JD Edwards EnterpriseOne Tools

Using and Approving User Defined Objects

9.2

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Preface

Welcome to the JD Edwards EnterpriseOne documentation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc`.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info` or visit `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs` if you are hearing impaired.

Related Information

For additional information about JD Edwards EnterpriseOne applications, features, content, and training, visit the JD Edwards EnterpriseOne pages on the JD Edwards Resource Library located at:

`http://learnjde.com`

Conventions

The following text conventions are used in this document:

Convention	Meaning
Bold	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
Italics	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`Monospace`	Monospace type indicates commands within a paragraph, URLs, code examples, text that appears on a screen, or text that you enter.
> Oracle by Example	Indicates a link to an Oracle by Example (OBE). OBEs provide hands-on, step- by-step instructions, including screen captures that guide you through a process using your own environment. Access to OBEs requires a valid Oracle account.

1 Understanding User Defined Objects (UDOs)

User Defined Objects (UDOs) Overview

UDOs are web objects you create using the EnterpriseOne web interface. You can create them for your own use, view ones that other employees have created, or share yours so that others can view and use them. Your ability to perform any of these tasks depends on the permissions you and others have been granted by your administrator.

UDO Types

EnterpriseOne users can create the following types of UDOs from the EnterpriseOne interface:

- **Queries** - fields and QBE columns you select from a form and add conditions to in order to make the search criteria more specific.
- **Grid Formats** - a selection of the columns you choose to display, the sequence in which you want them displayed, and how information is displayed in your grid.
- **Composite Application Framework** - a user interface framework that enables JD Edwards EnterpriseOne applications to integrate with multiple third-party content and applications, as well as other EnterpriseOne applications.

  For more information, see *JD Edwards EnterpriseOne Tools Composite Application Framework (CafeOne) User's Guide* .
- **Classic EnterpriseOne Pages** (Release 9.2.0.2) - an EnterpriseOne page that enables you to work on multiple EnterpriseOne applications. Classic Pages are HTML files and can contain any HTML-enabled functionality, such as interactive process flows, URL links and web pages, company logos, and so on.
- **One View Reports** - a Business Intelligence (BI) Publisher data model, a BI Publisher report, and the report definition for the One View Report, which is the metadata for the report and resides in JD Edwards EnterpriseOne.

  For more information, see *JD Edwards EnterpriseOne Applications One View Reporting User Guide* .
- **One View Watchlists** - a collection of items that match user-defined criteria and contain information to which you have selected to be alerted.

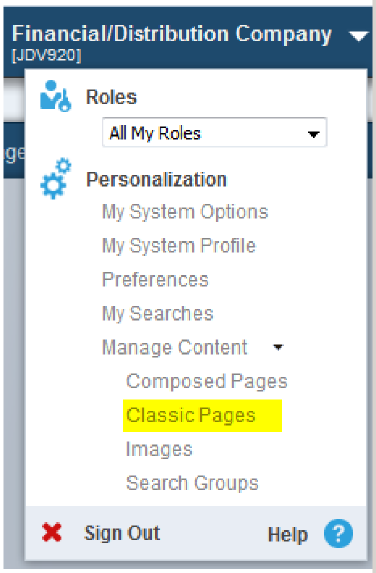
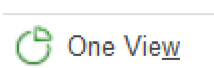
  For more information, see *JD Edwards EnterpriseOne Applications One View Watchlists Implementation Guide* .
- **Composed EnterpriseOne Page** (Release 9.2.0.2) - an EnterpriseOne page with user defined layouts that enables you to access Designer Panes, Watchlist Panes, Classic Pages, EnterpriseOne applications, One View Reports, web pages, OBIEE objects, and ADF applications. Composed EnterpriseOne Pages differ from Classic Pages in that they do not require you to have HTML coding knowledge. You create and design your Composed EnterpriseOne Pages by using the Page Composer.
- **Images** (Release 9.2.0.2) - a custom or a user defined graphic you can add to various components in the Designer Pane of Page Composer. The components in the Designer Pane include EnterpriseOne applications, batch versions, tasks, ADF applications, and Watchlists.

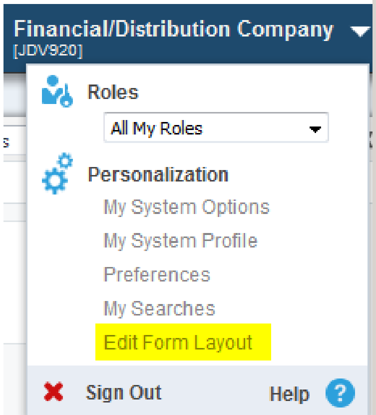
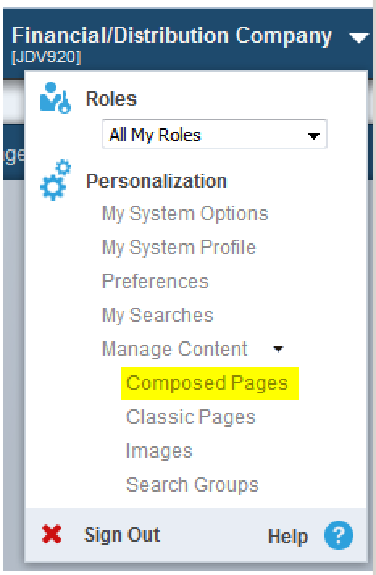
- **Orchestration components** (Release 9.2.1) - components created in the JD Edwards EnterpriseOne Orchestrator Studio that comprise a complete orchestration, which the JD Edwards EnterpriseOne IoT Orchestrator processes to enable the immediate, real-time transfer of IoT data to JD Edwards EnterpriseOne. Each orchestration component type–orchestration, service request, rule, cross reference, and white list–is a separate UDO type in EnterpriseOne.
  For more information, see *JD Edwards EnterpriseOne Tools Orchestrator Guide for Studio Version 8 and Prior* .
- **Personal Forms** (Release 9.2.1) - customization of the EnterpriseOne applications UI by using an interface that does not require any Form Design Aid (FDA) based modifications.
- **Search Groups** (Release 9.2.1.2) - search criteria that you can design to search for records across transactional or master data within EnterpriseOne. These search groups are utilized by the EnterpriseOne Search feature.
- **Notifications** (Release 9.2.2) - components created in the JD Edwards EnterpriseOne Orchestrator Studio that enable the system to notify you of business events as they happen without the need for you to be online.
  For more information, see *JD Edwards EnterpriseOne Tools Notifications Guide* .
- **Schedules** (Release 9.2.2) - components created in the JD Edwards EnterpriseOne Orchestrator Studio that define how often the system should execute a notification or orchestration.
  For more information, see *"Schedules" in the JD Edwards EnterpriseOne Tools Notifications Guide* .
- **Form Extensions** (Release 9.2.2.4) - extensibility framework that enables you to extend an EnterpriseOne form without customization.
- **Process** (Release 9.2.9) - an enterprise process that enables you to analyze the process based on real-time data. For more information, see *Introduction to Enterprise Process Modeler* in the *JD Edwards EnterpriseOne Tools Enterprise Process Modeler Guide* .
- **Widgets** (Release 9.2.9.3) - components created in the JD Edwards EnterpriseOne Orchestrator Studio that enable you to create, publish, and visualize data that an orchestration can produce. See *EnterpriseOne Widgets Overview* in the *JD Edwards EnterpriseOne Tools EnterpriseOne Widgets Guide* .

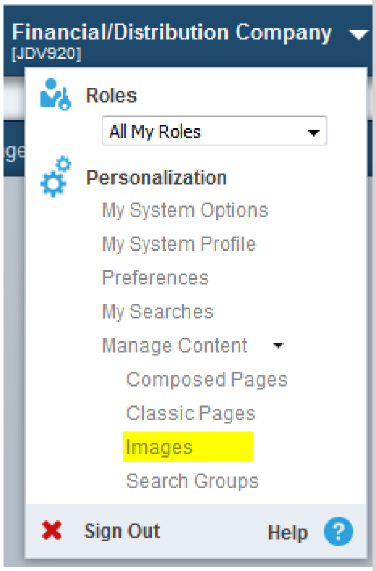
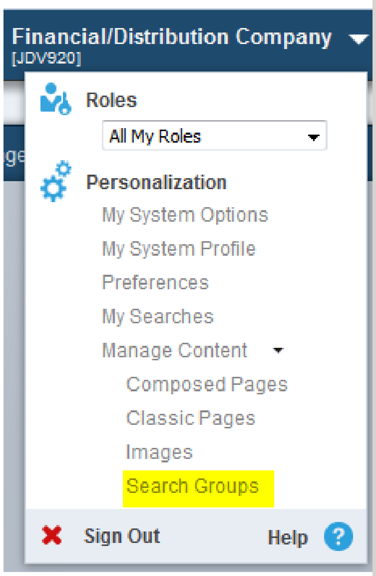
UDO Design Panel

EnterpriseOne contains a design panel located on the right of the screen that provides you with a consistent way to create and share UDOs. Each UDO has its own design panel that you invoke when you want to create or modify a UDO. The following table describes how you invoke the design panel for each UDO type:

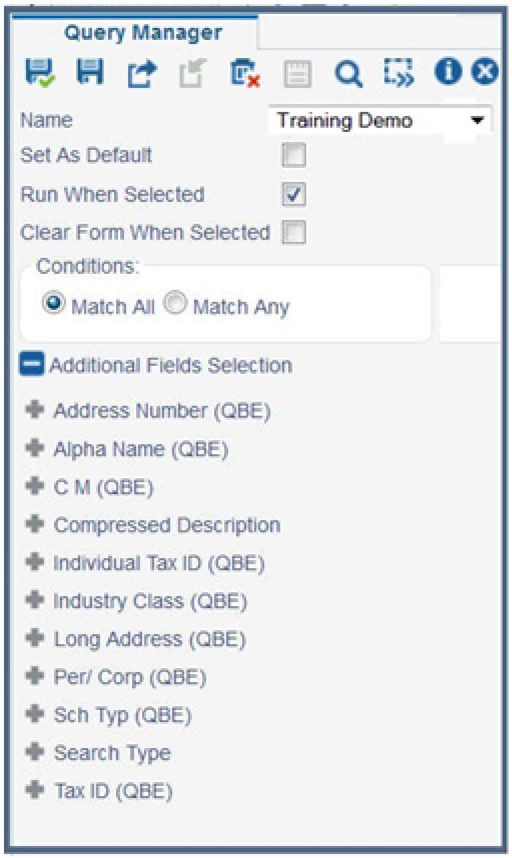
Icon	UDO	Action
	Query	Click the Manage Queries icon located in the upper-right corner of the screen to invoke the Query Manager panel.
	Watchlist	Click the Manage One View Watchlists icon located in the upper-right corner of the screen to invoke the Watchlist Manager design panel.
	Personalize Form (Release 9.2.1)	Click the Personalize Form icon located in the upper-right corner of the screen to invoke the Personal Forms Manager design panel.

Icon	UDO	Action
	Form Extension (Release 9.2.2.4)	Click the Form Extension icon located in the upper-right corner of the screen to invoke the Form Extension Manager design panel.
	Grid Format	Click the Personalized Grid button located near the center of a grid to invoke the Grid Format Manager design panel.
	Classic Pages (Release 9.2.0.2)	In the upper-right corner of the screen, click your login name and then click Manage Content - Classic Pages to invoke the E1 Page Manager design panel. Classic Pages used to be referred to as EnterpriseOne Pages.
	One View Reporting	On the Toolbar, click the One View icon, and then click Create Report to invoke the Report Definition design panel.

Icon	UDO	Action
	Composite Framework Application	In the upper-right corner of the screen, click your login name and then click Edit Form Layout to invoke the Composite Framework Manager design panel.
	Composed Pages (Release 9.2.0.2)	In the upper-right corner of the screen, click your login name and then click Manage Content - Composed Pages to invoke the Page Composer.

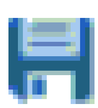
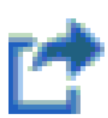
Icon	UDO	Action
	Images (Release 9.2.0.2)	In the upper-right corner of the screen, click your login name and then click Manage Content - Images to invoke the Image Manager design panel.
	Search Groups (Release 9.2.1.2)	In the upper-right corner of the screen, click your login name and then click Manage Content - Search Groups to invoke the Search Group Manager.

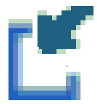
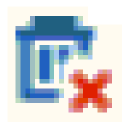
The following graphic shows the design panel for the Query UDO.



The options beneath the buttons are relevant to the specific UDO. These options will change according to the UDOs on which you are performing tasks. Additional buttons may exist depending on the UDO type.

Design Panel Icons

Name	Icon	Definition
Save		Click this icon to save the UDO you created.
Save As		Click this icon to save a UDO that you have changed so that it has a different name.
Request to Publish		Click this icon to request to share a UDO. An approver then reviews it and can approve it to be shared with other users.

Name	Icon	Definition
Reserve		Click this icon to reserve an existing UDO to which you want to make changes. Reserving it ensures that no one else can edit it while you make your changes. You then re-request to Publish the UDO, with your changes, for approval.
Delete		Click this icon to delete the UDO from your own list of UDOs. This does affect other users' ability to view it.

UDO Life Cycle and Statuses

A drop-down menu located on the design panel shows you the status at which a UDO resides.

If you have Request to Publish (Create Publish) permissions, you will see a Request to Publish button on the UDO design panel. When clicked, this button makes the UDO available to an application that an administrator can access. An administrator will approve or reject the request to publish. If the request to publish is approved, the administrator can opt to share the UDO with others.

If the administrator determines that you need to revise the UDO, the administrator will send a message to your Work Center explaining the reason why the UDO was rejected. You can then make modifications, and then Request to Publish it again.

The status in which your UDO resides in the life cycle is reflected in the drop-down menu that is associated with each UDO. The menu has categories, displayed in bold, that indicate the current stage of a UDO.

The following table lists the statuses and defines each one:

UDO Status	Description
Personal	UDOs in this category are ones you have created for yourself, but have not Requested to Publish.
Pending Approval	UDOs in this category are ones you have created and have Requested to Publish.
Rework	UDOs in this category are ones you have Requested to Publish, but have been rejected by the approver.
Reserved	UDOs in this category are ones that are shared, but you have reserved to make changes to. Once reserved, no other user can make changes to those UDOs.
Shared	UDOs in this category are ones that are shared.

2 Common Tasks for User Defined Objects

Publishing UDOs

You can request to publish or share a UDO. Your administrator grants you permission to publish UDOs. If you do not see the Request to Publish icon in the UDO manager panel for a specific UDO, then you do not have permissions to publish, share or reserve that UDO type.

If you do not wish to publish your changes, you can save the UDO as personal.

To publish UDO changes, access the JD Edwards EnterpriseOne web client:

1. Create and save your UDO.

   When you save your content, you have your own personal copy of the UDO in the Personal category in the Name drop-down list and only you can view it. Also, the Request to Publish icon is enabled.

   > **Note:** The Request to Publish icon is not enabled if you do not have the required permissions.

2. Click the Request to Publish icon.

   When you click Request to Publish, the system sends a confirmation message to verify that you do want to publish the UDO. The confirmation message also provides an opportunity for you to add notes for the approver.
3. Click OK on the confirmation message to move the UDO to Pending Approval status.

   If you click Cancel on the confirmation message, you can make changes to the UDO, save it, and then request it to be published.

   > **Note:** The confirmation message is displayed based on the settings in the Object Management Setup application (P98230).

   The approver can approve or reject your request by accessing User Defined Objects Administration application from User Defined Object Tools.

Modifying UDOs

Your ability to change a UDO depends on whether or not your system administrator has given you permissions. If you do not see the appropriate icon, you do not have permissions to personalize the UDO.

You can modify a personal UDO. You can also modify the following UDOs by reserving them, which makes them personal.

- UDOs that are pending approval
- UDOs that have been rejected for publishing by your administrator
- Shared UDOs formats
- UDOs that are Pending Approval

When you click the Name drop-down list in the UDO manager, you see UDOs that are available to you and could be in one of these categories:

- Personal: UDOs that are viewable by you only.
- Pending Approval: UDOs that you created and requested that your administrator publish so that it can be shared with other authorized users. Only you can see these UDOs.
- Rework: UDOs that are rejected by your administrator and have been returned to you for fixing. Only you can see these UDOs.
- Reserved: UDOs that you have moved from Pending Approval so that you can change them before they are published or UDOs that are rejected by the administrator and are in the Rework category.

  You can reserve a shared UDO. When you reserve a shared UDO, there are two copies of it: the original shared UDO that only you can view and modify (the reserved copy) and the original shared UDO that is still available to other authorized users.
- Shared: UDOs that have been published and are available to all authorized users.

Note: You modify a Composed EnterpriseOne Page by adding, modifying, or deleting content that is on that Composed EnterpriseOne Page or by changing the Composed EnterpriseOne Page (for example, repositioning content on the Composed EnterpriseOne Page). You must be in Page Composer to modify a Composed EnterpriseOne Page.

Modifying a Personal UDO

A personal UDO is available to you only.

To modify a personal UDO:

1. In the UDO manager panel (or Page Composer for Composed EnterpriseOne Pages), select the UDO in the personal category of the Name drop-down list.
2. Make changes to the UDO as desired.
3. Save the UDO by doing one of the following:
   a. Click Save. This will override the existing UDO.
   b. Click Save As. This option saves the changes with a new name and keeps the original intact.
4. Close the UDO manager panel.

Modifying a Shared UDO

You can modify a shared UDO by reserving it. Reserving a shared UDO results in a copy of the shared UDO available to you in the reserved category on the Name drop-down list. The original shared UDO is still available to other users.

If you reserve a UDO and then decide you do not want to change it, you can click the Unreserve icon. The original UDO is available as a Shared UDO.

When you select a shared UDO in edit mode and the UDO has been reserved for editing by another user, the title bar indicates that the UDO is reserved and user ID of the individual who reserved it. You cannot modify this shared UDO.

When you select a shared UDO in edit mode and the UDO has been checked out of OMW, the title bar indicates that the token is held in a project. You cannot modify this shared UDO.

To modify a shared UDO:

1. In the UDO manager panel, select the UDO that you want to edit in the shared category of the Name drop-down list.
2. Click the Reserve icon.

   This action makes the shared UDO a personal UDO for you, and it appears in the Name drop-down list in the Reserved category for only you. Other users see the shared UDO.
3. Make changes to the UDO as desired.
4. Save the UDO by doing one of the following:

   a. Click Save. This will override the existing UDO.
   b. Click Save As. This option saves the changes with a new name and keeps the original intact.

   > **Note:** You must save or save as the UDO before you click the Request to Publish icon. If you do not save the UDO, your changes will be lost and the original UDO without your changes will be placed in Pending Approval status.
5. Click the Request to Publish icon.
6. Close the UDO manager panel.

Modifying a UDO that was Rejected for Publishing

If your administrator rejects a UDO that you requested to be published, the UDO is returned to you and appears in the Name drop-down list in the Rework category. Your approver might have sent notes explaining why the UDO was rejected for publishing. You can view the notes by clicking the Notes icon.

To modify a UDO that was rejected for publishing:

1. In the UDO manager, select the UDO from the Rework category of the Name drop-down list.
2. Click the Reserve icon. The UDO is changed to personal so that you can modify it.
3. Make changes to the UDO as required.
4. Save the UDO by doing one of the following:

   a. Click Save. This will override the existing UDO.
   b. Click Save As. This option saves the changes with a new name and keeps the original intact.

   > **Note:** You must save or save as the UDOs before you click the Request to Publish icon. If you do not save the UDOs, your changes will be lost and the original without your changes will be placed in Pending Approval status.
5. Click the Request to Publish icon.
6. Close the UDO manager panel.

Modifying a UDO that is Pending Approval

You can modify a UDO that is pending approval by reserving it and making the changes and resubmitting it for approval. When you click the Reserve icon, the UDO reverts to a personal UDO. If you decide you do not want to make changes, you can click the Unreserve icon, and the UDO returns to pending approval.

To modify a UDO that is pending approval:

1. In the UDO manager (or Page Composer for Composed EnterpriseOne Pages), select the UDO from the Pending Approval category in the Name drop-down list.
2. Click the Reserve icon. The UDO is changed to the personal category so that you can modify it.
3. Make changes to the UDO as required.
4. Save the UDO by doing one of the following:

   a. Click Save. This will override the existing UDO.
   b. Click Save As. This option saves the changes with a new name and keeps the original intact.

   > **Note:** You must save or save as the UDOs before you click the Request to Publish icon. If you do not save the UDOs, your changes will be lost and the original without your changes will be placed in Pending Approval status.

5. Click the Request to Publish icon.
6. Close the UDO manager panel.

Deleting Personal UDOs

You can delete personal UDOs, such as grid formats, queries, composed EnterpriseOne Pages, and Personal Forms that are in the Personal category. When you delete a personal UDO, the UDO is removed.

> **Note:** When you delete a personal Composed EnterpriseOne Page, the content within that Composed EnterpriseOne Page is also deleted.

To delete a personal UDO:

1. Open the appropriate UDO Manager panel (for example, Grid Format Manager or Page Composer).
2. Select the UDO that you want to delete from the Name drop-down list and click the Delete icon.

You cannot delete a shared UDO in this manner. Only an Object Management Workbench (OMW) user can delete a shared UDO.

3 Grid Formats

Understanding Grid Formats

JD Edwards EnterpriseOne grid formats are personalized grid layouts that you create to customize how your grid data is displayed. You can display the data either in Table View or List View grid formats. Using the intuitive Grid Format Manager interface, you can select the columns you want to include in your grid formats.

You use Grid Format Manager to create, modify, and save grid formats. When you click the Personalize Grid icon, the system displays the Grid Format Manager side panel.

You can choose to display records in either of the following two grid formats:

- **Table View** - Collects the data records from the query and organizes them in a tabular grid. See *Working with the Table View Grid Format* for more information.
- **List View** - Groups data records and displays them in a vertical scrollable list. See *Working with the List View Grid Format (Release 9.2.0.5)* for more information. The List View grid format is available only for find/browse grids. (Release 9.2.0.5)

  The option to select either the List View grid format or Table View grid format is available only in find/browse grid. The Find/Browse, Search & Select, and Power Browse forms have find/browse grids, as do browse subforms. In an update grid, you can use only the Table View grid format, and the Format Type drop-down list will not appear in the Grid Format Manager.

Note:

- If you are using a release prior to EnterpriseOne Tools release 9.2.0.5, you can create only the Table View grid format.
- The ability to customize the grid in modal forms is enabled from Tools Release 9.2.6.2.

The following sections describe the Table View and List View grid formats, and the steps to create these formats:

- *Working with the Table View Grid Format*
- *Working with the List View Grid Format (Release 9.2.0.5)*

The icons in the Grid Format Manager side panel are available for all User Defined Objects (UDOs) and are discussed in the *UDO Design Panel*.

- Save: See *Working with the Table View Grid Format*, *Working with the List View Grid Format (Release 9.2.0.5)*
- Save As: See *Working with the Table View Grid Format*, *Working with the List View Grid Format (Release 9.2.0.5)*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*

Working with the Table View Grid Format

Table View grid format is one of the grid formats that you can use to find and view records. Table View grid format enables you to display information in a tabular format. Using the Grid Format Manager, you can select the columns you want to include in your Table View grid format, and then show or hide the columns as required. With Release 9.2.2.4, you can also rename the grid columns.

Your ability to create a grid format depends on whether your system administrator has enabled the Personalize Grid icon. If you do not see the Personalize Grid icon in the bar located at the top of the grid, you do not have permissions to personalize the grid.

Creating a Table View Grid Format

To create a Table View grid format:

1. Open the application for which you want to create a new Table View grid format.
2. Click the Personalize Grid icon.
3. In the Grid Format Manager, ensure (Create) is the value in the Name field. If another value is displayed, select (Create) from the Name drop-down list.
4. Select Table View from the Format Type drop-down list. (Release 9.2.0.5)

   By default, the Table View option is selected for Format Type.

   > **Note:** If you are using a release prior to EnterpriseOne Tools release 9.2.0.5, the Format Type drop-down list is not available, and you can create only the Table View grid format.

5. Select the Set As Default option to designate the new grid format as the default for the form.

   Only one grid format can be the default grid format for a form.
6. Make changes to the Display and Order, Column Format, and Data Sequencing sections as described in the following topics:
   - *Hiding and Showing Grid Columns*
   - *Freezing and Unfreezing Grid Columns*
   - *Rearranging Grid Columns*
   - *Renaming Grid Column Headers (Release 9.2.2.4)*
   - *Setting Grid Color and Font*
   - *Changing Grid Column Width*
   - *Changing the Sort Sequence of a Grid*

   > **Note:** Columns that you are required to use have an asterisk beside the column name. You cannot remove these required columns from your grid format.

7. Click the Save button.

   You cannot change the Format Type after you save a grid format. The Format Type drop-down list is disabled and you cannot change its value until you create a new one. Similarly, when you open an existing grid format in the Grid Format Manager, the Format Type option cannot be changed and the drop-down list is disabled.

8. In the Enter New Name dialog box, enter a unique name for the Table View grid format. The new grid format is saved as Personal grid format with the name you entered.
9. Click the OK button.

   > **Note:** If you enter a name that already exists, the following message is displayed: 'The name is already in use, duplicate names are not allowed.'

10. Click the Close button to close the Grid Format Manager.

If you modified an existing personal grid format, you can click either the Save or Save As icon. Clicking Save updates the original personal grid format with the changes. Clicking Save As requires you to enter a new grid format name, so that you have the original grid format and a new personal grid format with the updates you made.

If you want to recall the default format, save the original grid format before you save a new format. Otherwise, you must remove the new format, exit the application, and then access the application again to view the default grid format.

Hiding and Showing Grid Columns

When you work with forms that have grid columns, you can hide one or more columns that you might not need. You can show the hidden columns when you need them.

You can use one of these methods to hide and show grid columns. These methods are applicable only in the Table View grid format.

- Personalize Grid icon.
- Right-click in column header.

> **Note:** Columns that you are required to use have an asterisk beside the column name. You cannot remove these required columns from your grid format.

Personalize Grid Icon

Access the application containing the grid you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new Table View grid format or select an existing one that you want to modify.
3. Scroll to the Display and Order section.
4. To prevent a column from showing on the grid, select it in the Display and Order list, and then click the left arrow.
5. To make a column appear on the grid, select it in the Available Columns list, and then click the right arrow.
6. Use the up and down arrows to change the order in which the system displays the columns on the grid.
7. When finished, click the OK button, and then click the Close button.

Right-Click in Column Header

Access the application containing the grid you want to change.

1. Click the drop-down menu next to the Personalize Grid icon and either select Show All Columns to create a new grid format or select an existing grid format to modify.
2. Right-click the header of the column that you want to hide.
3. Select the Hide option from the context menu.
4. Click the Save icon to save the grid format. The system displays the Grid Format Manager side panel.
5. Click Save in the Grid Format Manager side panel to modify the already selected grid format. Click Save As and enter a unique name in the Enter New Name field if you want to create a new grid format.

6. To make a hidden column appear on the grid, right-click in any column header.

   Note: If you do not save the grid format, the column is hidden until you exit the application. The hidden column will be visible when you log into the JD Edwards EnterpriseOne application again.

7. On the context menu, select Unhide, then select the hidden columns that you want to appear on the grid, and then click OK.The system displays the Grid Format Manager side panel. Click Save in the Grid Format Manager side panel to modify the already selected grid format. Click Save As and enter a unique name in the Enter New Name field if you want to create a new grid format.

Freezing and Unfreezing Grid Columns

You can freeze grid columns on JD Edwards EnterpriseOne form grids that have a horizontal scroll bar. This is helpful when you want to enter data into a selected number of columns in an editable grid. Also, this helps you to view and compare the data in different columns.

You can view two areas of a grid by freezing columns in the left side of the grid.

Note: The freeze functionality is applicable only in Table View grid formats.

Only the left side of the grid can be frozen. The columns that are to the right side of the frozen grid can be scrolled. You can scroll through all of the rows by using the vertical scroll bar.

The functions in Row Selector, Media Object Attachments Column, Row Exit context menu and QBE fields are supported in the frozen area. Other functions such as Resize Column, Reorder Column and so on are not supported in the frozen area but are supported in the non-frozen columns.

Note:

- The Freeze functionality is available only in the grids that have a horizontal scroll bar.
- Hide and Freeze functions are not supported for Accessibility users.

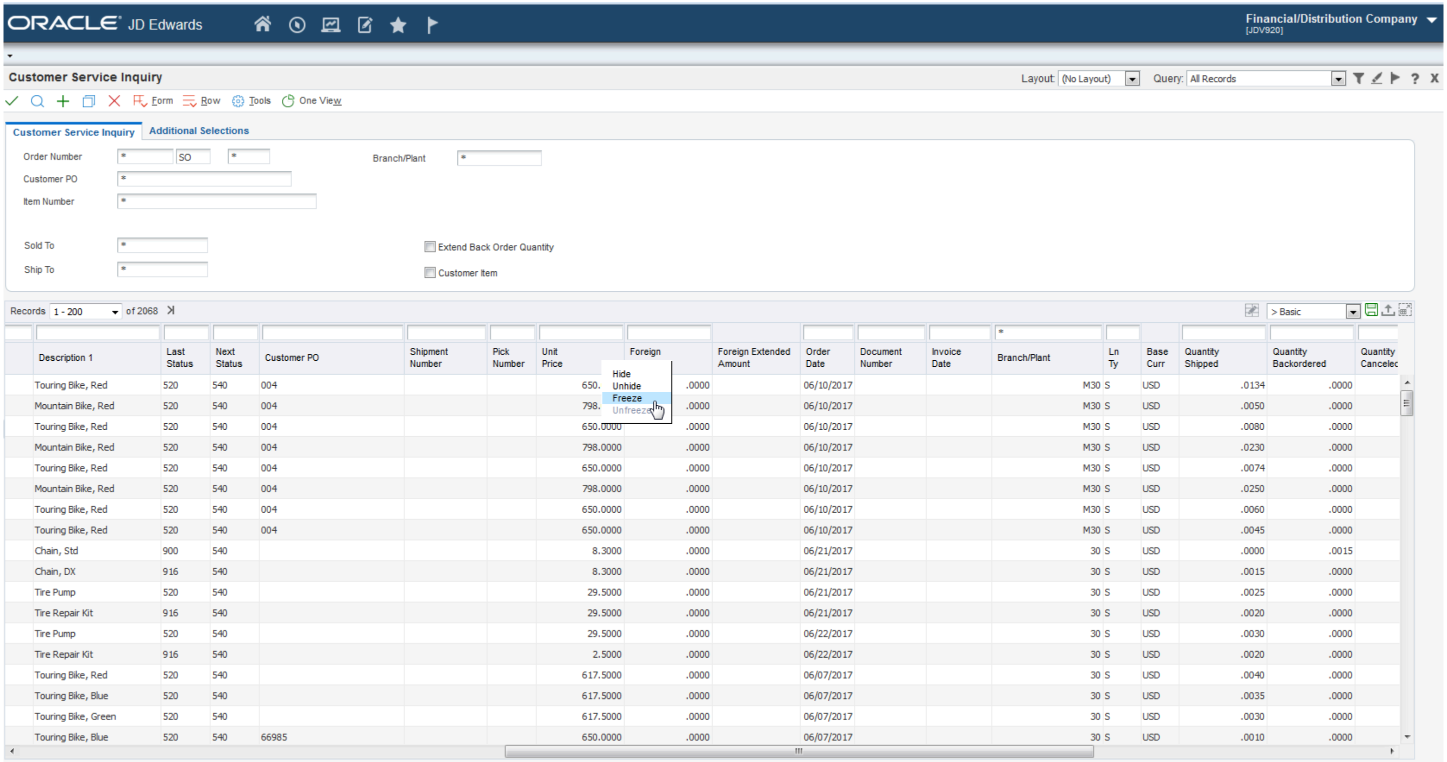
You cannot Freeze the right-most part of the grid. If you right-click the right-most column's header and select the Freeze option, a pop-up message saying 'Cannot Freeze at the right part of the grid' is displayed.

Freeze and unfreeze functionality is supported for both editable and non-editable grids.

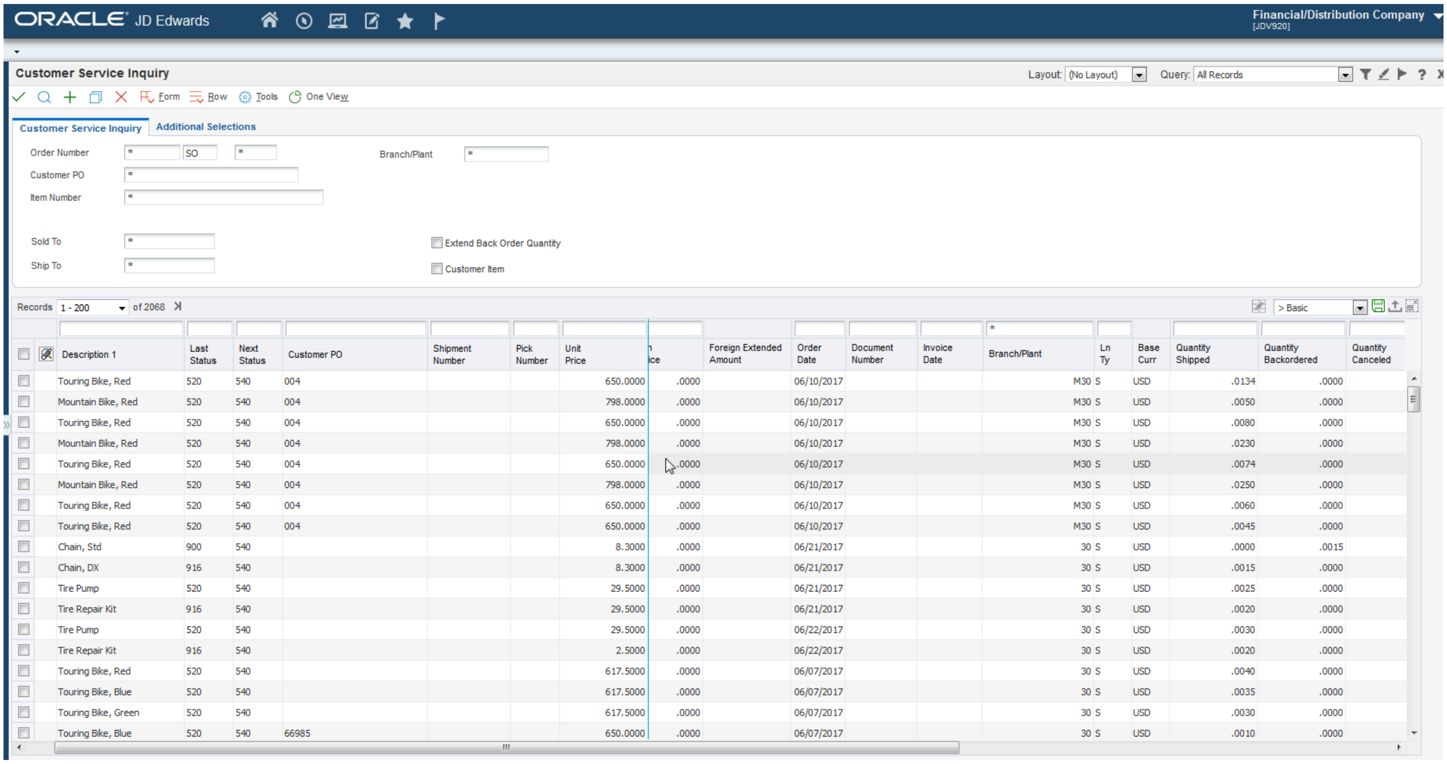
Non-Editable Grids

If you select Freeze option in non-editable browse grids when the horizontal scroll bar is not set to the left-most position, the columns that are visible to the left side of the selected column header, including the selected column, will be frozen.

As shown in the following example, if you select the Freeze option, the columns from Description 1 to Unit Price are frozen.


ORACLE JD Edwards
Financial/Distribution Company
[JDV920]
Customer Service Inquiry
Layout: (No Layout)
Query: All Records
Form
Row
Tools
One View
Customer Service Inquiry
Additional Selections
Order Number
SO
Customer PO
Item Number
Branch/Plant
Sold To
Ship To
Extend Back Order Quantity
Customer Item
Records 1 - 200 of 2068
> Basic
Description 1
Last Status
Next Status
Customer PO
Shipment Number
Pick Number
Unit Price
Foreign
Foreign Extended Amount
Order Date
Document Number
Invoice Date
Branch/Plant
Ln Ty
Base Curr
Quantity Shipped
Quantity Backordered
Quantity Cancelec
Hide
Unhide
Freeze
Unfreeze
Touring Bike, Red
Mountain Bike, Red
Chain, Std
Chain, DX
Tire Pump
Tire Repair Kit
Touring Bike, Blue
Touring Bike, Green

The columns before the Description 1 column are frozen and hidden; that is, you cannot see or scroll the columns before the Description 1 column as shown in the following example.


ORACLE JD Edwards
Financial/Distribution Company
[JDV920]
Customer Service Inquiry
Layout: (No Layout)
Query: All Records
Form
Row
Tools
One View
Customer Service Inquiry
Additional Selections
Order Number
Customer PO
Item Number
Branch/Plant
Sold To
Ship To
Extend Back Order Quantity
Customer Item
Records 1 - 200 of 2068
> Basic
Description 1
Last Status
Next Status
Customer PO
Shipment Number
Pick Number
Unit Price
Foreign Extended Amount
Order Date
Document Number
Invoice Date
Branch/Plant
Ln Ty
Base Curr
Quantity Shipped
Quantity Backordered
Quantity Canceled

Editable Grids

In editable grids, you must set the horizontal scroll to the left-most position of the grid to use the Freeze functionality. If you right-click the column header and select the Freeze option when the horizontal scroll bar is not set to the left-most position, a pop-up message saying 'Please set the horizontal scroll bar to the left-most position of the edit grid to use Freeze functionality.' is displayed.

The frozen column in an editable grid acts as an Auto Return column. If you press the TAB key when the focus is in the last cell in the frozen column, the focus is set to the first editable cell of the next row (instead of setting the focus to the next editable cell in the unfrozen column.)

Freezing and UnFreezing Grid Columns

Access the application containing the grid you want to change.

1. Right-click the column header of the grid you want to freeze.
2. Select the Freeze option from the context menu.

   The columns that are visible to the left side of the selected column header, including the selected column will be frozen.

   A blue vertical line separates the frozen columns on the left side and the other columns in the unfrozen area.
3. To unfreeze the columns, right-click in any column header and select the Unfreeze option from the context menu.

> **Note:** The column header context menu closes automatically if you click anywhere else in the form or grid.

> **Note:** *Click here to view a recording of this feature.*

Renaming Grid Column Headers (Release 9.2.2.4)

To rename grid column headers:

1. Access the application containing the grid for which you want to rename the column headers.
2. Click the Personalize Grid icon.
3. In the Grid Format Manager side panel, create a new Table View grid format or select the grid format that you want to modify.
4. Scroll to the Display and Order section.
5. To rename a column header, select the column name in the Display and Order list, click the Edit Column Name icon, and then enter the new name.

   The system displays the renamed column header in blue color font. The system also displays the new column header in the Available Columns list, and in the Column Format and Data Sequencing sections.

   > **Note:**
   > - You can edit only the names of the column headers that are in the Display and Order list; you cannot edit those in the Available Columns list.
   > - Renamed grid column headers will not be reflected in One View reports.
6. Repeat step 5 for any other grid column headers that you want to rename.

7. To reset a column header name, select the column name in the Display and Order list and then click the Revert to Original icon.

   > **Note:** The Revert to Original icon is enabled only if you select a renamed column header name.

8. Click Save and then click Close.

> **Note:** Translation is not supported for the renamed column headers.

> **Note:** Click here to view a recording of this feature.

Rearranging Grid Columns

Access the application containing the grid you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new Table View grid format or select an existing one that you want to modify.
3. Scroll to the Display and Order section.
4. In the Display and Order section, click a column name and use the up and down arrows to move it up or down in the list.

   The system displays the columns in the list in the order in which they appear from top to bottom. In other words, the column at the top of the list appears first on the grid, the column second from the top appears second on the grid, and so forth.
5. Repeat step 4 for any other columns that you want to move.
6. When finished, click the Save button, and then click Close.

Setting Grid Color and Font

Access the application containing the grid that you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new Table View grid format or select an existing one that you want to modify.
3. Scroll to the Format Column section
4. Select the column name for which you want to change the color and font from the Select Column To Design drop-down list.

   The column name appears in the Selected Column field.
5. To apply a background color to the column, click a color in the pallet under Column Color.

   The hexadecimal value for the color that you chose appears in the Column Color field.
6. To apply a color to the text in the column, click a color in the pallet under Text Color.

   The hexadecimal value for the color that you chose appears in the Text Color field.

7. To apply a font style such as bold or italics to the text in the column, click the styles that you want to apply in the Text Options list.

   The system updates the Selected Column field to show you how your choices will look. The system also places a plus sign next to the column name in the Display and Order section. This symbol indicates that user-defined formatting will be applied to the column.
8. Repeat steps 4-8 to apply formatting to additional columns in the grid.
9. When finished, click the Save button, and then click the Close button.

Changing Grid Column Width

Access the application containing the grid that you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new Table View grid format or select an existing one to modify.
3. Scroll to the Format Column section.
4. Select the column name for which you want to change width from the Select Column To Design drop-down list.

   The column name appears in the Selected Column field.
5. Enter a percentage value in the Column Width field.

   This value is the percentage of the space that you want the system to allot to the column based on the width defined for the data item on which the column is based. You can enter a value between 25 and 400.
6. When finished, click the Save button, and then click the Close button.

Customizing the Grid Dynamically

JD Edwards EnterpriseOne enables you to dynamically customize a grid. "Dynamically" means that you are able to make changes directly to a grid on which you are working. You can change column widths and arrangement. You can save these changes and use them in any application where dynamic grid formatting is enabled.

To change column width:

1. Navigate to an application grid that you want to modify.
2. Click the right side of the column and, while holding down the left mouse button, drag it to the desired width.

To rearrange columns:

1. Navigate to an application grid that you want to modify.
2. Click the top of the column and, while holding down the left mouse button, drag it to the desired location and release the mouse button.

To save the changes you have made to the grid:

1. Navigate to an application grid that you want to modify.

   When you customize a grid, the page refreshes and a Save icon displays in the upper-right corner of the grid, beside the grid format name.
2. Click the Save icon on the grid. If prompted, type a name in the field that is located beside it.

   When you log into the application again, your saved grid format is available.

Working with the List View Grid Format (Release 9.2.0.5)

List View grid format is one of the grid formats that you can use to find and view records. List View grid format enables you to stack columns vertically so that the information displayed is compact and easy to find. Using the Grid Format Manager, you can select the grid columns you want to include in your List View grid format, and then group them in the way you want them displayed. With Release 9.2.2.4, you can also rename the grid columns.

Your ability to create a grid format depends on whether your system administrator has enabled the Personalize Grid icon. If you do not see the Personalize Grid icon in the bar located at the top of the grid, you do not have permissions to personalize the grid.

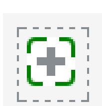
Creating a List View Grid Format

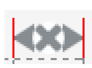
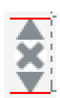
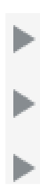
To create a List View grid format:

1. Open the application for which you want to create a List View grid format.
2. Click the Personalize Grid icon.
3. In the Grid Format Manager, ensure (Create) is the value in the Name field. If another value is displayed, select (Create) from the Name drop-down list.
4. Select List View from the Format Type drop-down list. This action displays the Layout section to configure the layout of the grid.

   Note: The List View grid format is applicable only to find/browse grids. List View grid format is also supported in Visual Assist forms.

5. Select the Set As Default option to designate the new grid format as the default for the form. Only one grid format can be the default grid format for a form.
6. In the Layout section, Add Field (a square button with a plus sign) is displayed. Click the Add Field to display an inventory list of all the fields that can be added to the List View grid. The field inventory list also includes attachments, provided that the grid in the form supports attachments.
   After a field is added to the grid layout, the added field will no longer appear in the inventory list. The inventory list for the field is sorted in alphabetical order.
   The following table explains the icons in the Layout section:

Icon	Name	Description
	Add Field	Enables you to add a field to the List View grid format.
	Add Value Only	Enables you to display only the value of the selected field in the List View grid.
	Add Both Label and Value	Enables you to display the label of the selected field along with its value.

Icon	Name	Description
	Configure Label/ Value	Enables you to specify how the text is aligned horizontally on the grid.
	Right Alignment	Enables you to align text horizontally to the right of the cell.
	Left Alignment	Enables you to align text horizontally to the left of the cell.
	Edit Column Name	Enables you to rename a field that has been added to the grid layout. (Release 9.2.2.4)
	Revert to Original	Enables you to revert a field name to the original FDA name after you rename it. (Release 9.2.2.4)
	Remove Field	Enables you to delete a field that has been added to the grid layout.
	Remove this column	Enables you to delete a column from the grid layout.
	Remove this row	Enables you to delete a row from the grid layout.
	Add a row to bottom	Enables you to add a row to the grid layout.
	Add a column to right	Enables you to add a column to the grid layout.

7. Select any field from the inventory list. You can choose to display only the value of the selected field, or both the label and value of the field.

   You can add other fields from the inventory list by again clicking the Add Field button (plus sign). The selected fields appear as cells in the Layout section. The grid displays only those fields that have been added to the Layout section and in the same order in which they appear in the Layout section.

   After you add all the available fields to the grid layout, the Add Field button (plus sign) will not appear in the cell. However, when you remove any of the fields from the layout, the Add Field button will reappear.

   > **Note:** You cannot add the same field twice in a grid layout.

8. Point to or click on the cell to display the Configure Label/Value, Remove Field, Edit Column Name, and Revert to Original icons.

   - Click the Configure Label/Value icon to specify how the text is aligned horizontally on the grid. The two types of text alignment available are Left Alignment and Right Alignment.

     When you select the Add Both Label and Value option from the field inventory list, the label of field is by default aligned to the right, and its value is aligned to the left of the cell.
   - (Release 9.2.2.4) Click the Edit Column Name icon and enter a new name to rename a field that has been added to the grid layout.

     The system displays the renamed field in blue color font.

     > **Note:** Renamed grid column headers are not supported in One View Reporting (OVR).

   - (Release 9.2.2.4) Click the Revert to Original icon to reset a renamed field to the original FDA name.

     > **Note:** The Revert to Original icon is enabled only if you select a renamed field.

   - Click the Remove Field icon to delete a field from the grid layout. The deleted fields are added to the field inventory list.
9. Customize the grid layout by adding rows and columns as desired.

   - To add a row to the grid layout, click the Add a row to bottom icon (three triangles located at the bottom of the Layout section). A new row is added at the bottom of the grid.

     The first row added in the Layout section is referred to as a primary row. The fields included in the primary row are displayed in bold and bigger font to distinguish them from the other rows.
   - To add a column, click the Add a column to right icon (three triangles located at the right of the Layout section) to add a column to the grid. A new column is added to the right side of the grid.
10. Click Data Sequencing to change the sort sequence of the grid. See, *Changing the Sort Sequence of a Grid* for more information.
11. Click the Save button.

    You cannot change the Format Type after you save a List View grid format. The Format Type drop-down list is disabled and you cannot change its value until you create a new one. Similarly, when you open an existing grid format in the Grid Format Manager, the Format Type option cannot be changed and the drop-down list is disabled.
12. In the Enter New Name dialog box, enter a unique name for the List View grid format. The new grid format is saved as a Personal grid format with the name you entered.

13. Click the OK button.

    Note: If you enter a name that already exists, the following message is displayed: "The name is already in use, duplicate names are not allowed."

14. Click the Close button to close the Grid Format Manager.

    Note: You will not receive the Session Timeout message while working in the Grid Format Manager side panel.

If you modified an existing personal grid format, you can click either the Save or Save As icon. Clicking Save updates the original personal grid format with the changes. Clicking Save As requires you to enter a new grid format name, so that you have the original grid format and a new personal grid format with the updates you made.

If you want to recall the default format, save the original grid format before you save a new format. Otherwise, you must remove the new format, exit the application, and then access the application again to view the default grid format.

Note: *Click here to view a recording of this feature.*

Changing the Field Width

By default, EnterpriseOne displays the entire text for a field's label (if included) and a fixed width for the field's value. You can independently change the width of the label and value.

To resize the field width, access the application containing the grid that you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new List View grid format or select an existing one that you want to modify.
3. In the Layout section, point your cursor to the cell of the field for which you want to change the width. A blue line appears on the cell.
4. Change the width of the field by moving the blue line. You can resize the width of the field label and the value separately.

   Note: The text for the field label and value is truncated if the width is too small after resizing.

5. When finished, click the Save button, and then click the Close button.

Using the List View Grid Format

After you have created and saved the List View grid format using the Grid Format Manager, you can apply it to a form and use it.

For more information, see:

- *Applying a Grid Format in the JD Edwards EnterpriseOne Tools Foundation Guide*
- *Using the List View Grid Format in the JD Edwards EnterpriseOne Tools Foundation Guide* .

Note: A List View grid is read-only, and is not editable.

Changing the Sort Sequence of a Grid

Access the application containing the grid that you want to change.

1. Click the Personalize Grid icon to open the Grid Format Manager side panel.
2. Create a new grid format or select an existing one that you want to modify.
3. Scroll to the Data Sequencing section.
4. If you want to sort on a column, click the column name in the Available Columns list, and then click the right arrow.

   The system moves the column name from the Available Columns list to the Sequenced Columns list.

   A column must be included in the grid before you can sort on it, that is:

   - for a Table View grid format, its name must appear in the Display and Order section.
   - for a List View grid format, the field must be included in the Layout section. (Release 9.2.0.5)
5. If you do not want to sort on a column, click the column name in the Sequenced Columns list, and then click the left arrow.

   The system moves the column name from the Sequenced Columns list to the Available Columns list.
6. To rearrange the order of sort precedence, use the up and down arrows under the Sequenced Columns list to rearrange the column names.

   The system first sorts by the column at the top of the list, then by the column second from the top, and so forth.
7. To sort column values in ascending order, click the column name in the Sequenced Columns list and select the Ascending check box.

   If you leave the Ascending box blank, the system sorts the column in descending order.

   An A appears next to the column names to be sorted in ascending order, and a D appears next to the column names to be sorted in descending order.
8. When finished, click the Save button, and then click the Close button.

Creating a Grid Format for Pervasive Devices

Access the JD Edwards EnterpriseOne web client.

1. Using the JD Edwards EnterpriseOne web client, launch the application for which you want to create a grid format for pervasive devices.
2. Click Customize Grid and select the format that you want to use for pervasive devices.

   If you have not created the format, do so now. Follow the same steps for creating the format that you use for creating a web-based format. However, keep in mind the limited space and color options offered by most pervasive devices when you decide about columns to display, column widths, column and text colors, and so forth.
3. Click Default for Mobile Device and click Close.

Modifying, Publishing, and Deleting a Grid Format

For more information on these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

4 Queries

Understanding the Query Control

In addition to using QBE and wildcards to search for records, you can define additional search criteria by creating a query. The Query control appears on Find Browse, Search/Select, and Power Browse forms that have a Find button, unless the form appears in a popup window (such as when using the visual assist). Additionally, the Query control appears in the Data Browser, which enables you to view the data in tables and business views and save the search criteria as a query.

See *Viewing the Data in Tables and Business Views in the JD Edwards EnterpriseOne Tools Foundation Guide guide.*

> **Note:** The queries created using the Query control are Enhanced Queries, which differ from the Saved Queries that users might have created in previous releases. You can convert the format of the old Saved Queries to Enhanced Queries by using a conversion process. See *"Converting Saved Queries to Enhanced Queries" in the JD Edwards EnterpriseOne Tools Runtime Administration Guide* .

The query feature enables you to select additional fields from a form and add conditions to narrow the search results. Queries enable you to create searches that are more specific than the search results from wildcards and QBE columns alone. The system combines the conditions defined in the form filter fields, the QBE line, and the query to retrieve records from the database.

Security options are available to prevent users from performing searches if they have not entered search criteria in the form filters or QBE columns. If application query security has been implemented, you receive an error or warning message that informs you that your search has been suppressed.

See *"Managing Application Query Security" in the JD Edwards EnterpriseOne Tools Security Administration Guide* .

You can design and save queries for search criteria that you use often to find records. Queries can be designated to run automatically by selecting the "Run query when selected" option, which enables the query to search without having to click the Find button.

Additionally, you can designate a saved query as the default query for a form. A default query with the "Run query when selected" option will run whenever you enter the form, as well as any time you select the query from the drop-down query list. If a default query has not been defined, the Query field displays "All Records" when the form appears.

> **Note:** A default query will not run automatically if values are passed into the form by a form interconnection, or if the "Run query when selected" option is not selected.

If you want to search for records without using a query, set the Query field to All Records.

Any queries that you save are listed alphabetically under the My Queries label in the query drop-down list. The My Queries subgroup also includes an All Records selection, which enables you to search without queries. Any queries that you save are available to you only; no other user can access them unless they are copied and designated as public queries. If public queries are available, they are listed alphabetically under the Public Query subgroup in the query drop-down list.

See "*Making Private Queries Public" in the JD Edwards EnterpriseOne Tools Runtime Administration Guide* .

Managing Queries

You use Query Manager to create, modify, and save queries. Click the icon to the right of the Query field to enter Query Manager. You can also use the Ctrl+E hot key combination to toggle between normal mode and Query Manager mode. Depending on the value in the Query field when you enter Query Manager, the options for a new query or an existing query appear in the Query Manager side panel. You can change the width of the Query Manager side panel, which causes a corresponding adjustment in the JD Edwards EnterpriseOne form until the minimal width is reached.

The icons in the Query Manager side panel are available for all User Defined Objects (UDOs) and are discussed in the "*UDO Life Cycle and Statuses*" of the *JD Edwards EnterpriseOne Tools Foundation Guide* .

- Save: See *Creating and Saving Queries to Search for Data*
- Save As: *Copying Queries*
- Request to Publish: See *Publishing UDOs*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*

When you enter Query Manager, a plus sign on the form designates each field and QBE column that you can select for a query. When you click a field or QBE column, the item appears in the Query Manager side panel with the appropriate comparison selections for the item's data type. Any items that you select display an X in the Query Manager side panel, which indicates that they have been selected. You can remove an item from the Query Manager side panel by clicking it.

When you edit the criteria in a query, both the query item and its corresponding field or QBE column on the form are highlighted.

The Populate Query icon enables you to enter values in fields and QBE columns on the form, and then click the Populate Query button to automatically create the query for you. The system populates the comparison selections for each item according to its data type.

The following table describes the fields in the Query Manager side panel:

Query Manager Options

Field	Description
Name	Select either (add new query) or an existing query from the drop-down list. The default value for the Query field is (add new query), unless an existing query was selected before entering the Query Manager. The (add new query) selection enables you to create a new query. Select an existing query to run it or modify it.
Set As Default	Select this option to designate a query as the default. Only one query can be the default query for a form. The default query is used whenever the form opens, until the user selects another query or the All Records selection.
Run When Selected	By selecting this option, you do not have to click the Find button to run the query. The query will run automatically whenever you select it. If you select this option for a default query, the query will run automatically when the form opens, unless it opens in a pop-up window (such as when using the visual assist) or when values are passed into the form by a form interconnection.

Field	Description
	Note: When creating a query used by Watchlists, ensure that the "Run When Selected" option is selected. When creating a query to be used by a an analytical component on a Composed Page, it is recommended that this option be turned off for better performance.
Clear Form When Selected	Select this option to clear any header field values that are specified in the application version and automatically populated when the application version is launched.
Match All	Select this option if you want the query results to include all of the criteria specified in the query.
Match Any	Select this option if you want the query results to include any (not all) of the criteria specified in the query.
Fields and QBE Columns	Form fields and QBE columns that display a plus sign can be included in a query. Click the plus sign of the field or QBE column to include it in a query.
Comparison List	When you select a field or QBE column to include in a query, fields display to the right of the item in the Query Manager side panel that enable you to customize the search criteria for the item. The comparison types that display for each data item (such as equal, not equal, starts with, between, is blank, etc.) depend on the data type.
Set Special Value	Some conditions enable you to set a value for comparison. For example, if you select a date field and the "between" comparison type, the Set Special Value option enables you to specify the dates to be compared.

Comparison Types

The following table describes the comparison types that are supported for each data type when it is included in the search criteria.

Data /Type	Example	Comparison Types
String	Order Type (DCTO)	Equal, not equal, starts with, ends with, contains, between, in list, is blank, is not blank
Character	Type Code (TYC)	=, !=, <, <=, >, >=, between, in list
Numeric	Address Number (AN8)	=, !=, <, <=, >, >=, between, in list
Date	Order Date (TRDJ)	=, !=, <, <=, >, >=, between, in list
JDEUtime	Start UTime (TASUTIME)	=, !=, <, <=, >, >=, between, in list

The "in list" comparison type enables you to create a list of values for a data item. When you select "in list" from the comparison drop-down list, the Add More Value icon appears. Click the icon to display another field in which to enter the next value. To remove a value from the list, delete the value in the value field. The field is removed unless it is the only value field in the list.

Special Values

Fields or QBE columns that are based on string or date data types enable you to specify additional search criteria by using the Set Special Value option. Click the down arrow to the right of the value field to display the Set Special Value pop-up window. The Set Special Value window provides additional search options for the field or QBE column. For example, you could specify search criteria for orders that are due 5 days from the current date.

To set special values, make the appropriate selections in the Set Special Value window and then click OK. To clear special values, click the Reset button. The following table describes the special value options that are available for each data type.

Data /Type	Special Value Options	Description
String	Login User ID	Some forms enable you to customize a query to return records with data related only to the user ID of the person who is logged in.
Date	Today + or Today - Value Days, Months, or Years	Use special values to search for dates that are a specified number of days, months or years before or after the current date. In the Set Special Value pop-up window, select + or -, enter a number, and then select days, months, or years from the drop-down list.

Creating and Saving Queries to Search for Data

After you create a new query, click Save on the Query Manager side panel. If you modified an existing personal query, you can click either the Save or Save As icon. Clicking Save updates the original personal query with the changes. Clicking Save As requires you to enter a new query name, so that you have the original query and a new personal query with the updates you made.

Access a form with the Query control.

1. To create a new query, select All Records from the Query drop-down list if it does not appear as the query selection.
2. Click the Manage Queries icon.
3. In the Query Manager side panel, verify that (create) is the value in the Name field. If another value appears, select (create) from the drop-down list.
4. If you want the new query to be the default query for the form, click the Set As Default option.
5. If you want the query to run automatically whenever it is selected, click the "Run query when selected" option.
6. Select either the Match Any or Match All option.
7. Click the form fields or QBE columns that you want use as search criteria. (Tools Release 9.2.9.3) Alternatively, you can search for a form field or QBE column that you want to map as the left operand using the Search field next to Additional Fields Selection.

   > **Note:** You can select only the form fields and QBE columns that have a plus sign.

8. Select a comparison type for each field or QBE column.
9. Specify the comparison value for each field or QBE column in the query.

> **Note:** The system displays an error if the value entered is not valid. Close the error dialog box and enter a valid value.

10. (Tools Release 9.2.9.3) Use the Column field to map the right operand that you want to compare with the left operand. You can map the right operand by selecting a form field or a QBE column with the same data type (Number, String, Date, and UTIME) as the left operand. This field is only applicable (visible) for the following operators across all four data types: =, !=, >, >=, <, <=. For the Number data type, columns with a different display decimal are excluded.
11. For date or string data items, enter a value for comparison, select the down arrow to specify values, or select either the form field or the QBE column in the Set Special Value pop-up window.
12. Click the Find button in the Query Manager side panel or on the form to run the query.
13. To save the query, click the Save Query icon in the Query Manager side panel and enter a name for the query. The new query name appears in the Query field.
14. Close the Query Manager side panel.

    The new query name appears in the Query field on the form. To find records without using a query, you must reset the Query field to All Records.

Using Existing Queries to Search for Data

Access a form with the Query control.

1. From the Query drop-down list, select the query that contains the search criteria that you want to apply.
2. Click the Find button to display the search results.

    If the query includes the "Run query when selected" option, the Find happens as soon as the query is selected.

Copying Queries

Access a form with the Query control.

1. From the Query field, select the query that you want to copy.
2. Click the Manage Queries icon to display the search criteria.
3. If desired, change the search criteria.
4. In the Query Manager side panel, click the Save As icon.
5. Enter a name for the query.

    The new query name appears in the Query field.
6. Close the Query Manager side panel.

    The new query name appears in the Query field on the form. To find records without using a query, you must reset the Query field to All Records.

Modifying, Publishing, and Deleting Queries

For more information on these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

Selecting Additional Fields

See *Creating and Saving Queries to Search for Data*.

In the Query Manager side panel, you can select a comparison type for each field or query-by-example (QBE) column and specify the comparison value for the query. To do this, click on the form fields or QBE columns you wish to use as search criteria. Only the form fields and QBE columns with a plus sign are available for selection. (Tools Release 9.2.9.3) The Column field is only applicable (visible) for the following operators across all four data types: =, !=, >, >=, <, <=. The data type mapped to the right operand must match the data type of the left operand. Additionally, for the Number data type, columns with a different display decimal are excluded.

Alternatively, you can use the Additional Fields Selection section to select the form fields or QBE columns. This section displays only the business view (BSVW) columns that are included on the form including the hidden columns. For example, if BSVW includes the columns A, B and C; A is displayed on the form, B is hidden and C is not included, then the Additional Fields Selection section displays A and B columns.

Clearing the Form

You can clear the values that you have entered on the form. For example, the values entered in the header or QBE column.

To clear the values on the form, select Clear Form When Selected option in the Query Manager side panel to clear the values on the form automatically when the query is selected.

5 Personal Forms (Release 9.2.1)

Personal Forms Overview

JD Edwards EnterpriseOne Personal Forms enable you to customize how your form is displayed. You can personalize a form based on your requirements, roles, and specific needs. Using the Personal Forms Manager user interface, you can customize the forms by hiding/showing, moving, renaming, resizing, and repositioning the controls in a form. Additionally, you can hide, unhide, or rename the Form, Row, and Report exits on a form (Release 9.2.2.4). The Personal Forms Manager design panel enables you to implement your specific user interface changes without any form design aid (FDA) based modifications.

The Personalize Form feature is available in the Find/Browse, Fix/Inspect, Search/Select, Header Detail, Headerless Detail, and Power forms and subforms (Release 9.2.1.2).

Any Personal Forms that you save are listed in the Personal Form drop-down list, which appears in the header bar of an application form. You can switch between them by selecting the Personal Form you want in the list. The Personal Form drop-down list displays all the Personal Forms that are available to you.

Working with Personal Forms Manager

You use the Personal Forms Manager to create, modify, delete, and save personalized forms. Your ability to create a Personal Form depends on whether your system administrator has enabled the Personalize Form feature. If you do not see the Personalize Form icon in the bar located at the top of the form, you do not have permissions to personalize the form.

When you click the Personalize Form icon on the header bar of the EnterpriseOne application form, the Personal Forms Manager side panel is displayed. This indicates the form is ready for UI customization. When the side panel is displayed, all the user actions and event rules are disabled in the form.

You can personalize the controls on a form, and Form, Row, and Report exits. (Release 9.2.2.4)

Use the Personalize Exits link to personalize the Form, Row, and Report exits. The Form Menu Personalization window includes locator links that enable you to navigate through the different levels of menus in the menu hierarchy. (Release 9.2.2.4)

The Hide icon is represented by a red square with a minus sign (-) on the form, and the Unhide icon is represented by a green square with a plus sign (+) in the side panel.

The Hide icons on the form designate controls that you can select and personalize for a specific form. When you click the Hide icon on the field or form control, the item appears in the Personal Forms Manager side panel.

> **Note:** You cannot hide specific fields and its parent controls (such as group box and tab page) that are marked as "required" in FDA.

The icons in the Personal Forms Manager panel are available for all User Defined Objects (UDOs). For more information, see *UDO Life Cycle and Statuses* in this guide.

If any of the icons are grayed out, the action is not available for the selected form or is not available until you select another action.

For details about using the icons in the Personal Forms Manager, see the following topics:

- Save and Save As: See *Saving Personal Forms*
- Request to Publish: See *Publishing UDOs*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*
- Notes: See *Modifying a UDO that was Rejected for Publishing*
- About Personalize Form: Enables you to view the information about the enabled Personal Form.
- Close: Enables you to exit the Personal Forms Manager and return to the form

Creating a Personal Form

To create a personal Form:

1. Open the EnterpriseOne application form for which you want to create a new personalized form.
2. Click the Personalize Form icon.

   The Personal Forms Manager side panel appears and the form area is highlighted. The Hide icons on the form designate each control that you can select and personalize for the form.

   > **Note:** A Personal Form design mode behaves similar to the design mode in FDA.

3. In the Personal Forms Manager, ensure (Create) is the value in the Name field.
4. Select the Set As Default option to designate the new Personal Form as the default one for the form.
5. Select the grid format you want to associate with the Personal Form from the Grid Format drop-down list.

   In a Power form with subforms, you can associate a grid format with each of the subforms. (Release 9.2.1.2)

   > **Note:** If a grid format that is associated with the Personal Form is deleted, then the default grid format is automatically assigned to the Personal Form.

   In the Version field, the system displays the associated form version.
6. Select the Update Tab Sequence option to change the tab sequence on a form. (Release 9.2.1.2)

   The tab sequence of the controls determines the order in which the cursor moves through the controls on the form. Each control that is designated as a tab stop is numbered to reflect the cursor movement. When you press the Tab key, the cursor moves sequentially to the next control (tab stop) on the form.

   When you select the Update Tab Sequence option, the Personal Form displays the default tab sequence as set in the FDA. Change the number in the field to reflect where you want that field in sequence with the other fields. The form automatically adjusts the tab sequence of the remaining fields in the sequence. For example, if you change the tab sequence of a field from 2 to 4, the tab indices of the remaining fields adjust as follows:

Original Field Sequence	Adjusted Field Sequence
Field 1	Field 1

Original Field Sequence	Adjusted Field Sequence
Field 2	Field 4
Field 3	Field 2
Field 4	Field 3

While changing the tab sequence, you can enter only positive integers in the fields. If you do not enter any value for a field, the value entered for the tab sequence in FDA is used.

> **Note:** You cannot hide/show or move the controls in a Personal Form if the Update Tab Sequence option is selected.

7. Make changes to the form controls as described below:

   - **Hiding Form Controls**

     You can hide controls in the form that you might not need on a Personal Form. You can show the hidden controls when you need them. Along with the fields, you can hide or show all the available form controls.

     > **Note:** (Release 9.2.4.4) The Hide icon is displayed for all the containers. However, you cannot hide a container if it has a control that is marked as required. If you attempt to hide the container, the system displays a message that you cannot hide it because it has a required field.

     To hide the form controls, choose one of these hide control options:

     - Click the Hide button on the control that you want to hide in the form.

     - Right-click the control that you want to hide in the form, and select the Hide option from the context menu.

     When you hide a field or form control, the item appears in the Personal Forms Manager side panel. These items can be added back to the form.

     Hidden items are grouped by the containers (such as group box and tab pane) they belong to and display the container labels. In case of multiple tabs, the tab names are also displayed. You can expand or collapse the form controls on the Personal Forms Manager.

     When you hide fields from subforms, the hidden items are displayed in the side panel, grouped by their subforms. In the side panel, the term "(subform)" is appended to the container label to identify it as the subform's items. In the form, the term "(subform)" is appended to the subform title to indicate that it is a subform. (Release 9.2.1.2)

Hovering over the hidden items displays the control information such as Control ID, Control Title, and DD Information associated with the control.

> **Note:** You cannot hide the grid in a form.

While personalizing forms with more than six tab pages, you can use the navigation arrows to navigate to the other tab pages. During the runtime, the names of the tab pages of the form are displayed in a drop-down list.

- **Showing Form Controls**

  You can show one or more controls in the form that you might have removed from a Personal Form. The hidden items are displayed in the Personal Forms Manager side panel.

  To show the form controls, choose one of these options:

  - Click the Unhide button on the control that you want to show in the Personal Forms Manager. The hidden control appears in the positions it was hidden from the form.

  If you click the Unhide button on the container (such as group box, tab pages), all the hidden items belonging to that particular container appear in the form. Clicking the Unhide button on an individual item causes only the selected item to appear in the form.

  - Select the control in the Personal Forms Manager, and then drag and drop it to any location in the form.

  When you drag an item to a form, the background color changes depending on where you place the control in the form.

  > **Note:** You cannot drag and drop an item to a different tab or to a grid.

- **Renaming Field Labels**

  You can edit the name of field labels, the form name, the title of the tab page as well as the title of the group box on a personal form according to your preference.

  > **Note:** Starting with Release 9.2.4.4, translations are supported for the renamed labels. For more information, see *Translating Renamed Labels (Release 9.2.4.4)*.

  To rename the field label, right-click or double-click the field in the form, and then select the Rename Label option from the context menu. The field is selected as indicated by a dotted border; you can now edit the label.

  With Release 9.2.1.2, you can use the Rename Label option to rename the title of the tab page and the group box. Note that while renaming the labels, the system does not allow any special characters except an underscore "_".

  To rename the form title, double-click the form title. The title is selected and you can now edit the label.

  > **Note:** You can rename only the title of the current active tab page.

- **Resetting Form Controls**

You can reset the form controls to their original positions on a Personal Form. If you have resized a form control by changing its height and width, when you use the Reset option, the system resets the form control to its original height and width.

To reset a form control, right-click the control in the form, and then select the Reset option from the context menu.

If you move a form control out of a tab or place it in a different tab, the control will revert to its original tab when you reset it.

- **Resizing Form Controls**

  You can resize the controls within a form by placing the cursor on the blue border in the form and drag the border as required. Similarly, you can resize the form controls.

- **Repositioning Form Controls**

  You can reposition the controls within a form. You can select the control in the form that you want to reposition and drag the control to a different position on the form. When you drag an item to a form, the background color changes depending on where you place the control in the form.

  With Release 9.2.1.2, gridlines are displayed when you drag or position a field on the form. You can use the gridlines to align and position the fields precisely on the form. You can have the fields snap to the nearest intersection of the gridlines.

  You can also use the arrow keys on the keyboard to move the controls in a form. To do so, first click the field that you want to reposition, and then use the Up/Down and Left/Right arrow keys to move the selected field. The gridlines are displayed when you move a field using the arrow keys. This enables you to align the fields precisely on the form. By using the arrow keys, you can move a field only within the parent control such as the group box and tab page. You can use the arrow keys when you have to move the field pixel by pixel, which is helpful in lining up the fields.

  An alternative way to reposition controls within a form is by using the Cut/Paste option from the context menu. To reposition a form control, right-click the control in the form, select the Cut option from the context menu, and then use the Paste option from the context menu to place the control at the insertion point. This option is helpful when repositioning the controls from one tab page to another.

  > **Note:** In Power forms, you cannot move a control from one subform to another subform. You can reposition the controls only within a subform.

- **Marking a Field as Required** (Release 9.2.1.2)

  You can mark text fields as required on a Personal Form, indicating that users must enter a value in these fields before they can execute a form-level action.

  To mark a text field as required, right-click the text field in the form, and then select the Mark as Required option from the context menu. At runtime, the form displays an asterisk next to the required text field label if the label is associated to the text field in FDA.

  Starting with Release 9.2.4.4, you can move a field, which has been marked as required, from a container to another container. For example, you can move a field that has been marked as required from a tab or group box to another tab or group box.

  > **Note:** You cannot hide a field that is marked as required.

8. (Release 9.2.2.4) To hide, show, or rename Form, Row, and Report exits, click the Personalize Exits link.

In the Form Menu Personalization window, make the changes as described below, and then click OK. After making the changes, if you click Close on the Form Menu Personalization window, the system displays a warning message. If you click OK, the system does not save any changes made to the form. Click Cancel and then click OK to save your changes.

- **Hiding Form, Row, and Report Exits**

  You can hide a Form, Row, or Report exit that you do not need on a personal form. For example, as a customer service manager, if you do not need the Matrix Order Row exit in the Sales Order Entry application (P4210), you can hide it.

  - To hide a Form exit, click the Form tab and then click the Hide button for the menu exit that you want to hide.
  - To hide a Row exit, click the Row tab and then click the Hide button for the menu exit that you want to hide.
  - To hide a Report exit, click the Report tab and then click the Hide button for the menu exit that you want to hide.
- **Showing Form, Row, and Report Exits**

  If you have hidden any Form, Row, or Report exits on a personal form, you can unhide or show them.

  - To show a Form exit, click the Form tab and then click the Unhide button for the menu exit that you want to show.
  - To show a Row exit, click the Row tab and then click the Unhide button for the menu exit that you want to show.
  - To show a Report exit, click the Report tab and then click the Unhide button for the menu exit that you want to show.

  An Expand icon beside a Form, Row, or Report exit indicates that it is a parent and has one or more child menu exits. To hide or show only the child menu exit, click the Expand icon and then click the Hide or Unhide button for the child menu exit.

  > **Note:** If you hide or show a Form, Row, or Report exit that has one or more child menu exits, the system hides or shows all the child menu exits when you save the personal form. If you unhide a child menu exit that has a hidden parent, then the system unhides the parent.

- **Renaming Form, Row, and Report Exits**

  You can rename the Form, Row, and Report exits on a personal form. This capability enables you to keep more meaningful Form, Row, and Report exit names based on your business requirements. For example, as a purchase manager, you may want to rename the Row exit, Additional Info 1, in the Purchase

Order Entry application to a more meaningful and personalized Row exit name based on your business requirements.

Starting with Release 9.2.4.4, translation is supported for the renamed menu exits.

To rename the Form, Row, or Report exit, right-click the Form, Row, or Report exit in the Form Menu Personalization window, and then select Rename Label from the context menu. Alternatively, you can double-click the Form, Row, or Report exit. Enter the new name for the menu exit.

The following table lists the special characters that you cannot enter when you rename Form, Row, and Report exits:

Character	Name
~	tilde
`	grave accent
!	exclamation point
$	dollar sign
%	percent sign
^	caret
*	asterisk
+	plus sign
=	equal sign
;	semicolon
:	colon
\	backslash
"	double quotation mark
<	less than symbol

Character	Name
,	comma
>	greater than symbol
?	question mark

Note: You can apply hyper exit security to the personalized Form, Row, and Report exits on a personal form. See Also:

- *"Managing Hyper Exit Security"* in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

Note: `Click here to view a recording of this feature.`

9. Click Save.

Note: If you do not save the Personal Form and navigate to any other form, all the changes will be lost.

10. In the Enter New Name dialog box, enter a unique name for the Personal Form. The new personalized form is saved under the Personal category with the name you entered.
11. Click OK.
12. Click Close to close the Personal Forms Manager.

The newly created form is saved as a personal Personal Form. If you request the Personal Form to be published, it appears on the Name drop-down list under the Pending Approval category. After the Personal Form is approved for publishing, it appears under the Shared category. See *Common Tasks for User Defined Objects* for more information.

Note:

- Accessibility for Personal Forms is available only at runtime. There is no design mode support.
- Personal Forms do not support right to left (RTL) text direction in the design mode.

Note: `Click here to view a recording of this feature.`

Saving Personal Forms

If you modify an existing Personal Form, you can click either the Save or Save As icon. Clicking Save updates the original Personal Form with the changes. Clicking Save As requires you to enter a new name for the Personal Form so that you have the original Personal Form as well as new Personal Form with the updates you made.

If you close the Personal Forms Manager without saving it, all the changes that you made to the form are cancelled.

After you save the Personal Form, it appears on the Name drop-down list under the personal category. If you have permission to publish, you can request that the Personal Form be published, which moves the Personal Form to a pending approval state for approval by your administrator. After the Personal Form is approved for publishing, it appears under the shared category.

Modifying, Publishing, and Deleting Personal Forms

For more information on these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

Translating Renamed Labels (Release 9.2.4.4)

Starting with Tools Release 9.2.4.4, you can use the User Defined Objects Language Translations application (P9860WD) to change the language for the name and description of the personalized labels. For information about adding language translations to UDO content, see *"Translations" in the JD Edwards EnterpriseOne Tools Translation Tools Guide* .

6 Composed EnterpriseOne Pages (Release 9.2.0.2)

Composed EnterpriseOne Pages Overview

Composed EnterpriseOne Pages are EnterpriseOne pages with user defined layouts that you can create and design. They provide a user experience that enables you to access multiple content types from a single page. Composed EnterpriseOne Pages enable you to access web pages, EnterpriseOne application forms, One View Reports, Classic Pages, Designer Panes, Watchlist Panes, Springboard Panes, OBIEE objects, ADF applications, (Release 9.2.9.4) Widgets, and (Release 9.2.6) orchestrations and notifications from page layouts you create in EnterpriseOne.

Composed EnterpriseOne Pages and Classic EnterpriseOne Pages differ in that you do not need to have HTML coding knowledge to create Composed EnterpriseOne Pages.

A Composed EnterpriseOne Page consists of one or more content types. Composed EnterpriseOne Pages display content vertically and horizontally in the page, and are viewed in a single browser window. You can view a frame of content in maximized mode. You can also resize content frames at runtime.

Both Composed EnterpriseOne Pages and Classic EnterpriseOne Pages display as tabs across the top of the screen when you login to EnterpriseOne. Applications embedded in Composed EnterpriseOne Pages do not contain a Close button. Instead, you can navigate away from the application by clicking other content within the page. When you navigate away from an application in a Composed EnterpriseOne Page, EnterpriseOne saves any information you have already entered, so when you return, your information remains as you left it. However, such information will not be saved across different user sessions.

Accessing Composed EnterpriseOne Pages

Your EnterpriseOne administrator authorizes users and content for collaboration on the Composed EnterpriseOne Page. Your EnterpriseOne administrator also grants permission to view, create, and publish content. Your administrator assigns you one of the following access levels:

- View Composed EnterpriseOne Page
  Enables you view the shared Composed EnterpriseOne Pages.
- Create Content and Composed EnterpriseOne Page
  Enables you to place new content on a personal Composed EnterpriseOne Page for your use only.
- Create and Publish Content and Composed EnterpriseOne Page
  Enables you to place new content on a Composed EnterpriseOne Page and request that the page be published so that other authorized users have access to the shared Composed EnterpriseOne Page.
- Modify Composed EnterpriseOne Page
  Enables you to reserve and modify a shared Composed EnterpriseOne Page created by other authorized users.

A user who is authorized to create and publish content organizes content frames on a Composed EnterpriseOne Page and publishes the Composed EnterpriseOne Page so that authorized users can view and use the content on the Composed EnterpriseOne Page. Your EnterpriseOne administrator controls the content that is available for you.

> **Note:** A white dot beside the name of a Composed EnterpriseOne Page indicates that the Composed EnterpriseOne Page is a personal page you created.

Content Types for Composed EnterpriseOne Pages

You can create Composed EnterpriseOne Pages with the following content types. You can create them for your own use, view ones other users have created, or share yours so others can view and use them. Your ability to perform any of these tasks depends on the permissions you and others have been granted by your administrator.

Designer Pane

You can add a Designer Pane to a Composed EnterpriseOne Page. A Designer Pane provides quick and easy access to frequently used components such as EnterpriseOne applications, batch versions, tasks, Watchlist, ADF applications, (Release 9.2.6) orchestrations and notifications, and (Release 9.2.7.4) EnterpriseOne pages (Classic EnerpriseOne Page or Composed EnterpriseOne Page). In Page Composer, the Designer Pane is a grid to which you can add various components. The Designer Pane is like a canvas on which you can create a process flow.

See *Adding a Designer Pane to a Composed EnterpriseOne Page* and *Working with Designer Pane* in this guide.

One View Report

You can add a One View Report to a Composed EnterpriseOne Page. A One View Report provides an intuitive, easy-to-use interface for you to access and run existing reports that contain tables, graphs, and charts.

> **Note:** You can add only *one* One View Report content type to a given Composed EnterpriseOne Page. Once you choose to add One View Report content type, that option is not available again in the Content Type pop-up menu.

See *Adding a One View Report (OVR) to a Composed EnterpriseOne Page* in this guide.

EnterpriseOne Application

You can embed multiple EnterpriseOne forms on a Composed EnterpriseOne Page. An EnterpriseOne application form is a page in which you can enter and retrieve data. Applications might have several forms. You can embed any EnterpriseOne application form including external forms in a Composed EnterpriseOne Page. However, you cannot embed an external form with an external application type of Composed EnterpriseOne Page. Message forms such as warning messages and subforms cannot be embedded in a Composed EnterpriseOne Page. Standard security applies to all EnterpriseOne forms on the Composed EnterpriseOne Page. If you are secured out of a specific EnterpriseOne form, you cannot access it on the Composed EnterpriseOne Page.

> **Note:** External forms can also be embedded as EnterpriseOne Applications except for the following:
> - Only one ADF content type can be embedded on a Composed EnterpriseOne Page. This includes both ADF application content types and EnterpriseOne Application content types that consist of an external form with an external application type of ADF.
> - External forms with an external application type of Composed EnterpriseOne Page cannot be embedded on a Composed EnterpriseOne Page. They will not appear in the list of available forms.
>
> (Release 9.2.1)

See *Adding an EnterpriseOne Application Form to a Composed EnterpriseOne Page* in this guide.

Classic Page

You can add a Classic Page to a Composed EnterpriseOne Page. Classic Pages are EnterpriseOne pages that are HTML files, and can contain any HTML-enabled functionality, such as interactive process flows, URL links and web pages, company logos, etc. You must be proficient in coding HTML to configure or create Classic Pages.

Classic Pages used to be referred to as EnterpriseOne Pages.

See *Adding a Classic Page to a Composed EnterpriseOne Page* in this guide.

URL

You can add a web page to a Composed EnterpriseOne Page. This content type enables you to embed the content of a web page in a Composed EnterpriseOne Page. Web page content is the information that you see when you access an Internet site using a URL address. In the Page Composer, you use the web page content the same way as when you access the web page typing a URL in a web browser address bar.

See *Adding a URL to a Composed EnterpriseOne Page* in this guide.

ADF Application

You can add an EnterpriseOne ADF (Application Development Framework) application to a Composed EnterpriseOne Page. ADF applications are a type of application intended to enhance the user experience using Oracle ADF technology.

> **Note:** You can add only *one* ADF application content type to a given Composed EnterpriseOne Page. Once you choose to add an ADF application content type, that option is not available again in the Content Type pop-up menu.

See *Adding an ADF Application to a Composed EnterpriseOne Page* in this guide.

OBIEE

You can add an OBIEE (Oracle Business Intelligence Enterprise Edition) object to a Composed EnterpriseOne Page. OBIEE is a comprehensive suite of enterprise BI products that delivers a full range of analysis and reporting capabilities along with a unified, highly scalable and modern architecture.

Oracle Business Intelligence Enterprise Edition (OBIEE) content frames provide users quick access to Oracle Business Intelligence information.

> **Note:** To create and view the OBIEE content type, you and any user who needs this information must have access to the environment.

> **Note:** OBIEE content frames are available on the Composed EnterpriseOne Page only when OBIEE and the Oracle BI Applications Adapter for EnterpriseOne are installed and setup for your environment.

See *Adding OBIEE to a Composed EnterpriseOne Page* in this guide.

Watchlist Pane (Release 9.2.0.3)

You can add a Watchlist Pane to a Composed EnterpriseOne Page. A Watchlist represents a collection of items that match the criteria that were set up for that Watchlist. Watchlists enable you to easily identify and take action when data has exceeded acceptable thresholds. Personal Watchlists, as well as the shared Watchlists that are available to you, can be added to the Watchlist Pane of the Composed EnterpriseOne Page.

> **Note:** Starting with Tools Release 9.2.9.3, Widgets are displayed along with Watchlists on the Watchlist pane.

> **Note:** You can add only *one* Watchlist Pane to a given Composed EnterpriseOne Page. Once you choose to add a Watchlist Pane, that option is not available again in the Content Type pop-up menu.

See *Adding a Watchlist Pane to a Composed EnterpriseOne Page* in this guide.

Springboard Pane (Release 9.2.1)

You can add a Springboard Pane to a Composed EnterpriseOne Page. A Springboard Pane consists of a collection of tasks available to a role. The tasks launched from the Springboard Pane can be EnterpriseOne applications, batch programs, ADF applications, and One View Reports. When you launch a task item from the Springboard Pane, the system opens the associated application in a separate frame and launches a springboard at the top of the form. The Springboard Pane uses menu indexing to determine the correct set of task items to be displayed for a role.

> **Note:** To view a task in the Springboard, you must have the required permission that includes menu filtering, task view security, application security, and OVR UDO view security.

See *Adding a Springboard Pane to a Composed EnterpriseOne Page (Release 9.2.1)* and *Working with Task Index Builds (Release 9.2.1)*.

Menu Pane (Release 9.2.4.3)

You can add a Menu Pane to a Composed EnterpriseOne Page. The Menu Pane enables you to navigate to EnterpriseOne menus or favorites on a Composed Page.

See *Adding a Menu Pane to a Composed EnterpriseOne Page (Release 9.2.4.3)*

Widget Pane (Release 9.2.9.4)

The Widget Pane enables you to add the Widgets on the Composed Page.

Using EnterpriseOne Widgets, you can create, publish, and visualize data that an orchestration can produce. EnterpriseOne Widgets evolve the concept of One View Watchlists by allowing the source of data to come from orchestration output.

Personal Widgets, as well as the shared Widgets that are available to you, can be added to the Widget Pane of the Composed EnterpriseOne Page.

See *Designing the EnterpriseOne Widgets* and *Adding a Widget Pane to a Composed EnterpriseOne Page*

Enterprise Process Pane (Release 9.2.26.0)

The Enterprise Process Pane enables you to add the enterprise processes on the Composed Page.

Using the Enteprise Process Pane, you can choose from a set of user generated enterprise process UDOs, visualize a graphic of the process model, visualize KPIs, metrics and measurements that apply to nodes and connections within the process model, and other functions.

Personal enterprise processes, as well as the shared processes that are available to you, can be selected from the Select Process drop-down list in the Enterprise Process Pane of the Composed EnterpriseOne Page.

See:

- *Adding an Enterprise Process Pane to a Composed EnterpriseOne Page*
- *Enterprise Process Pane at Runtime*

- *Introduction to Enterprise Process Modeler* in the *JD Edwards EnterpriseOne Tools Enterprise Process Modeler Guide* .

Content Frames

Your EnterpriseOne administrator grants permission for you to create, publish, and modify Composed EnterpriseOne Pages. In addition to these permissions, your administrator must also enable content security to authorize you and other enabled users to work with and view content types.

See "Managing Security for User Defined Objects" and "Managing Content Security for Composite Page" in the *JD Edwards EnterpriseOne Tools Security Administration Guide*

Assuming that content security is enabled and the appropriate permissions have been granted, the system supports creating these types of content:

- Designer Pane
- One View Report
- EnterpriseOne Application
- Classic Page
- URL
- ADF Application
- OBIEE
- Watchlist Pane (Release 9.2.0.3)
- Springboard Pane (Release 9.2.1)
- Menu Pane (Release 9.2.4.3)
- Widget Pane (Release 9.2.9.4)
- Enterprise Process Pane (Release 9.2.26.0)

A Composed EnterpriseOne Page can contain any one or more of the content types. The content appears in content frames. The content frame title bar typically shows a title for the content and popup icons.

Resizing Content Frames

You can resize a content frame to show more or less content. When you resize a content frame, the layout automatically resizes adjoining content to fit on the Composed EnterpriseOne Page. To resize a content frame, place your cursor either horizontally or vertically between two content frames. A thin blue line appears, and you change the size of the content frame by moving the blue line.

You can view each content in maximized mode. Each content frame title bar includes a popup icon. When you click the popup icon, the content appears in maximized mode. Click the same icon again to return to the Composed EnterpriseOne Page.

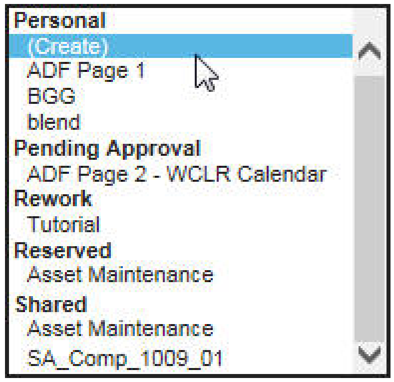
Minimizing and Maximizing Content Frames (Release 9.2.1)

You can minimize a content frame to provide more space on the Composed EnterpriseOne Page for remaining frames. To minimize a frame, click the Minimize Content icon displayed on the title bar of the content frame. When you minimize a content frame, it appears as a tab on the right-hand side of the Composed EnterpriseOne Page.

To maximize a minimized frame, click the tab. The frame appears on the Composed EnterpriseOne Page in the same position it was before you minimized it.

Using Page Composer

You must be in Page Composer to create a new Composed EnterpriseOne Page, or to make changes to existing Composed EnterpriseOne Pages. In Page Composer, you can add, delete, resize, and reposition content. When you click the Name drop-down list in Page Composer, you see Composed EnterpriseOne Pages that are available to you and are in one of these categories as shown in the following example:



- **Personal**: Composed EnterpriseOne Pages that are viewable by you only.
- **Pending Approval**: Composed EnterpriseOne Pages that you created or modified and requested to be published so that they can be shared with other authorized users. Only you can see your Composed EnterpriseOne Page that is pending approval.
- **Rework**: Composed EnterpriseOne Pages that are rejected for publishing and have been returned to you for fixing. Only you can see the Composed EnterpriseOne Page that is in the Rework category.
- **Reserved**: Composed EnterpriseOne Pages that you have reserved so that you can change them before they are published.

  You can reserve an existing shared Composed EnterpriseOne Page. When you reserve a shared Composed EnterpriseOne Page, there are two copies of it: the original shared Composed EnterpriseOne Page that only you can view and modify (the reserved copy) and the original shared Composed EnterpriseOne Page that is still available to other authorized users. When you reserve a shared Composed EnterpriseOne Page, no other authorized user can reserve the same.
- **Shared**: Composed EnterpriseOne Pages that have been published and are available to all authorized users.

In the Page Composer, you can place content on a new Composed EnterpriseOne Page or on an existing personal Composed EnterpriseOne Page. If you select an existing Composed EnterpriseOne Page from the Name drop-down list, the workspace shows all the content that has been saved on that Composed EnterpriseOne Page.

You can add new content and you can reuse existing content. Reusable existing content can be retrieved by clicking the Open Existing Content icon and dragging and dropping the desired content on to the Composed EnterpriseOne Page.

When you add and save content, the content appears in a content frame that you position vertically or horizontally on the Composed EnterpriseOne Page. All content must be saved to a Composed EnterpriseOne Page. If you have publishing permission, you can request that the Composed EnterpriseOne Page be published so that it is available for other users. These are shared Composed EnterpriseOne Pages. If you do not have publishing permission, you can create a Composed EnterpriseOne Page, but the Composed EnterpriseOne Page is available to you only. These are personal Composed EnterpriseOne Pages.

Note: If you select a shared Composed EnterpriseOne Page to modify, you must reserve the Composed EnterpriseOne Page before you can make changes to it. You cannot delete a shared Composed EnterpriseOne Page.

You can reposition content on the Composed EnterpriseOne Page in the Page Composer by placing your cursor between two content frames (either horizontally or vertically) until a thin blue line appears. Move the content to be repositioned right or left or up or down.

Note: You must be in the Page Composer to modify Composed EnterpriseOne Pages.

Accessing Page Composer

You must be in Page Composer to edit a Composed EnterpriseOne Page.

To open a Composed EnterpriseOne Page for editing:

1. On the EnterpriseOne screen, click the user personal information located on the right side of the banner bar at the top.
2. Under the Personalization category, click the Manage Content link, then click Composed Pages. The last opened Composed EnterpriseOne Page or Welcome to EnterpriseOne Page Composer launch screen will be the default landing page. You can select other Composed EnterpriseOne Pages from the Name drop-down list.

Note: If you were on a Composed EnterpriseOne Page, the Page Composer will default to the last opened page and display its information. If you were on a Classic EnterpriseOne Page, then it will default to the launch screen.

When a Composed EnterpriseOne Page is opened in Page Composer, you see all the content that was added previously for the given Composed EnterpriseOne Page.

Using Page Composer Icons

This table shows the icons that display in Page Composer. You might see a variation of these icons and buttons, depending on the content type you are working.

Icon	Name	Description
	Create New Content	Enables you to add new content. When you click Create New Content, a popup window displays the available types of content that you can add.
	Open Existing Content	Enables you to open and edit existing content. When you click Open Existing Content, a popup window displays content that already has been created but is not included on the selected layout.
	Inspect	Enables you to review and edit the content details for existing content.

Icon	Name	Description
		When you click Inspect icon on the title bar of the content frame, a popup window displays the Link information associated with the selected content. If you want to edit content, you must have permission to modify the content.
	Delete Content	Enables you to delete the selected content. When you click the Delete Content icon on the title bar of the content frame, the selected content is deleted from the Composed EnterpriseOne Page.
	Refresh	Enables you to cancel unsaved changes in an EnterpriseOne application form. When you click Refresh before saving a change, all the unsaved changes that you made on the form are cancelled. The content frame that contains the embedded form refreshes and shows the original information. When you click Refresh for a Watchlist, the system will re-fetch the data and updates the tile with the correct Watchlist counter.

> **Note:** When you select a shared Composed EnterpriseOne Page in the Page Composer, the Create New Content and Open Existing Content icons do not appear on the toolbar.

The icons in the Page Composer panel (on the right side of the toolbar) are available for all User Defined Objects (UDOs) and are discussed in the *UDO Life Cycle and Statuses* of the *JD Edwards EnterpriseOne Tools Foundation Guide* .

If any of the icons are gray, the action is not available for the selected page or is not available until you select another action.

For detail usage of these icons in the Page Composer, see the following links.

- Save: See *Saving Composed EnterpriseOne Pages*
- Save As: See *Saving Composed EnterpriseOne Pages*
- Request to Publish: See *Publishing UDOs*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*
- Notes: See *Modifying a UDO that was Rejected for Publishing*
- About Composed Page: Enables you to view the information about the enabled Composed EnterpriseOne Page.
- Close: Enables you to exit the Page Composer and return to Composed EnterpriseOne Page.

Creating a New Composed EnterpriseOne Page

To create a Composed EnterpriseOne Page:

1. Open EnterpriseOne.
2. In the upper-right corner of the screen, click your login name.
3. Under the **Personalization** category, click **Manage Content**, and then click **Composed Pages**.
4. If you were on a Composed EnterpriseOne Page, the Page Composer will default to the last opened page and display its information. The name of the page is displayed in the Name field located at the top of the screen.

   If you were on a Classic Page, you will see the **Welcome to EnterpriseOne Page Composer!** launch screen.
5. On the launch screen, select **(Create)** from the **Name** field. Enter information into the following fields:

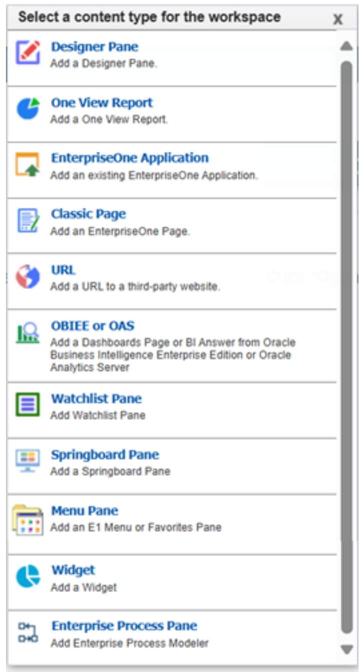
   - Product Code

     Type the product code you want to associate with the Composed EnterpriseOne Page. Oracle recommends you use product code 55 for customized Composed EnterpriseOne Pages. The product code is set to 55 by default.
   - Description

     Enter a description for the Composed EnterpriseOne Page.

     If you do not enter information in this field, the Description defaults from the name you specify when you save your Composed EnterpriseOne Page. You can update the description using this field after the Composed EnterpriseOne Page is saved.

6. Click the **Create New Content** icon on the banner bar across the top of the screen. The **Select a content type for the workspace** dialog is displayed. From this dialog, you can choose from various content types to add to your Composed EnterpriseOne Page as shown in the following example:



Note:

- Watchlist Pane is available only with Release 9.2.0.3 and later.
- Springboard Pane is available only with Release 9.2.1 and later.
- Menu Pane is available only with Release 9.2.4.3 and later.
- Widget Pane is available only with Release 9.2.9.4 and later.
- Enterprise Process Pane is available only with Release 9.2.26.0 and later.

7. Drag and drop the content type that you want to add to the Composed EnterpriseOne Page. The section *Content Types for Composed EnterpriseOne Pages* describes each content type you select, and for detailed steps for a particular content type, see the following links:

   Adding a One View Report (OVR) to a Composed EnterpriseOne Page

   Adding an EnterpriseOne Application Form to a Composed EnterpriseOne Page

   Adding a Classic Page to a Composed EnterpriseOne Page

   Adding a URL to a Composed EnterpriseOne Page

   Adding an ADF Application to a Composed EnterpriseOne Page

   Adding OBIEE to a Composed EnterpriseOne Page

   Adding a Watchlist Pane to a Composed EnterpriseOne Page

   Adding a Designer Pane to a Composed EnterpriseOne Page

   Adding a Springboard Pane to a Composed EnterpriseOne Page (Release 9.2.1)

   Adding a Menu Pane to a Composed EnterpriseOne Page (Release 9.2.4.3)

   Adding a Widget Pane to a Composed EnterpriseOne Page (Release 9.2.9.4)

   Adding an Enterprise Process Pane to a Composed EnterpriseOne Page (Release 9.2.26.0)
8. Click **Save**.
9. On the **Enter New Name** dialog, type the name that will display as the name of the Composed EnterpriseOne Page tab.
10. Click **OK**.

After you create and save the Composed EnterpriseOne Page, this becomes a personal Composed EnterpriseOne Page. If you request the Composed EnterpriseOne Page be published, the Composed EnterpriseOne Page appears on the Name drop-down list under the Pending Approval category. After the Composed EnterpriseOne Page is approved for publishing, the Composed EnterpriseOne Page appears on the Name drop-down list under the Shared category.

See *Saving Composed EnterpriseOne Pages* in this guide.

Note: Your system administrator has to setup view security for you to view a shared Composed EnterpriseOne Page.

Note: *Click here to view a recording of this feature.*

Reusing Existing Content

Content that is on a shared Composed EnterpriseOne Page is available for use on other Composed EnterpriseOne Pages. Content can be used on a single Composed EnterpriseOne Page only once but can be used on multiple Composed EnterpriseOne Pages. After you embed existing content on the working Composed EnterpriseOne Page, it no longer appears in the Open Existing Content list for the given Composed EnterpriseOne Page.

You can access reusable content by clicking the Open Existing Content icon. From the content palette, you can click on the desired content and drag and drop the content onto the Composed EnterpriseOne Page. The palette shows each

Composed EnterpriseOne Page by its name and whether the Composed EnterpriseOne Page is personal, reserved or shared. Personal Composed EnterpriseOne Pages are viewable only to the user who created them. The content for each Composed EnterpriseOne Page appears under its name. Within a Composed EnterpriseOne Page, the content is grouped by content type. Within each content type, the content is listed alphabetically by the name that was entered in the Name field when content was created. The description that is entered when the content was created appears on the palette under the content name (this description is the name of the content frame). The date and time that the content was created is also listed. You can use any content that is listed on the palette, even if you did not create that content.

Note: You cannot reuse Designer Pane content.

Saving Composed EnterpriseOne Pages

After you create the content, click Save on the title bar of the content frame. This action places the content on the Composed EnterpriseOne Page. If you decide you do not want to keep the content, click the Delete Content icon on the right side of the content frame.

If you have created or reused content on a new Composed EnterpriseOne Page (by selecting Create in the Name field), click the Save icon and provide a name for the Composed EnterpriseOne Page.

If you have modified an existing personal Composed EnterpriseOne Page (by adding, modifying, or deleting content that is on that page, or repositioning content on the page), you can click either the Save or Save As icon. Clicking Save updates the original personal Composed EnterpriseOne Page with the changes. Clicking Save As requires you to enter a new Composed EnterpriseOne Page name, so that you have the original personal Composed EnterpriseOne Page and a new personal Composed EnterpriseOne Page with the updates you made.

If you close the Page Composer without saving the Composed EnterpriseOne Page, the system sends a warning message. If you click OK on the warning message, any changes you made to the content or Composed EnterpriseOne Page are cancelled.

Note: You cannot save a Composed EnterpriseOne Page, if the Composed EnterpriseOne Page does not have any content added to it.

After you save the Composed EnterpriseOne Page, it appears on the Name drop-down list as a personal Composed EnterpriseOne Page. If you have permission to publish content, you can request that the Composed EnterpriseOne Page be published, which places the Composed EnterpriseOne Page in a pending approval state for approval by your administrator.

Modifying, Publishing, and Deleting Composed EnterpriseOne Pages

For more information on these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

Translating Content

See *"Translations" in the JD Edwards EnterpriseOne Tools Translation Tools Guide* for information about translating content. For Classic EnterpriseOne pages, see *Enabling Classic EnterpriseOne Page Translation*.

Adding a One View Report (OVR) to a Composed EnterpriseOne Page

You must be in the Page Composer to add One View Report content type.

To add a One View Report to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add One View Report.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the One View Report icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to One View Report dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering One View Report Information

The section describes the tasks associated with creating One View Report content.

1. On Create Link to One View Report, complete the following fields and tasks:

    - Application

      Enter the ID of the EnterpriseOne application for which you want to produce One View Reports and press Tab. This is a required field.

      The application ID is the program number, for example, P01012 for Address book, P4210 for Sales Order, and so on.

      After pressing Tab, the system populates the remaining fields in this section. You can change the system-entered information.
    - Form

      Select the EnterpriseOne form for which you want to produce One View Reports. This is a required field.

      The forms that are available depend on the EnterpriseOne application that you select. The available forms are listed alphabetically. The system automatically enters the first listed form in the Form field. These are the only forms you can use for the application that you entered.
    - Version

      Select the application version. This is an optional field.

      The system searches system table F983051 for available versions for the form that you entered in the previous field. The available versions are listed alphabetically. The system automatically enters the first listed version in the Version field. You must use a version from the Version drop-down list.
    - Report

      Select a report. This is a required field.

      This drop-down list shows the shared reports and the personal reports for the form that you entered.

      The system automatically enters the first listed report in the Report field. You can distinguish whether a report is personal or shared using the hash symbol (#). If a report option has a hash symbol (#) as prefix, it indicates a personal report.
    - Query

      Select a query to locate the data that you want to appear in the report. This is an optional field.

      The Query drop-down list shows the shared and personal queries based on the form/version selected that you entered.

      Queries enable you to select fields and add conditions to narrow your search results. In this way, the data is more specific.
    - Name

      Enter a name for the content. This is a required field.

      The system automatically enters and updates this field with the application ID, form ID, version ID, report ID, and query ID that are entered in the previous fields. You can change this entry to a more meaningful name. The name that you assign the content frame appears in the Open Existing Content palette. The name that you enter can be up to 80 characters.

- Description

  Enter a description for the content frame. This is an optional field.

  The system automatically enters and updates this field with the values that are in the Form and Version fields. You can change this entry to a more meaningful name, or you can leave this field blank. The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page.

  You can use the description to provide information about the content frame. The description that you enter can be up to 100 characters.

2. After you enter the required One View Report information, click OK to add the content to the Composed EnterpriseOne Page.

Note: You can add only *one* One View Report content type to a given Composed EnterpriseOne Page. Once you choose to add OVR content type, that option is not available again in the Content Type pop-up menu.

Note: If you do not have UDO view security to the One View Report, it will not be available for selection in the Report drop down list and you cannot add it to the Composed EnterpriseOne Page.

Adding an EnterpriseOne Application Form to a Composed EnterpriseOne Page

You must be in the Page Composer to add EnterpriseOne application form content type.

To add an EnterpriseOne application form to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add an EnterpriseOne application form.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the EnterpriseOne Application icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to EnterpriseOne Application dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Note: *Building an Enterprise Automation Dashboard*

Note: *Building an Enterprise Automation Dashboard*

Entering EnterpriseOne Application Information

The section describes the tasks associated with creating EnterpriseOne application content type.

1. On Create Link to EnterpriseOne Application, complete the following fields and tasks:

    - Application

      Enter the EnterpriseOne Application ID of the form that you want added to the Composed EnterpriseOne Page and press Tab. This is a required field.

      The application ID is the program number, for example, P01012 for Address book, P4210 for Sales Order, and so on.

      After pressing Tab, the system populates the remaining fields in this section. You can change the system-entered information.
    - Form

      Select the EnterpriseOne form that you want to add. This is a required field.

      The forms that are available for adding on a Composed EnterpriseOne Page depend on the EnterpriseOne application that you entered and are based on the EnterpriseOne data structure for form interconnects. The available forms are listed alphabetically. The system automatically enters the first listed form in the Form field. These are the only forms you can add for the application that you entered.
    - Version

      Select the application version. This is an optional field.

      The system searches system table F983051 for available versions for the application ID that you entered. The available versions are listed alphabetically. The system automatically enters the first listed version in the Version field. You must use a version from the Version drop-down list.
    - Personal Form

      Select a personal form. This is an optional field.

      This drop-down list shows the personalized forms that you have access to, defined for the application, form, and version that you entered.

      If there are no personalized forms defined, the system will automatically set the value of this field to Default.
    - Query

      Select a query to locate the data that you want to be displayed in the form. This is an optional field.

      The Query drop-down list shows the queries that you have access to, defined for the application, form, and version that you entered.

      Queries enable you to select fields and add conditions to narrow your search results. In this way, the data is more specific.
    - Name

      Enter a name for the content. This is a required field.

      The system automatically enters and updates this field with the application ID, form ID, and version ID that are entered in the previous fields. You can change this entry to a more meaningful name. The name that you assign the content frame appears on the Open Existing Content palette. The name that you enter can be up to 80 characters

- Description

  Enter a description for the content frame. This is an optional field.

  The system automatically enters and updates this field with the values that are in the Form and Version fields. You can change this entry to a more meaningful name, or you can leave this field blank. The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page.

  You can use the description to provide information about the content frame. The description that you enter can be up to 100 characters.

- Automatically Find on Entry

  If you are adding a Find/Browse form, the Automatically Find On Entry option appears on the form. The option is automatically selected. This option populates the Find/Browse form without the user clicking Find. If you clear this option, you must click Find to populate the form.

- Maximize Main Grid

  Select or clear this option. If the added form has a Maximize Grid icon on the grid header bar, the Maximize Main Grid option appears in the Create Link to EnterpriseOne Application dialog. Subforms cannot be added on a Composed EnterpriseOne Page. When both the Automatically Find on Entry and the Maximize Main Grid options are selected, the added form's grid with records appears in the content frame when you save the content. The added form header information does not appear. After you save the content, you can click the Restore Grid icon in the grid header bar to see the entire embedded form. If you select the Maximize Main Grid option but don't select the Automatically find on entry option, when you save the content, only the grid header bar with no records shows in the content frame.

- Show Title Bar (Release 9.2.1)

  Select or clear this option. If the added form is an external form with an external application type of Javascript (JET), the Show Title Bar option appears in the Create Link to EnterpriseOne Application dialog. Use this option to show or hide the title bar of the JET application.

2. After you enter the required EnterpriseOne Application information, click OK to add the content to the Composed EnterpriseOne Page.

Adding a Classic Page to a Composed EnterpriseOne Page

You must be in the Page Composer to add Classic Page content.

To add a Classic Page to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a Classic Page.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the Classic Page icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to EnterpriseOne Page dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering EnterpriseOne Page Information

The section describes the tasks associated with adding Classic EnterpriseOne Page content.

1. On Create Link to EnterpriseOne Page, complete the following fields and tasks:
    - Classic Page

      Select the published Classic EnterpriseOne Page that you want added to the Composed EnterpriseOne Page. Classic Pages are HTML files, and can contain any HTML-enabled functionality, such as interactive process flows, URL links and web pages, company logos, etc. The system lists only the published Classic Pages.
    - Name

      Enter a name for the content. This is a required field. The name that you enter can be up to 80 characters
    - Description

      Enter a description for the content frame. This is an optional field.

      The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page. The description that you enter can be up to 100 characters.
2. After you enter the required EnterpriseOne Page information, click OK to add the content to the Composed EnterpriseOne Page.

Note: If you do not have UDO view security to the Classic Page, it will not be available for selection in the Classic Page drop down list and you cannot add it to the Composed EnterpriseOne Page.

Adding a URL to a Composed EnterpriseOne Page

You must be in the Page Composer to add web page content.

To add a URL to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a URL.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the URL icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to Web Page dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering URL Information

This section describes the tasks associated with adding URL content.

1. On Create Link to Web Page, complete the following fields and tasks:
    - URL

      Enter the URL you want added to the Composed EnterpriseOne Page. This is a required field.

  You must enter a valid URL in the URL field. If the URL field shows a drop-down arrow, there are predefined URL templates from which you can choose as required.

- Verify URL

  You have the option of validating the web page URL when you enter link information, and Oracle recommends that you do this. In addition, the system automatically validates the web page when you save the web page content. This is an optional field.

- Name

  Enter a name for the content. This is a required field. The name that you enter can be up to 80 characters.

- Description

  Enter a description for the content frame. This is an optional field.

  The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page. The description that you enter can be up to 100 characters.

2. After you enter the required URL information, click OK to add the content to the Composed EnterpriseOne Page.

Adding an ADF Application to a Composed EnterpriseOne Page

You must be in the Page Composer to add ADF Application content.

To add an ADF Application to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add an ADF Application.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the ADF Application icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to ADF Application dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Note: You can add an ADF application content only if you have permission to access the ADF application. If you do not have the permission, a message "You do not have permission to access this application.(P98MOQUE)" is displayed in the content frame.

Entering ADF Application Information

The section describes the tasks associated with creating ADF application content.

1. On Create Link to ADF Application, complete the following fields and tasks:
   - ADF Tasks

     Select the ADF application task you want to launch on the Composed EnterpriseOne Page.
   - Name

     Enter a name for the content. This is a required field. The name that you enter can be up to 80 characters.
   - Description

     Enter a description for the content frame. This is an optional field.

     The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page. The description that you enter can be up to 100 characters.
2. After you enter the required ADF application information, click OK to add the content to the Composed EnterpriseOne Page.

> **Note:** You can add only *one* ADF application content type to a given Composed EnterpriseOne Page. Once you choose to add ADF application content, that option is not available again in the Content Type pop-up menu.

Adding OBIEE to a Composed EnterpriseOne Page

You must be in the Page Composer to add an OBIEE object.

To add OBIEE content to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add OBIEE content.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the OBIEE icon and drag and drop the empty frame that appears to the Composed EnterpriseOne Page.

   You can position the empty frame horizontally or vertically on the Composed EnterpriseOne Page. After you drop the empty frame on the Composed EnterpriseOne Page, the Select OBIEE object dialog is displayed showing a list of folders.
4. From Catalog Root, click the name of the folder for which you want to create OBIEE content.

   If additional folders appear on the Select OBIEE object window, continue to navigate through the folders until you find the object that you want to use for the content.
5. After finding the object that you want to use, click Select on the title bar of the Select OBIEE object window.

After you select the OBIEE object, the Create Link to Oracle Business Intelligence Page appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

> **Note:** If you receive a message indicating that OBIEE content cannot be displayed in an iFrame, you should disable iFrame busting.

Entering OBIEE Information

This section describes the tasks associated with adding an OBIEE content type.

1. On Create Link to Oracle Business Intelligence Page, complete the following fields and tasks:
   - URL

     The system automatically enters the OBIEE object URL. This is a required field.

     To change the URL field, click the Search icon to open the Select OBIEE object dialog again and choose another OBIEE object.
   - Name

     Enter a name for the OBIEE content. This is a required field.

     The system automatically enters the name of the OBIEE object. You can change this entry to a more meaningful name. The name that you enter can be up to 80 characters.
   - Description

     Enter a description for the content frame. This is an optional field.

     The description that you enter appears on the title bar of the content frame when the content is saved. If you do not enter a description, the content frame will not have a name when it is displayed on the Composed EnterpriseOne Page. The description that you enter can be up to 100 characters.
2. After you enter the required OBIEE information, click OK to add the content to the Composed EnterpriseOne Page.

Adding a Watchlist Pane to a Composed EnterpriseOne Page

You must be in the Page Composer to add a Watchlist Pane.

To add a Watchlist Pane to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a Watchlist Pane.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the Watchlist Pane icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to Watchlist Pane dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering Watchlist Pane Information

This section describes the tasks associated with the Watchlist Pane.

> **Note:** Starting with Tools Release 9.2.9.3, you can add the Numeric and Text type Badge Widgets to the Watchlists pane. The result of the Widget is displayed on the Watchlist Pane during runtime. The personal and shared Widgets are displayed when you select them in the Create Link to Watchlist Pane window.

1. On Create Link to Watchlist Pane, complete the following fields and tasks:

- Name

  Enter a name for the Watchlist Pane. This is a required field. The name that you enter can be up to 80 characters.
- Description

  Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

  The description that you enter appears on the title bar of the Watchlist Pane when the content is saved. If you do not enter a description, the Watchlist Pane will not have a name when it is displayed on the Composed EnterpriseOne Page.

  You can use the description to provide information about the content frame.
- Options

  Choose the type of Watchlist Pane that you want to add:

  All Watchlists

  Select this option to add a new Watchlist Pane which displays all the personal and shared Watchlists and Widgets (Release 9.2.9.3) that are currently available to you.

  Once the pane is saved, it becomes a static list. Additional Watchlists or Widgets (Release 9.2.9.3) that are available to you at a later time will not be added to the pane automatically.

  In the Watchlist Pane of the Page Composer, you can delete a Watchlist or a Widget (Release 9.2.9.3) by selecting it and clicking the Delete icon located in the middle of the tile. Once you delete a Watchlist, a tile with a plus sign (Add item icon) is displayed in the content frame. Clicking this icon displays an inventory list of all the deleted Watchlists. Select any Watchlist from the list to add it to the pane.

  Empty Watchlist

  Select this option to add a new Watchlist Pane with no Watchlists or Widgets. You can choose to add Watchlists and Widgets (Release 9.2.9.3) to the pane from the content frame.

  Once the empty Watchlist Pane is added in the Page Composer, a tile with a plus sign (Add item icon) is displayed in the content frame. Clicking this icon displays an inventory list of the existing Watchlists and Widgets (Release 9.2.9.3). Select any Watchlist and Widget (Release 9.2.9.3) from the list to add it to the pane.

  Dynamic Watchlist

  Select this option to add a new Watchlist Pane with all the personal and shared Watchlists and Widgets (Release 9.2.9.3) that are available to you. The Watchlists and Widgets displayed in the pane cannot be modified but are dynamically determined during runtime for the Composed EnterpriseOne Page. When a dynamic Watchlist Pane is shared with other users, only those Watchlists and Widgets will be displayed in the content frame for which the users have permission.

2. After you enter the required information, click OK to add a Watchlist Pane to the Composed EnterpriseOne Page.

Note: You can add only *one* Watchlist Pane to a given Composed EnterpriseOne Page. Once you choose to add Watchlist Pane content type, that option is not available again in the Content Type pop-up menu.

Note: *Click here to view a recording of this feature.*

Adding a Springboard Pane to a Composed EnterpriseOne Page (Release 9.2.1)

You must be in the Page Composer to add a Springboard Pane.

To add a Springboard Pane to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a Springboard Pane.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the Springboard Pane icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to Springboard Pane dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering Springboard Pane Information

This section describes the tasks associated with the Springboard Pane.

1. On Create Link to Springboard Pane, complete the following fields and tasks:
   - Name

     Enter a name for the Springboard Pane. This is a required field. The name that you enter can be up to 80 characters.
   - Description

     Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

     The description that you enter appears on the title bar of the Springboard Pane when the content is saved. If you do not enter a description, the name of the task folder will be displayed on the content frame of the Springboard Pane.

     You can use the description to provide information about the content frame.
   - Parent Task

     Enter a valid ID of the task view or task folder that you want to add. If necessary, you can use the Visual Assist feature to locate a valid task. Click the Visual Assist button to display the Data Browser - F9000 form that lists all the task views and task folders in the F9000 table. You can search and select the task.

     If a role is restricted from accessing a certain task folder through Menu Filtering, then no tasks will be displayed on the Springboard Pane. See *Springboard Pane at Runtime (Release 9.2.1)*for more information.
2. After you enter the required information, click OK.

Note: *Click here to view a recording of this feature.*

Adding a Menu Pane to a Composed EnterpriseOne Page (Release 9.2.4.3)

You must be in Page Composer to add a Menu Pane.

To add a Menu Pane to a Composed EnterpriseOne page:

1. Open the Composed EnterpriseOne Page to which you want to add a Menu Pane.
2. Click the Create New Content icon on the banner at the top of the screen.

   The system displays the Select the content type for the workspace dialog box lists the types of content you can add.

   > **Note:** If the composed page is entirely new, the system will display the Select the content type for the workspace dialog box on clicking the Create New Content icon.

3. Click the Menu Pane icon. The system displays an empty frame. Drag and drop the empty frame to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the system displays the Create Link to Menu Pane dialog box. The title bar includes a Close icon. If you click the Close icon before saving the content, the content is cancelled.

Entering Menu Pane Information

This section describes the tasks associated with the Menu Pane.

1. On the Create Link to Menu Pane, complete the following fields and tasks:

   - Name

     Enter a name for the Menu Pane. This is a required field. The name that you enter can be up to 80 characters.
   - Description

     Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

     The description that you enter appears on the title bar of the Menu Pane when the content is saved. If you do not enter a description, the name of the task folder will be displayed on the title bar of the Menu Pane.

     In the description, provide information about the content frame.
   - Options

     Select one of the following options:

     - Task Folder

       Use this option to specify a valid ID of the task view or task folder that you want to add. If necessary, you can use the Visual Assist feature to locate a valid task. Click the Visual Assist button to see the Data Browser - F9000 form that lists all the task views and task folders in the F9000 table. You can search for and select the required task.

- Favorites

  Use this option to select a task from the EnterpriseOne Favorites folder.

  If a role is restricted from accessing a certain task folder through Menu Filtering, then no tasks will be displayed on the Menu Pane. See *Menu Pane at Runtime (Release 9.2.4.3)* for more information.
2. After you enter the required information, click OK.

Adding a Widget Pane to a Composed EnterpriseOne Page (Release 9.2.9.4)

You must be in the Page Composer to add a Widget Pane.

See *JD Edwards EnterpriseOne Tools EnterpriseOne Widgets Guide* .

The user must have the access enabled in the Security Workbench Application (P00950) in order to add a Widget Pane.

See *Understanding Security for User Defined Objects* and *Understanding Content Security* in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

> **Note:** You can add only one Widget to a Widget Pane, but you can add any number of Widget Panes to a Composed EnterpriseOne Page. Additionally, you can add any type (Badge, Meter, Chart, or Text Box) of Widget to a Widget Pane.

To add a Widget Pane to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a Widget Pane.
2. Click the **Create New Content** icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the **Widget** icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.
4. After you drop the empty frame on the page, the Create Link to Widget Pane dialog appears. See *Entering Widget Pane Information*.

   > **Note:** The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

> **Note:** `Publishing Widgets to a Widget Pane on an EnterpriseOne Page`

> **Note:** `Publishing Widgets to a Widget Pane on an EnterpriseOne Page`

Entering Widget Pane Information

This section describes the tasks associated with the Widget Pane.

1. On Create Link to Widget Pane, complete the following fields and tasks:
   - **Name**

     Enter a name for the Widget Pane. This is a required field. The name that you enter can be up to 80 characters.
   - **Description**

     Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

     The description that you enter appears on the title bar of the Widget Pane when the content is saved. If you do not enter a description, the Widget Pane will not have a name when it is displayed on the Composed EnterpriseOne Page.

     You can use the description to provide information about the Widget Pane.
2. After you enter the required information, click **OK** to add a Widget Pane to the Composed EnterpriseOne Page. See also: *Working with Designer Pane* in this guide.
3. From the Select Widget drop-down list, select the Widget to display on the Pane.

   > **Note:** In the Widget drop-down list, you can distinguish whether a Widget is personal or shared one using the hash symbol (#). If a Widget option has a hash symbol (#) as prefix, it indicates that it is a personal Widget.

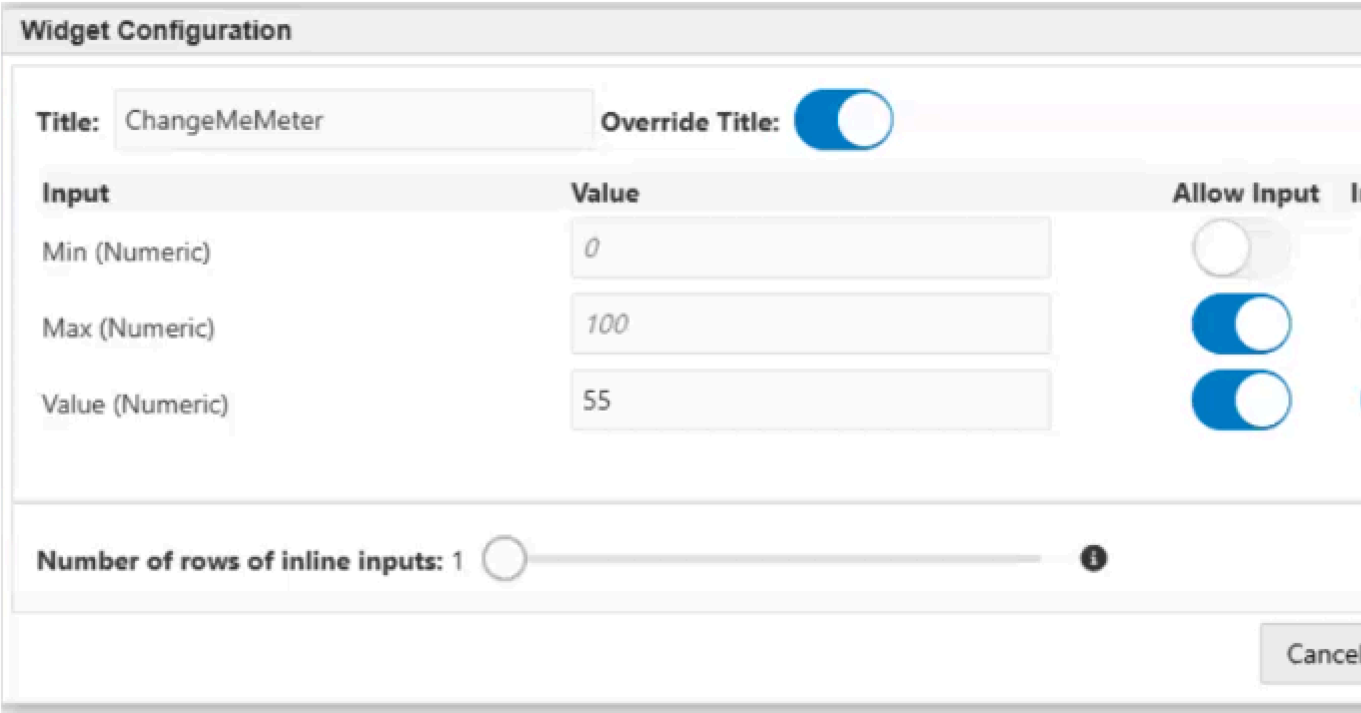
4. If inputs are defined for the selected Widget, the system displays the Widget Configuration window.
   a. If you want to change the Widget title, enable the **Override Title** option, and enter the new value in the Title field. This option is also available during the runtime.
   b. Enter the input value in the Value field.
   c. Enable the **Allow Input** option.

      When the Allow Input option is enabled, the system allows the user viewing the widget at runtime to change or override the input value by using the Configuration window that is displayed when clicking the ≡ icon.
   d. (Release 9.2.26.0) Enable the **Inline** option to display input values inline.

      The Inline Input fields are available for all widget types.

      When the Inline option is enabled, the input field will be rendered at runtime above the widget visualization, allowing the user to both see and change what value is being supplied to the widget on the fly.
   e. (Release 9.2.26.0) Move the **Number of rows of inline inputs** slider to set a row value.

      This value determines how the available space for the widget is shared between inline inputs and the widget visualization. A larger number displays more inline inputs without a scroll bar, but it decreases the size of the data visualization.



5. Click **Save**.

   See *Widget Pane at Runtime (Release 9.2.9.4)*.

Note: *`Click here to view a recording of this feature.`*

Note: *`Click here to view an OBE of this feature.`*

Adding an Enterprise Process Pane to a Composed EnterpriseOne Page (Release 9.2.26.0)

You must be in the Page Composer to add an Enterprise Process Pane.

See *Introduction to Enterprise Process Modeler* in the *JD Edwards EnterpriseOne Tools Enterprise Process Modeler Guide* .

You must have the access enabled in the Security Workbench application (P00950) in order to add an Enterprise Process Pane.

See *Understanding Security for User Defined Objects* and *Understanding Content Security* in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

> **Note:** You can add a maximum of two Enterprise Process Panes together on a composed page. Adding two Enterprise Process Panes together side by side enables you to review and analyze two different processes simultaneously. Additionally, you can analyze the same process with different filter settings or compare the process with a snapshot.

To add an Enterprise Process Pane to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add an Enterprise Process Pane.
2. Click the **Create New Content** icon on the banner across the top of the screen.

   The Drag and drop to workspace for creating a dialog box is displayed, along with the various content types that you can add.
3. Click the **Enterprise Process Pane** icon. The Create Link to Enterprise Process Pane dialog is displayed.

   > **Note:** When you add the second Enterprise Process Pane to the same Composed page, you can drag and drop the empty frame horizontally or vertically on the page.

4. On the Create Link to Enterprise Process Pane dialog, complete the following fields:

   - **Name**

     Enter a name for the Enterprise Process Pane. This is a required field. The name that you enter can be up to 80 characters.
   - **Description**

     Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

     The description that you enter appears on the title bar of the Enterprise Process Pane when the content is saved. If you do not enter a description, the Enterprise Process Pane will not have a name when it is displayed on the Composed EnterpriseOne Page.

     You can use the description to provide information about the Enterprise Process Pane.

   > **Note:** The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

5. Click **OK**.

   The system displays the recently saved Process UDO (first in the Select Processes drop-down list).
6. Click **Save**.
7. On the Enter New Name dialog, enter a new name for the pane, and click **OK**.

See *Enterprise Process Pane at Runtime*.

> **Note:** `Building an Enterprise Automation Dashboard`

> **Note:** `Building an Enterprise Automation Dashboard`

Adding a Designer Pane to a Composed EnterpriseOne Page

You must be in the Page Composer to add a Designer Pane.

To add a Designer Pane to a Composed EnterpriseOne Page:

1. Open the Composed EnterpriseOne Page to which you want to add a Designer Pane.
2. Click the Create New Content icon on the banner across the top of the screen.

   The Drag and drop to workspace to create dialog box is displayed and shows the kinds of content you can add.
3. Click the Designer Pane icon and drag and drop the empty frame that appears to the page.

   You can position the empty frame horizontally or vertically on the page.

After you drop the empty frame on the page, the Create Link to Designer Pane dialog appears. The title bar includes a Close icon. Clicking the Close icon before saving the content cancels the content.

Entering Designer Pane Information

This section describes the tasks associated with the Designer Pane.

1. On Create Link to Designer Pane, complete the following fields and tasks:

   - Name

     Enter a name for the Designer Pane. This is a required field. The name that you enter can be up to 80 characters.
   - Description

     Enter a description for the content frame. This is an optional field. The description that you enter can be up to 100 characters.

     The description that you enter appears on the title bar of the Designer Pane when the content is saved. If you do not enter a description, the Designer Pane will not have a name when it is displayed on the Composed EnterpriseOne Page.

     You can use the description to provide information about the content frame.
   - Initial Total Columns (Release 9.2.0.3)

     Select the number of columns you want to add to the grid. Use the slide bar to set the value between 1 and 5. You can add more columns from the Designer Pane content frame.
   - Initial Total Rows (Release 9.2.0.3)

     Select the number of rows you want to add to the grid. Use the slide bar to set the value between 1 and 5. You can add more rows from the Designer Pane content frame.
2. After you enter the required information, click OK to add a Designer Pane to the Composed EnterpriseOne Page.

See also: *Working with Designer Pane* in this guide.

Working with Designer Pane

You use the Designer Pane to add EnterpriseOne applications, batch versions, tasks, Watchlists, ADF applications, (Release 9.2.6) orchestrations and notifications, (Release 9.2.7.4) EnterpriseOne pages, (Release 9.2.9) Text, (Release 9.2.9) Image, and (Release 9.2.9.3) Widgets.

The Designer Pane contains a layout grid that you can use to add different components like tiles and lines. A tile is a generalized container that holds objects that can be activated. Tiles provide quick access to the open EnterpriseOne applications, batch versions, tasks, ADF applications, Watchlists, (Release 9.2.6) orchestrations and notifications, (Release 9.2.7.4) Enterprise pages, (Release 9.2.9) Text, (Release 9.2.9) Image, and (Release 9.2.9.3) Widgets. Each tile contains text describing the component with which it is associated. For example, an application tile lists the application name, and application title.

You can configure each tile using the Configure Tile dialog. You can add and delete components in a Designer Pane.

You can customize the initial size of the Designer Pane grid layout. You can extend the layout of the Designer Pane with more rows and columns, and add multiple sections. You can delete the rows and columns in a Designer Pane as well. You can also customize the initial grid size while adding new sections to the Designer Pane.

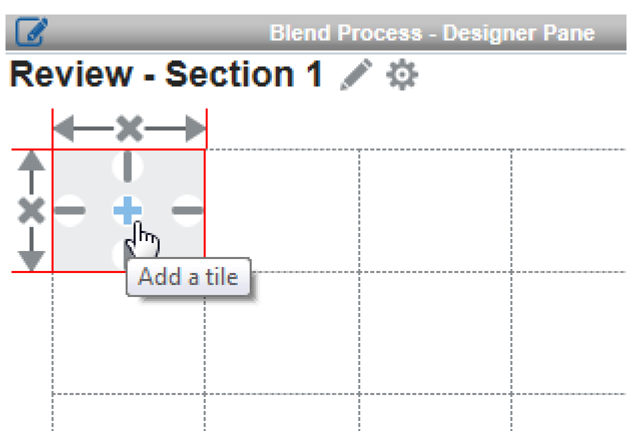
Note: You must be in the Page Composer to work with the Designer Pane.

Note: *Click here to view a recording of this feature.*

Adding a Tile in Designer Pane

This section describes the steps to add a tile in Designer Pane:

1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, click any cell in the grid layout to highlight it.
3. Click the Add a tile (+) icon that is located in the center of the cell to add a tile as shown in the following example:

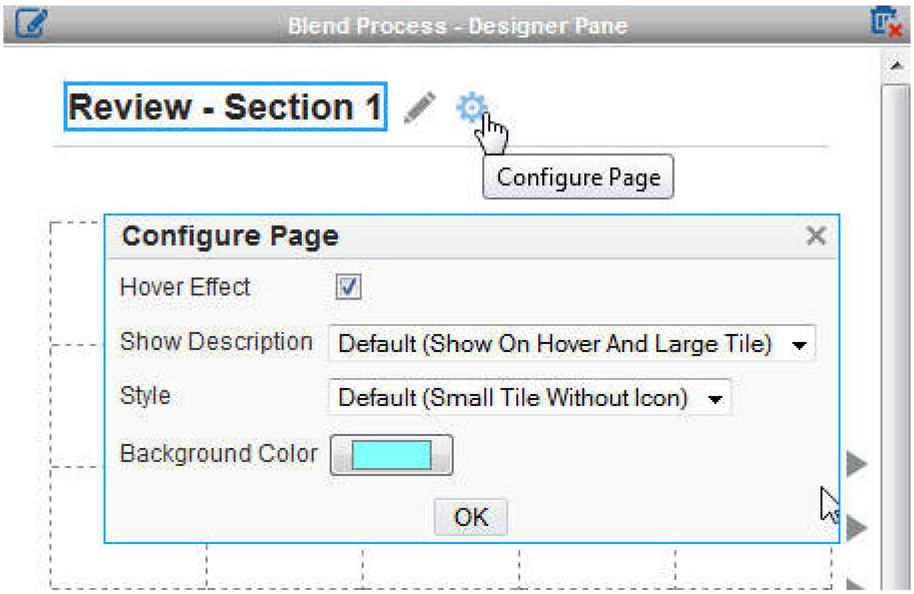


Adding and Configuring a Component in Designer Pane

This section describes the tasks associated with adding and configuring component to a tile in Designer Pane.

1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, click Default Page Title to enter a title for the Designer Pane that is added to a Composed EnterpriseOne Page.

   If you want to edit the title of the Designer Pane, click Edit the title of this page icon. The title that you enter can be up to 200 characters.
3. Click Configure Page icon as shown in the following example to configure the properties for the Designer Pane:



   - Hover Effect

     Select to display the context-based information when user hovers over a tile in a Composed EnterpriseOne Page. The option is automatically selected.
   - Show Description

     Choose to set a display condition for the description of the Designer Pane in a Composed EnterpriseOne Page. Show Description has four settings:

     Default (Show On Hover and Large Tile)

     Displays the description of the Designer Pane when user hovers over a tile. Additionally, the description will also be displayed with in a large tile. This is the default setting.

     Hover Only

     Displays the description of the Designer Pane only when user hovers over tiles.

     Tiles Only (Large Tile Only)

     Displays the description of the Designer Pane only within a large tile.

     Never

Never displays the description.

- Style

  Choose how tiles appear in a Composed EnterpriseOne Page. Style has four settings:

  Default (Small Tile Without Icon)

  Embeds the component in a smaller tile. This is the default setting.

  Small Icons

  Embeds the component in a tile along with an icon of small size. The image associated with the content appears next to the content.

  Large Icons

  Embeds the component in a tile along with an icon of large size. The image associated with the content appears within the tile.

  Tiles (Large Tile)

  Embeds the component in a larger tile along with an icon of large size.
- Background Color

  Select a color for the background of the Designer Pane. The background color is applied to entire Designer Pane. The default background color of the Designer Pane is white.

> **Note:** Configure Page properties are applicable to all the sections added in a given Designer Pane.

4. Select the tile to which you want to add content and click the Add a tile (+) icon in the middle of the tile. This action displays the Configure Tile dialog.
5. Configure the tile properties by completing the following fields:

> **Note:** You might see a variation of these fields, depending on the Tile Type with which you are working.

- Tile Type

  Select the type of component you want to add to the tile. You can add EnterpriseOne application forms, batch versions, tasks, Watchlists, ADF applications, (Release 9.2.6) orchestrations and notifications, (Release 9.2.7.4) EnterpriseOne pages, (Release 9.2.9) Text, (Release 9.2.9) Image, (Release 9.2.9.3) Widgets.
- Application ID

  Enter the EnterpriseOne Application ID of the form that you want added. This field is displayed if Tile Type is Application.

  If necessary, you can use the Visual Assist feature to locate a valid EnterpriseOne application. Click the Visual Assist button to display the Data Browser - F9860 form that lists all EnterpriseOne applications.

You can search and select the application. The system automatically populates the Application ID, Form Id, and Version fields. (Release 9.2.0.3)

> **Note:** If you are secured out of the F9860 table, you cannot access the Visual Assist form.

- Form Id

  Enter the EnterpriseOne form ID for the application that you entered in the previous field.

  This field is displayed if Tile Type is Application.
- Version

  Enter the application version for the application that you entered.

  This field is displayed if Tile Type is Application or Batch Version.
- Default Action (Release 9.2.4.3)

  Specify the default action the system must take to run the batch version you selected. The available options are:

  - Blind Submission
  - Prompt for Version
  - Data Selection
  - Prompt for Values

    > **Note:** The Prompt for Values option is available only to the reports with a processing option template.

  This field is displayed if Tile Type is Batch Version and a version has been specified. The Default Action field is hidden until a version for the batch version is specified.
- Personal Form (Release 9.2.4.3)

  Select a personal form. This is an optional field.

  This drop-down list shows the personalized forms that you have access to, defined for the application, form, and version that you entered.

  If there are no personalized forms defined, the system will automatically set the value of this field to Default.
- Query (Release 9.2.4.3)

  Select a query to locate the data that you want to be displayed in the form. This is an optional field.

  The Query drop-down list shows the queries that you have access to, defined for the application, form, and version that you entered.

  Queries enable you to select fields and add conditions to narrow your search results. In this way, the data is more specific.
- Jargon Code

  Enter a UDC value that specifies the system number.

  This field is displayed if Tile Type is Application.

- Batch Version ID

  Enter the version ID of the batch that you want added. This field is displayed if Tile Type is Batch Version.

  If necessary, you can use the Visual Assist feature to locate a valid Batch Version. Click the Visual Assist button to display the Data Browser - F9860 form that lists all Batch Versions. You can search and select the Batch Version. The system automatically populates the Batch Version ID field. (Release 9.2.0.3)

  > **Note:** If you are secured out of the F9860 table, you cannot access the Visual Assist form.

- Task ID

  Enter the ID of the task that you want added. This field is displayed if Tile Type is Task.

  If necessary, you can use the Visual Assist feature to locate a valid task. Click the Visual Assist button to display the Data Browser - F9000 form. This form lists all EnterpriseOne applications, Batch

Versions, URL, One View Reports and ADF applications. You can search and select the task. The system automatically populates the Task ID field. (Release 9.2.0.3)

> **Note:** If you are secured out of the F9000 table, you cannot access the Visual Assist form.

- Watchlist

  Select the Watchlist that you want added. The system displays all the Watchlists available to the user in the Watchlist drop-down list.

  In the Watchlist drop-down list, you can distinguish whether a Watchlist is personal or shared one using the hash symbol (#). If a Watchlist option has a hash symbol (#) as prefix, it indicates a personal Watchlist.

  This field is displayed if Tile Type is Watchlist.
- ADF Task ID

  Enter the ID of the ADF task that you want added. This field is displayed if Tile Type is ADF Application.

  If necessary, you can use the Visual Assist feature to locate a valid ADF application. Click the Visual Assist button to display the Data Browser - F9000 form that lists all ADF applications. You can search and select the ADF application. The system automatically populates the ADF Task ID field. (Release 9.2.0.3)

  > **Note:** - To create the ADF application content, you must have JAS, AIS and ADF servers setup, and an ADF Task should already be created in Work With Tasks program (P9000). - If you are secured out of the F9000 table, you cannot access the Visual Assist form.

- (Release 9.2.6) Orchestration Name

  Click the Select Orchestration or Notification icon to associate an orchestration or a notification with the tile.

  > **Note:** The Orchestration Name field and the Select Orchestration or Notification icon are displayed only if the Tile Type is Orchestration.

  The Associate Orchestration wizard is displayed. Use the Associate Orchestration wizard to configure the orchestration or notification. See *Configuring an Orchestration or Notification Component (Release 9.2.6)*.
- (Release 9.2.7.4) Page

  Use the Page drop-down list to select an EnterpriseOne page that you want to add from the list of pages that are available to you.

  In the Page drop-down list, you can distinguish whether a page is personal or shared one using the hash symbol (#). If a page option has a hash symbol (#) as prefix, it indicates that the EnterpriseOne page is a personal page.

  This field is displayed if the Tile Type is Page.
- (Release 9.2.9) Text

  To enter the text that you want to display on the tile, select Click To Enter Text. In the Enter Text window, you can add the text in the Text pane, and a format to the text such as bold, font family, italic, underline, and so on. Click Save.

  This field is displayed if the Tile Type is Text.

- (Release 9.2.9) Image

  Use the Image drop-down list to select the image you want to display in the tile. Use the Image Visual Assist option to locate and add a valid image. Alternatively, you can also enter the name of the image that you want to display in the tile. The system displays the image in the tile only if you enter the exact name of the image.

  See *Creating Images in EnterpriseOne (Release 9.2.0.2)* in this guide.

  This field is displayed if the Tile Type is Image.

  > **Note:** For the image you add to the tile, the file name including the extension is case-sensitive.

- (Release 9.2.9.3) Widget

  Use the Widget drop-down list to select the widget you want to display in the tile.

  If inputs are defined for the selected Widget, the system displays the Widget Configuration window. Close this window after defining your inputs. To modify the Widget inputs, click the **Widget Configuration** icon next to the Widget drop-down list.

  You can add a Badge (both Text and Numeric), Meter, Chart, Text Box type Widget to the tile. The system displays the output of the Widget during runtime.

  In the Widget drop-down list, you can distinguish whether a widget is personal or shared one using the hash symbol (#). If a widget option has a hash symbol (#) as prefix, it indicates that it is a personal widget.
- (Release 9.2.7.4) Associate Watchlists

  Use the Associate Watchlists toggle button to determine whether the Watchlist, Widget (Release 9.2.9.3)and notification (Release 9.2.26.0) Badges should be displayed. To enable Associate Watchlists toggle button, the Tile Type should be selected as anything other than Watchlist and corresponding Object ID should be entered.

  > **Note:** Starting with Tools Release 9.2.26.0, the Associate Watchlists toggle button is renamed to Associate Badges.

- (Release 9.2.9) Scroll Text

  Use the Scroll Text toggle button to enable the scrolling option for the tile. When enabled, you can use the arrows on the right side of the tile to scroll through the text displayed in the tile.

  This field is displayed if the Tile Type is Text.
- (Release 9.2.9) Scale

  Select the scale you want to apply to the image. You can select Default, Fit to Width, Fit to Height, Fit to Tile, or Custom option from the Scale drop-down list. If you select Custom, the Percentage field is displayed. Use the Increment or Decrement button to select a value within the range of 1 to 100 to specify the size.

This field is displayed if the Tile Type is Image.

- Style

  Select the style you want to apply to the tile. Style has four settings:

  Default

  Content of the tile appears in a box with a background color. This is the default selection. The background color for the tile is set in the Color field.

  Box

  Content of the tile appears in a box with a background color. The background color for the tile is set in the Color field.

  No Box

  Content of the tile appears without a box or a background color.

  Light Box

  Content of the tile appears in a box with an outline color. The color for the outline is set in the Color field.

- Color

  Select the color to be applied for the Style field. Color has four options: red, yellow, green, and blue.

  > **Note:** The Color field is not displayed if: - The Style field in Configure Page dialog is set to Large Icons, and the Style field in Configure Tile dialog is set to Default. - The Style field in Configure Tile dialog is set to No Box.

- Title

  Enter a title for the tile. If you do not enter a title, the system automatically displays the Tile Type and ID that are entered in the previous fields. The title that you enter can be up to 80 characters. (Release 9.2.9) This field is not displayed if Tile Type is Text.

- Description

  Enter a description for the tile. The description that you enter can be up to 100 characters. (Release 9.2.9) This field is not displayed if the Tile Type is Text.

- Auto Image

  Use this option if you want the system to automatically retrieve and display the icon associated with the Tile Type field. The icon is displayed in the tile of Designer Pane. (Release 9.2.9) This field is not displayed if the Tile Type is Text and Image.

  If you deselect the select Auto Image, the Custom Image field is displayed. Use the Visual Assist option to locate and add a valid image. Alternatively, you can also enter the name of the custom image that you

want to associate with the tile. The system displays the icon in the tile only if you enter the exact name of the custom image.
See *Creating Images in EnterpriseOne (Release 9.2.0.2)*in the guide.

> **Note:** For a custom image, the file name including the extension is case-sensitive.

> **Note:** The image will not be displayed in the tile, if the Style field is set to Default (Small Tile Without Icon) in the Configure Page dialog.

- Hover Link URL
  Enter the URL you wanted added to the hover form. (Release 9.2.9) This field is not displayed if the Tile Type is Text and Image.
- Hover Link Text
  Enter a text for the URL that you wanted added to the hover form. The URL link text is displayed in the hover form as a link, clicking it opens the corresponding web page. The text that you enter can be up to 80 characters.

  > **Note:** Link URL and Hover Link Text fields are displayed in the Configure Tile dialog only if you have selected Hover Effect in the Configure Page dialog.

6. Click OK to save the configuration properties of the tile. A tile is now added to the Designer Pane.

   > **Note:** The system automatically validates the values entered in all the fields. If any of the values is invalid, a warning message is displayed. However, you can continue to work in the Designer Pane and save it to the Composed EnterpriseOne Page. (Release 9.2.0.3)

7. Click the three triangles located at the bottom of the pane (Add a row to bottom icon) to add a row to the grid. A new row is added at the bottom of the grid.
8. Click the three triangles located at the right of the pane (Add a column to right icon) to add a column to the grid. A new column is added to the right side of the grid.
9. Click Save to add and save content to the Composed EnterpriseOne Page.
10. Close the Page Composer. Click the tile in the Composed EnterpriseOne Page to open the task.

> **Note:** If the specified object does not exist, the tile is disabled and a message "Invalid Object" is displayed. If the user does not have the appropriate security, the tile is disabled and a message "Permission Denied" is displayed.

Configuring an Orchestration or Notification Component (Release 9.2.6)

Beginning with Release 9.2.6, you can associate an orchestration or notification with a designer pane. You can configure the orchestration or notification associated with the designer pane by using the Associate Orchestration pop-up window.

> **Note:** You cannot associate an orchestration with a designer pane if the orchestration contains object inputs.

To configure an orchestration or notification associated with the designer pane:

1. In the Associate Orchestration pop-up window, from the Select Orchestration drop-down list, select the orchestration or notification that you want to associate with the tile. Alternatively, you can enter the name of the orchestration or notification.
2. In the Map Input section, perform the following steps:

- In the Default Value field, enter the default value for the mapping input.

  When you place the cursor in the Default Value field, you see a balloon that displays the input data type.

  If a default value has been defined in the Orchestrator Studio for this input, that default value is displayed in this field in italic font. The value that you enter in this field will override the default value that is defined for the orchestration or notification in the Orchestrator Studio.

  > **Note:** (Release 9.2.6.4) You can also associate an orchestration/notification/logic extension with array inputs. If the input type is array, then click the corresponding Array icon under Default Value in the Associate orchestration pop-up window. A pop-up box is displayed that contains an array of inputs including the default values from the orchestration studio. You can modify, delete, or add new rows. Click **Save** to save your changes in the grid.

  If the mapping input is a mandatory field, an asterisk (*) is displayed beside the Default Value field.
- (Tools Release 9.2.8.2)(Optional) Renaming Input Fields

  You can edit the input fields in the Map Input section to modify the name of the Orchestration or Notification input according to your preference. To modify input field names, click the input field you want to edit and enter a new name to modify the existing name of the orchestration or notification input. In case of multi-line inputs, you can modify the name of the multi-line input in the Associate Orchestration wizard, and to modify the individual grid inputs click the Array icon and enter a new name for the orchestration or notification input you want to edit in the window that is displayed. If you modify the name of the input from a tile, the system displays the renamed input only when the orchestration is called from that tile. Starting with Tools Release 9.2.9.3, you can add language translations to the input field names that you have modified. For more information on adding translations, see "*Adding Language Translations to User Defined Object Content*" in JD Edwards EnterpriseOne Tools Translation Tools Guide.
- Use the Allow Input toggle button to determine whether the field should be displayed at runtime or not.

> **Note:** If the mapping input is a mandatory field and if you leave the default value field blank, the Allow Input toggle button will be enabled and grayed out.

3. In the Configuration section, perform the following steps:

   - Use the Run Synchronously toggle button to run the orchestration or notification in the synchronous or asynchronous mode.
   - Use the Show Message toggle button to display the orchestration success message that has been configured for the orchestration. For more information about orchestration response messages, see *"Defining Orchestration Response Messages (Tools Release 9.2.5.4)"* in the *JD Edwards EnterpriseOne Tools Orchestrator Guide* .

> **Note:** You can enable the Show Message toggle button only if the Run Synchronously toggle button is enabled. If the Run Synchronously toggle button is disabled, the Show Message toggle button is disabled and grayed out.

4. Click Save.

The name of the orchestration or notification is displayed in the Orchestration Name field in the Configure Tile dialog box.

Associating Tiles with Badges

You can associate tiles or (Release 9.2.9.3) connector with the Watchlist (Release 9.2.7.4), Widget (Release 9.2.9.3), and notification (Release 9.2.26.0) badges in the Designer Pane.You can associate tiles or (Release 9.2.9.3) connector with the Watchlist (Release 9.2.7.4), Widget (Release 9.2.9.3), and notification (Release 9.2.26.0) badges in the Designer Pane. You can add a maximum of four Badges to a tile or cell.

> **Note:** Starting with Tools Release 9.2.9.3, you can add the Text Badge type and Numeric Badge type Widgets to a Badge on the tiles in the Designer Pane. For more information on how to create Widgets, see *Designing the EnterpriseOne Widgets* in the *JD Edwards EnterpriseOne Tools EnterpriseOne Widgets Guide* .

To associate a tile with a Badge in the Designer Pane:

1. Open a Composed EnterpriseOne Page that contains a Designer Pane.
2. To display the Badges on the tile, hover over the tile or the cell with the connectors and click the **Configure Tile** icon. The system displays the Configure Tile dialog.

   For more information, see *Adding a Tile in Designer Pane* and *Adding and Configuring a Component in Designer Pane*.
3. Select the value from the **Tile Type** drop-down list and enter the corresponding value in the **Object ID** field. This step is required only if you open the Configure Tile dialog from a tile.
4. Enable the **Associate Watchlists** option to display the Badges on the tile or connector.
5. Click **Ok** to close the Configure Tile dialog.

   The system displays the **+** icon on the four corners of the tile indicating the placeholders for the four Badges that you can associate with that tile.
6. Click the required **+** icon. The system displays the Associate Watchlist window along with the Select Watchlist drop-down list. The Select Watchlist drop-down list contains all the personal and shared Watchlists and Widgets (Text Badge type and Numeric Badge type).

   Starting with Tools Release 9.2.26.0, the Associate Watchlist window is renamed to Associate Badge window. The system displays the Badge Type drop-down list, which includes Watchlist and Notification options. Select Watchlist or Notification from the drop-down list. If you select Watchlist as the badge type, the system displays the Select Watchlist drop-down list. The Select Watchlist drop-down list contains all the personal and shared Watchlists and Widgets (Text Badge type and Numeric Badge type). If you select Notification, the system displays the Subscription drop-down list, which contains the available subscriptions.
7. From the Select Watchlist drop-down list, select a Watchlist (Release 9.2.7.4) or a Widget (9.2.9.3) that you want to add to the Badge.

   (Release 9.2.26.0) To add a notification, select the subscription from the Subscription drop-down list.

   > **Note:**
   > - In the Select Watchlist drop-down list, you can distinguish whether a Watchlist or a Widget is personal or shared one using the hash symbol (#). If a Watchlist or Widget option has a hash symbol (#) as prefix, it indicates a personal Watchlist.
   > - (Release 9.2.26.0) In the Subscription drop-down list, you can distinguish whether a subscription is personal or assigned one using the hash symbol (#). If a subscription has a hash symbol (#) as prefix, it indicates a personal subscription.

8. Click **Ok** to close the Associate Watchlist window.

   When you add a Watchlist or a Widget to a Badge, the system displays a Flag icon on the Badge to indicate that a Watchlist or a Widget has been added to the Badge.

   (Release 9.2.26.0) When you add a notification to a Badge, the system displays a Bell icon on the Badge to indicate that a notification has been added to the Badge.
9. To change an added Watchlist or Widget, click the **Flag** icon on the Badge. The system displays the Associate Watchlist window. You can then select a different Watchlist or Widget form the Select Watchlist drop-down list.

   (Release 9.2.26.0) To change an added notification, click the **Bell** icon on the Badge. The system displays the Associate Badge window. From the Subscription drop-down list, select a different subscription that you want to associate with the Badge.
10. Click **OK** to close the Associate Watchlist window.
11. Click **Save** to save changes in the Composed EnterpriseOne Page.
12. Close the page composer.

   On the Composed EnterpriseOne Page, you can see the data from the Watchlist and the Widget on the Badges. When you hover over a Badge, the system displays details of the Watchlist or the Widget such as Name, Status, Time Since Last Updated, Application, Version, and so on.

   For more information, see *Widget Badges at Runtime (Release 9.2.9.3)*.

   (Release 9.2.26.0) On the Composed EnterpriseOne Page, the notification Badge displays the count of unread notifications.When you hover over the notification Badge, the system displays details such as the notification name and the number of unread notifications.

   For more information, see *Notification Badges at Runtime (Release 9.2.26.0)*.

Removing Watchlists and Widgets from Badges

To remove a Watchlist (Release 9.2.7.4) or a Widget (Release 9.2.9.3) added to a Badge:

1. Access the Designer Pane that contains the required tiles.
2. Click the **Flag** icon on the Badge of the tile. The system displays the Associate Watchlist window.
3. Click the **Delete** icon.
4. Click **OK**.
5. Click **Save**.
6. Close the Page Composer.

Removing Notifications from Badges (Release 9.2.26.0)

To remove a notification added to a Badge:

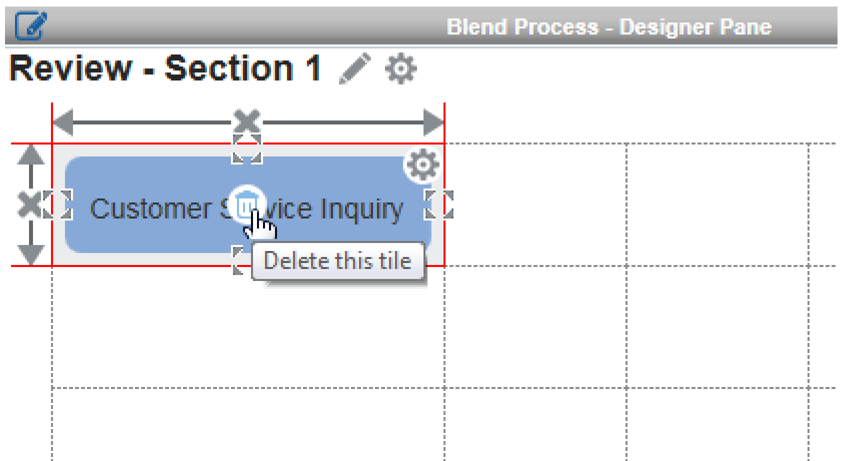
1. Access the Designer Pane that contains the required tiles.
2. Click the **Bell** icon on the Badge of the tile. The system displays the Associate Badge window.
3. Click the **Delete** icon.
4. Click **OK**.
5. Click **Save**.
6. Close the Page Composer.

> **Note:** You can also click the **Configure Tile** icon on a tile, and in the Configure Tile window, disable the **Associate Badges** toggle to remove Watchlists, Widgets and notifications (Release 9.2.26.0) from all the Badges on that tile or (Release 9.2.9.3) connectors.

Deleting a Tile

This section describes the steps to delete a tile in Designer Pane:

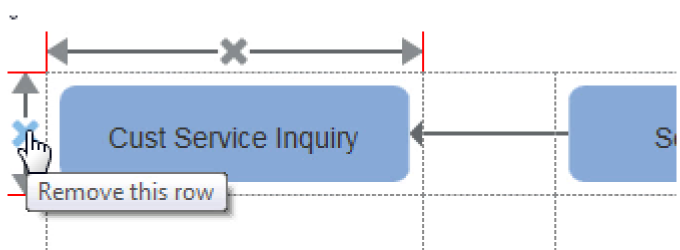
1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, click the tile that you want to delete. This action highlights the tile.
3. In the highlighted cell, click the Delete this tile icon in the middle of the tile to delete a tile along with the connectors as shown in the following example:



Deleting a Row or a Column (Release 9.2.0.3)

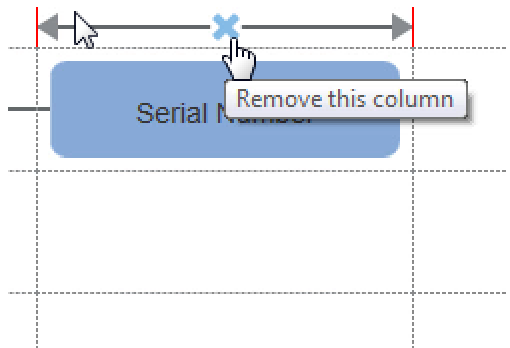
This section describes the steps to delete a row or column in the Designer Pane:

1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, hover over the row you want to delete. This action displays Remove this row icon on the left of the selected row as shown in the following example:



3. Click the icon to delete the selected row along with the tiles in the row.

   Similarly to delete a column, hover over the column you want to delete. Click Remove this column icon displayed on the top of the selected column to delete as shown in the following example:



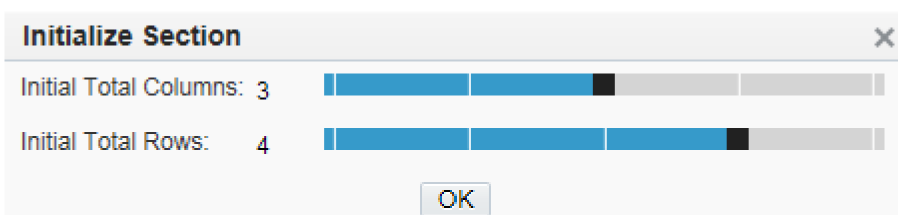
4. Click OK to confirm the delete.

Adding and Configuring Sections in the Designer Pane

You can add multiple sections to a Designer Pane.

To add a section:

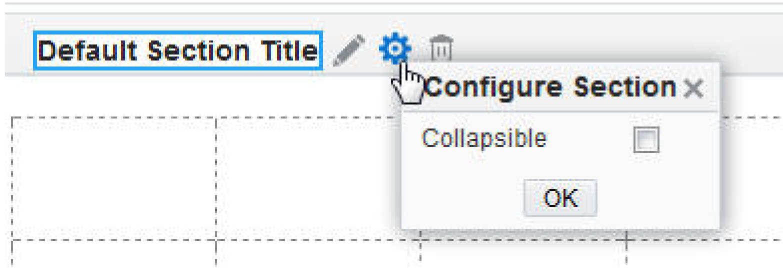
1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. Click the Add a New Section button located at the bottom of the Designer Pane frame. This action displays the Initialize Section dialog.
3. Specify the number of rows and columns that you want added to the grid in the new section as shown in the following example:



   A new section is added in the Designer Pane with the specified number of rows and columns. (Release 9.2.0.3)
4. Click Default Section Title in the title bar of the section frame to enter a title for the section of the Designer Pane. The title that you enter can be up to 80 characters. You can edit the title by clicking the Edit the title of this section icon.

> **Note:** If the Designer Pane contains only one section, the Default Section Title, Configure Section, and Delete this Section icons are not displayed.

5. Click Configure Section icon to configure Collapsible setting for the selected section as shown in the example:



Collapsible

Select to create a collapsible section in the Designer Pane.

In the Composed EnterpriseOne Page, a Collapse this section button is displayed adjacent to the section title of the Designer Pane content type. You can use this button to either collapse or expand a section in the Designer Pane of the Composed EnterpriseOne Page. The system preserves the Collapsible state across user sessions. (Release 9.2.0.3)

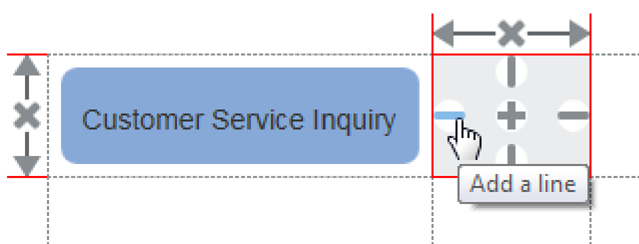
6. Click OK to save and close the configure section setting.
7. Add components to this section of the Designer Pane as described in the *Adding and Configuring a Component in Designer Pane*.
8. Click Save to save content to the Composed EnterpriseOne Page.
9. Close the Page Composer.

Note: You cannot delete a section, if the Designer Pane contains only one section.

Adding a Line

This section describes the steps to add a line in Designer Pane

1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, click the tile in the grid to highlight it.
3. Click Add a line (-) icons that are located on the edges of a cell to add lines in all four directions as shown in the following example:

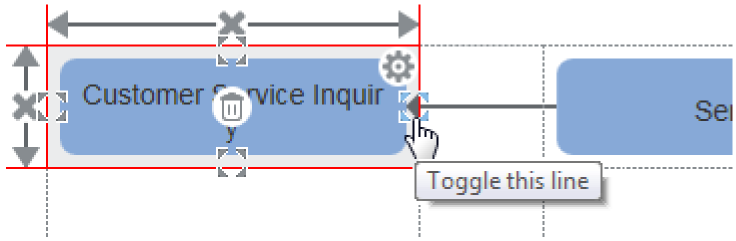


Adding an Arrow Connector

This section describes the steps to add an arrow connector to a tile in Designer Pane:

1. Open a Composed EnterpriseOne Page that contains a Designer Pane. You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, click the tile to which you want a connector added. This action highlights the tile.

3. Move your cursor to the edge of the cell and click the Toggle this line icon. This adds a line connector. Clicking the toggle button twice adds an arrow connector to the tile as shown in the following example:



Clicking the toggle button again will delete the arrow connector.

Note: The arrow connector appears only, if you are connecting two tiles.

Cutting, Copying, and Pasting a Tile in the Designer Pane (Release 9.2.2.2)

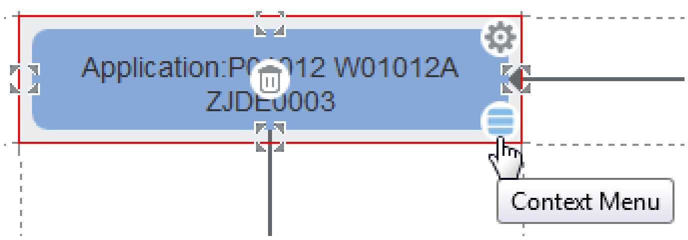
You can use the Cut, Copy, and Paste options to move or copy tiles within a Designer Pane. You can move or copy a tile and its component across multiple sections within a single Designer Pane, but not across different Designer Panes in a Composed EnterpriseOne Page.

To move or copy a tile and its component in a Designer Pane:

1. Open a Composed EnterpriseOne Page that contains a Designer Pane.

   You must be in the Page Composer to work with the Designer Pane.
2. In the Designer Pane, hover over the tile that you want to move or copy.

   The tile can contain either a component or line connectors. Hovering over the tile highlights it and displays the Context Menu icon as shown in the below image:



3. Choose one of the following:

   - To move or cut a tile, click the Context Menu icon and select Cut from the list. Alternatively, right-click the tile and then select Cut from the Context Menu options.

     When you use the Cut option, the selected tile component is deleted and its content is copied to the clipboard.
   - To copy a tile, click the Context Menu icon and select Copy from the list. Alternatively, right-click the tile and then select Copy from the Context Menu options.

     When you use the Copy option, the selected tile component is copied to the clipboard and can be pasted into a new location within the Designer Pane by using the Paste command

   Note: Cut and Copy options are not available for an empty tile.

4. Right-click the tile or hover over the tile on which you want to place the tile component and then select Paste from the Context Menu.

   You copy a tile once and paste it to multiple locations without having to select it again.

Note: For an empty tile, the Context Menu icon will be displayed only if the clipboard has some value already copied.

Moving tiles using the drag-and-drop operation:

The drag-and-drop operation is an alternative to moving tiles. Drag and drop the tiles if you want to rearrange the tiles in a Designer Pane. To move a tile, click the tile that you want to move and then drag the selection to another location in the Designer Pane. When you release the mouse, the tile component is moved to the new location.

When you move a tile using the drag-and-drop operation, the existing content of the destination tile is replaced. No value is stored in the clipboard when you drag a tile.

Using Composed EnterpriseOne Pages at Runtime

Once you have created and saved the Composed EnterpriseOne Pages using the Page Composer, the Composed EnterpriseOne Pages are displayed as tabs located at the top of the EnterpriseOne interface. The new Composed EnterpriseOne Page is added at the end of the tab strip. Your EnterpriseOne administrator grants permission to view a shared Composed EnterpriseOne Page. You can rearrange the tabs on the EnterpriseOne interface. If you log out of EnterpriseOne and log back in, the tabs are displayed according to the changes you made in the previous session, and the last opened Composed EnterpriseOne Page is displayed.

Note: A white dot beside the name of a Composed EnterpriseOne Page indicates that the Composed EnterpriseOne Page is a personal page you created.

A Composed EnterpriseOne Page can contain any one or more of the content types. The content appears in content frames. Content can be Designer Pane, Watchlist Pane, pages from a website, EnterpriseOne applications, One View Report, ADF application, and OBIEE Reports. The content frame title bar typically shows a title for the content and popup icons. You can view each content frame in maximized mode. When you click the popup icon, the content appears in maximized mode. Click the same icon again to return to the Composed EnterpriseOne Page.

Composed EnterpriseOne Pages display content vertically and horizontally as designed in the workspace, and enables you to work with content from multiple sources within a browser window. Applications launched from these Composed EnterpriseOne Pages do not contain a Close button. Instead, you can navigate away from the application by clicking other content within the page.

You can resize a content frame to show more or less content. When you resize a content frame, the page automatically resizes adjoining content to fit on the Composed EnterpriseOne Page. To resize a content frame, place your cursor either horizontally or vertically between two content frames. A thin blue line appears, and you change the size of the content frame by moving the blue line.

See *Using Page Composer* in this guide.

Note: - If you do not have UDO view security to the One View Report, a message "Requested One View Report not found" is displayed in the frame. - If you do not have UDO view security for EnterpriseOne Pages, a message "You do not have permission to access this Classic Page." is displayed in the frame. - If you do not have UDO view security to the ADF task, a message "You do not have permission to access this task." is displayed in the frame.

Watchlist Pane at Runtime (Release 9.2.0.3)

Watchlists are displayed on the Composed EnterpriseOne Pages depending on the type of Watchlist Pane added in the Page Composer. The Watchlists appear as tiles labeled with their names and display a number that represents a count of records that meet the query criteria. Starting with Tools Release 9.2.8.2, if you specify the threshold for a Watchlist, the Watchlist Badge displays a symbol that denotes the threshold type (Ascending or Descending). The symbol is not displayed if threshold value is not set for the Watchlist.

> **Note:** Starting with Tools Release 9.2.9.3, Widgets are displayed along with Watchlists on the Watchlist pane. The result of the Widget is displayed on the Watchlist Pane during runtime.

The Watchlist Pane content type displayed on the Composed EnterpriseOne Page consists of four filter tabs:

- **All** - In this tab, all the Watchlists are displayed without any filtering criteria.
- **Matches** - This tab displays all the Watchlists with a record count that have not breached the threshold limit.
- **Warning** - This tab only displays the Watchlists that have breached the warning and critical threshold limits.
- **Critical** - This tab only displays the Watchlists that have breached the critical threshold limits.

The first time you open the Composed EnterpriseOne Page with the Watchlist Pane, the EnterpriseOne updates the Watchlists with the most current information. The frequency of updates is determined by how the Watchlist was defined. However, you can use the Refresh icon in the tile to recompute that specific Watchlist information on demand. You can also use the Refresh All icon displayed on the top right of the Watchlist content frame to recompute all the Watchlists information. You can hover over a Watchlist to view the status and see how long it has been since its last update.

Based on the threshold type Watchlist pane displays the following status when you hover over them:

- **No threshold set:** This status is displayed when warning and critical threshold are not set for a Watchlist.
- **Within threshold limit:** This status is displayed when the Watchlist value is within the threshold limit.
- **Value is above the warning threshold count:** This status is displayed when threshold type is Ascending and the Watchlist value is above warning threshold.
- **Value is above the critical threshold count:** This status is displayed when threshold type is Ascending and the Watchlist value is above critical threshold.
- **Value is below the warning threshold count:** This status is displayed when threshold type is Descending and the Watchlist value is below warning threshold.
- **Value is below the critical threshold count:** This status is displayed when threshold type is Descending and the Watchlist value is below critical threshold.

When a Watchlist is defined, a warning threshold and a critical threshold are specified for that Watchlist.

- If a particular Watchlist has not breached the threshold, the record count appears in a blue box.
- If a particular Watchlist has breached the warning threshold, the record count appears in an orange box.
- If a particular Watchlist has breached its critical threshold, the record count appears in a red box.

If the record count exceeds the maximum records to return, a plus sign is displayed. It may be in an orange or a red box depending on the warning and critical thresholds that have been set up for the Watchlist.

Clicking the Watchlist tile takes you to the application where you can see the items included in the query.

Note: When you create a Watchlist item in the Data Browser, the Data Browser cannot be launched from the Watchlist drop-down menu, EnterpriseOne pages or Composed EnterpriseOne pages. (Release 9.2.1)

Springboard Pane at Runtime (Release 9.2.1)

The Springboard Pane on the Composed EnterpriseOne Page displays all the tasks that are the children of the parent task that you added. The tasks displayed on the Springboard Pane are labeled with task names and display an image associated with it. The Springboard Pane provides quick access to the EnterpriseOne applications, batch programs, ADF applications, and One View Reports.

Note: A message is displayed in the content frame of the Springboard Pane if:

- The task folder does not contain any tasks.
- The role does not have permission to access the task folder.

The Springboard Pane displays only those tasks for which a role has permissions. When you click a task in the Springboard Pane, the system opens the associated application in a separate frame and launches a springboard. The springboard is a container that includes task items that can be opened. By default, the springboard is displayed at the top of a form. The Springboard Pane on the Composed EnterpriseOne Page displays only application, batch program, ADF application, and One View Report task types that exist in the specified task view or task folder. Webpages included in a task view or task folder will not be displayed on the Springboard Pane.

The tasks displayed on the springboard appear as tiles. On a springboard, each task tile contains an image and text describing the application or the task with which it is associated. Click a tile in the springboard to open the application in a new frame. The springboard container highlights the task tile that represents the application that is currently open. You can open a different application by clicking an icon in the springboard. Every application launched from the Springboard Pane displays the springboard container and shows the same icons in the same sequence. If you navigate to a different application using springboard and return to one of the previously launched applications, then the system opens the existing session.

The springboard can be docked along any of the four sides of the frame. You can change the springboard position by dragging and dropping the springboard to a new position. When docked along the top or bottom of the frame, the tiles are displayed horizontally. When docked along the right or left, the tiles are displayed vertically.

You can expand and collapse the springboard container. Click the bar along the edge of the springboard container to toggle between the expandable and collapsible states of the springboard.

EnterpriseOne preserves the springboard position and the expand/collapse state of the springboard container. The next time you log in to the JD Edwards EnterpriseOne application, the springboard appears at the same location with the same state from the previous session.

The Springboard Pane displays a message when a task index build is in progress. You can continue to work on other applications or switch to other Composed EnterpriseOne Pages that do not depend on the task index builds. After the build is complete, the Springboard Pane is automatically displayed with the task items.

See *Working with Task Index Builds (Release 9.2.1)* for more information.

Viewing Tasks in the Springboard Pane

The Springboard Pane displays only those task items for which a role has permissions. Menu indexing determines the correct set of task items to be displayed for a role in the Springboard Pane.

When you launch a role-based task, the system applies your login role to the task. If the system administrator has applied other roles to you, then you can view the tasks by any of those roles to see a different set of tasks. The various permissions required for a role to access tasks in a Springboard include menu filtering, task view security, and application security, and UDO view security for OVR tasks. See *Working with Task Index Builds (Release 9.2.1)* for more information.

If the sequence for tasks in a task folder is changed, then you must rebuild the parent task using the Work with Task Index Builds application (P90013) for the Springboard Pane to reflect the new sequence.

See *Building a Task Index By Task* for more information.

Menu Pane at Runtime (Release 9.2.4.3)

The Menu Pane on the Composed EnterpriseOne Page displays the Favorites menu content and the EnterpriseOne menu content that you added. The tasks displayed on the Menu Pane are labeled with task names and an associated an image is displayed against each task name.

Favorites

The EnterpriseOne Favorites subtype displays your favorite EnterpriseOne menus and the tasks associated with each menu. The favorites subtype displays applications, batch programs, ADF applications, One View Report task types that exist in the specified task view or task folder, folders, user folders, and URLs.

> **Note:** A message is displayed in the content frame of the Favorites Menu Pane if your role does not have permissions to access the task.

EnterpriseOne Menus

The EnterpriseOne Menu subtype displays tasks based on the EnterpriseOne Menu preference that was selected in the design mode. The EnterpriseOne Menu sub type displays applications, batch programs, ADF applications, One View Report task types that exist in the specified task view or task folder, folders, and URLs.

> **Note:** A message is displayed in the content frame of the EnterpriseOne Menu Pane if:
> - The task folder is empty.
> - Your role does not have permission to access the task folder.

The EnterpriseOne menus displayed on the Menu Pane appear as tiles. Each task tile contains an image and text describing the associated application or task. Tasks under the Favorites subtype have only a title and not the task name. Click a tile in the Menu Pane to open an application in a new frame.

The EnterpriseOne menus are stacked as film strips containing the stack of navigation folder in a queue with the current folder at the end of the queue with a different icon. The system displays a structure user interface between the folders indicating their parent-child relation with a visual boundary above the folders. The system displays different folder icons for a user folder and a task folder in the film strip.

EnterpriseOne preserves the menu position within a user session but not across user sessions. If you enter the design mode or log out of the existing session, the system cleans up the menu position.

The Menu Pane displays a message when a task index build is in progress. You can continue to work on other applications or switch to other Composed EnterpriseOne Pages that do not depend on the task index build. After the build is complete, the Menu Pane is automatically displayed with the task items.

Widget Pane at Runtime (Release 9.2.9.4)

When you add a Badge type Widget to a Widget Pane, it is displayed the same way as it is displayed on a badge during the runtime. See *Widget Badges at Runtime (Release 9.2.9.3).*

The Meter, Chart, and Text type Widgets are displayed based on their design settings.

For more information on how to design a Widget, see *Designing the EnterpriseOne Widgets*.

You can enter input values depending on the design settings and modify the title in the Widget Configuration window. Click the **Widget Configuration** icon on the Widget Pane, enable the **Override Tile** option, enter the new title and input values in the Title and Value fields, and click **Save**.The system displays the modified Widget based on the new input value and title.

The system displays an invalid input error message if you enter a wrong input.

(Release 9.2.26.0) When the **Inline** option for inputs on the Widget Configuration window is enabled by the designer, you can view the input fields above the Widget visualization during runtime. The inline input fields are displayed depending on the orchestration input type. For example, the system allows you to enter a string in the string input field, choose a date in the date input field using the date picker, enable or disable the Boolean type of input option, and so on. When you enter an input and press Tab or Enter, the system updates the visualization of the Widget.

> **Note:** The Inline Input field and the Input field in the Widget Configuration window are the same. If you change the input value in the Input field of the Widget Configuration window, the system automatically updates the same value in the Inline Input field. Conversely, if you change the input value in the Inline Input field, the system updates the value in the Input field of the Widget Configuration window.

Depending on the design settings, the system may display a scroll bar if there are multiple inline inputs.

See *Entering Widget Pane Information*.

> **Note:** *Publishing Widgets to a Widget Pane on an EnterpriseOne Page*

> **Note:** *Publishing Widgets to a Widget Pane on an EnterpriseOne Page*

Running Orchestrations from Designer Pane (Release 9.2.6)

You can run orchestrations and notifications that are associated with a tile in a designer pane from a Composed EnterpriseOne Page. The orchestrations or notifications in a designer pane are displayed as tiles labeled with their names in the content frame.

To run an orchestrations or notifications from the designer pane:

1. Open the Composed EnterpriseOne Page that contains the designer pane that has the orchestrations or notifications associated with the tiles.
2. Click the tile that contains the orchestrations or notifications.

   > **Note:** If the orchestration or notification cannot be run because of an error, a red x icon is displayed on the top right corner of the tile. Hover over the red x icon to view the error, which may be one of the following:
   >
   > - AIS Login Failure: This indicates that the AIS server is down. This error message will not be displayed in logic extension.
   > - Orchestration is updated with unsupported data type: This indicates that the orchestration has been updated to contain unsupported data types (object inputs).

3. (Optional) When configuring the designer pane components in Associate Orchestration pop-up window, If the Allow Input toggle button is enabled for any of the inputs of orchestration or notification then the Enter Input dialog box is displayed with Orchestration Inputs and File Inputs tabs in runtime.

   > **Note:** If Orchestration only has either Orchestration Input or File Input, then only the corresponding tab is displayed.

   In the Orchestration Inputs tab, When you place the cursor in the Default Value field, you see a balloon that displays the input data type. If default values have been defined for the inputs in the Associate Orchestration pop-up window or the Orchestrator Studio, the default values are displayed in italic font.

   If the input type is array, then click the corresponding **Multiple Inputs** button under Default Value in the Enter Input popup window. A pop-up box is displayed that contains an array of inputs with default values. You can modify, delete, or add new rows. Click **OK** to save your changes.

   In the File Inputs tab, you can upload file inputs for Orchestrations. When you select the File Inputs tab, the file upload option is displayed where you can drag and drop the file or use the upload button to select the files for uploading. You can upload individual or multiple files, depending on the File Inputs configuration selected in the Orchestration Studio.

> **Note:**
> - The maximum file size depends on the MaxFileUploadSize configuration in JAS.ini. If file size exceeds the configured maximum, an error message will be displayed.
> - When you upload duplicate files or upload files that do not match the Studio configuration, an error message is displayed.

In the **Enter Input** dialog box, enter new values for the inputs as applicable and then click **Reset** to clear the values or click **OK** to run the orchestration.

According to the output configuration, if the Files option is selected in the Orchestration Studio, you can download the file that has been successfully processed during the Orchestration process. Orchestration Studio allows you to download the response as a single file or a zip file.

By clicking the Download File icon, the file is downloaded to the browser's default download directory. If you close the window without downloading the file, a confirmation message appears.

You can resize the pop-up box by using the Resize icon in the bottom-right corner to accommodate the number of columns and rows that you want to display in the pop-up box.

> **Note:** *Click here to view a recording of this feature.*

> **Note:** *Click here to view a recording of this feature.*

> **Note:** *Click here to view an OBE of this feature.*

> **Note:** An asterisk (*) displayed beside the **Value** field for an orchestration or notification input indicates that the input is mandatory. If the **Value** field is blank for a required input, when you click **OK**, a message is displayed to indicate that you must enter a value in the field to proceed.

4. A dialog box is displayed that informs you whether the orchestrations or notifications ran successfully.

   If the **Show Message** toggle button is enabled in the Associate Orchestration pop-up window when configuring the designer pane components, the response message configured for the orchestration in the Orchestrator Studio is also displayed.
5. (Optional) Click the **Info** (**i**) icon to view more information about the orchestration or notification response and then click **OK**.
6. Click **OK**.

Navigating to EnterpriseOne pages from Designer Pane (Release 9.2.7.4)

Starting with Release 9.2.7.4, you can navigate from a Composed EnterpriseOne Page to another EnterpriseOne page by using a tile with Tile Type Page in the Designer Pane.See *Adding and Configuring a Component in Designer Pane* for more information. The Title you have given for that tile in Configure Tile dialog is displayed in the content frame of the tile. When you click the tile and navigate to another EnterpriseOne page, breadcrumb and Back button is displayed. You can use the breadcrumb to navigate to an EnterpriseOne page in your navigation history or you can use the Back button to go back to the previous page.

Note: *Click here to view a recording of this feature.*

Note: *Click here to view a recording of this feature.*

Note: *Click here to view an OBE of this feature.*

Watchlist Badges at Runtime (Release 9.2.7.4)

When you associate a Badge with Watchlist, the Badge displays a number that represents a count of records that meet the query criteria. Starting with Tools Release 9.2.8.2, if you specify the threshold type for a Watchlist, the Watchlist Badge displays a symbol that denotes the threshold type (Ascending or Descending).The symbol is not displayed if threshold value is not set for the Watchlist. The first time you open the Composed Page, the system will update the Watchlist Badges with the most current information. The frequency of updates after that is determined by how the Watchlist was defined. However, if you hover over the tile or cell with the Watchlist Badge, Refresh icon will be displayed, you can use the Refresh icon to recompute information of the Watchlist Badges associated with that tile or (Release 9.2.9.3) connector on demand. You can hover over a Watchlist Badge to view the status of the associated Watchlist and see how long it has been since the Watchlist Badges last update.

Based on the threshold type Watchlist badge displays the following status when you hover over them:

- **No threshold set:** This status is displayed when warning and critical threshold are not set for a Watchlist.
- **Within threshold limit:** This status is displayed when the Watchlist value is within the threshold limit.
- **Value is above the warning threshold count:** This status is displayed when threshold type is Ascending and the Watchlist value is above warning threshold.
- **Value is above the critical threshold count:** This status is displayed when threshold type is Ascending and the Watchlist value is above critical threshold.
- **Value is below the warning threshold count:** This status is displayed when threshold type is Descending and the Watchlist value is below warning threshold.
- **Value is below the critical threshold count:** This status is displayed when threshold type is Descending and the Watchlist value is below critical threshold.

When a Watchlist is defined, a warning threshold and a critical threshold are specified for that Watchlist.

- If an associated Watchlist has not breached the threshold, it appears as a blue badge.
- If an associated Watchlist has breached the warning threshold, it appears as an orange badge.
- If an associated Watchlist has breached its critical threshold, it appears as a red badge.

Clicking the Watchlist badge takes you to the application where you can see the items included in the query.

Note: *Click here to view a recording of this feature.*

Note: *Click here to view a recording of this feature.*

Note: *Click here to view an OBE of this feature.*

Note: *Building an Enterprise Automation Dashboard*

Note: *Building an Enterprise Automation Dashboard*

Widget Badges at Runtime (Release 9.2.9.3)

Starting with Tools Release 9.2.9.3, you can add Widgets to the Badges. The output of the Widget is displayed on the badge similar to Watchlists.

If you have added a Numeric Badge type Widget to the Badge, it displays a symbol that denotes the threshold type (Ascending or Descending).The symbol is not displayed if the threshold value is not defined for the Widget.

The first time you open the Composed Page, the system will update the Widget Badges with the most current information. When you hover over the tiles with the Badges, the Refresh icon will be displayed. You can use the Refresh icon to recompute information of the Widget Badges associated with that tile on demand.

Based on the threshold type, Widget (Numeric Badge type) Badge displays the following status when you hover over them:

- **No threshold set:** This status is displayed when warning and critical threshold are not set for a Widget.
- **Within threshold limit:** This status is displayed when the Widget value is within the threshold limit.
- **Value is above the warning threshold count:** This status is displayed when threshold type is Ascending and the Widget value is above warning threshold.
- **Value is above the critical threshold count:** This status is displayed when threshold type is Ascending and the Widget value is above critical threshold.
- **Value is below the warning threshold count:** This status is displayed when threshold type is Descending and the Widget value is below warning threshold.
- **Value is below the critical threshold count:** This status is displayed when threshold type is Descending and the Widget value is below critical threshold.

The Widget badges display in the following colors:

- If an associated Widget has not breached the threshold, it appears as a blue badge.
- If an associated Widget has breached the warning threshold, it appears as an orange badge.
- If an associated Widget has breached its critical threshold, it appears as a red badge.

When the Badge is associated with a Text Badge type Widget, it displays the resulting text from the Widget on the Badge in blue color.

You can hover over a Widget Badge to view the name and the status of the associated Widget and see how long it has been since the Widget Badges last update.

Clicking the Widget Badge takes you to the application defined when the Widgets are created.

Note: *Building an Enterprise Automation Dashboard*

Note: *Building an Enterprise Automation Dashboard*

Notification Badges at Runtime (Release 9.2.26.0)

Starting with Tools Release 9.2.26.0, you can add a notification Badge to a tile on composite pages. The Badge displays the total number of unread notifications associated with your subscriptions. The system automatically updates this count when you receive new notifications or mark notifications as read or unread. Click the **Bell** icon to open the notifications list, which displays all notifications sorted by time. You can view, acknowledge, or act on notifications directly from this list.

For more information, see *Working with Received Notifications* in the *JD Edwards EnterpriseOne Tools Foundation Guide* .

Note: Your EnterpriseOne administrator must enable the feature, action, and view security permissions to authorize you and other users to work with and view notifications on the notification badge. See Managing Security for User Defined Objects in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

Enterprise Process Pane at Runtime (Release 9.2.26.0)

By using an Enterprise Process Pane on a composed page, you can visualize an enterprise process based on real-time data and engage with the nodes interactively.

On the Enterprise Process Pane, you can choose from a set of user generated enterprise process UDOs from the Select Processes drop-down list, visualize a graphic of the process model, visualize KPIs, metrics and measurements that apply to nodes and connections within the process model, and other functions. The system displays a black dot icon next to the process names that are saved as Personal UDOs in the Select Processes drop-down list.

Note: All the filter changes and operations, such as changing display and analytics options, changing nodes and link metrics, saving or selecting a snapshot, and so on, that can be performed in the runtime mode of the Enterprise Process Modeler, can be performed using the Enterprise Process Pane of the composed page. Certain functionalities, such as split views and compare mode, are not available while viewing a process model in an Enterprise Process Pane. See the *Analyzing an Enterprise Process* section in the *JD Edwards EnterpriseOne Tools Enterprise Process Modeler Guide* .

You can add up to two Enterprise Process Panes with different enteprise processes or two instances of a same enterprise process with different filter and metrics side by side and analyze them. You can also save an enterprise process as a Snaphot. You can select the required processes from the **Select Process** drop-down list, or enable the **Snapshot** option and select the required snapshot from the **Select Snapshot** drop-down list from both the panes.

Note: The runtime changes, such as the filter settings, My Processes, and All Processes options, selected Process UDO, Snapshots, Node and Link metric changes, and so on, are automatically saved by the system.

You can also open the process in the Enterprise Process Modeler from the Enterprise Process Pane by clicking the **Open Enterprise Process** icon on the right corner of the pane.

Note: *Building an Enterprise Automation Dashboard*

Note: *Building an Enterprise Automation Dashboard*

Working with Task Index Builds (Release 9.2.1)

Menu Indexing is the process to identify the tasks that can be displayed and accessed by a role from EnterpriseOne. Menu Indexing is based on menu filtering where you can selectively enable or disable tasks by role in a task view).

Based on the menu indexing functionality, the correct set of task items is displayed for a role. Menu indexing is supported by the following two tables:

- **Item Detail** (F90012): This table is the key to menu indexing. The Item Detail table (F90012) contains details about the tasks assigned to each logged in role. The table also has details of the roles, tasks, and task views that have been processed in the Work with Task Index Build application.
- **Task Index Status** (F90013): The Task Index Status table (F90013) stores the status of the task build requests and triggers record generation in the Item Detail table (F90012).

The Work with Task Index Builds application (P90013) enables the system administrator to interact with the Task Index Status table to build task index for roles, tasks, or task views in the Item Detail table. In the Item Detail table, the tasks in a folder are flagged as secured or not. The corresponding workspace then shows the tasks that are not secured for the role.

In the Work with Task Index Builds application, you can filter records by role, task ID, and status of the build requests. You can use the Status column in the grid to identify the status of the task index builds:

Status	Icon	Description
Pending	Blue circle	Indicates that the build is queued and waiting to be processed.
Processing	Yellow inverted triangle	Indicates that the task index build is being processed.
Complete	Green circle	Indicates that a task index has been generated for the role.
Failed	Red square	Indicates that the task index could not be built due to an error.

A Failed status corresponds to an error in the database and could occur, for example, when your session expires due to a timeout or you log out when the requested build is in Processing status. The system administrator can rebuild the failed record, or the system automatically rebuilds it when the user logs in with a role for which build failed.

Starting from Release 9.2.4.3, you can disable the task index build using the TASKSEARCH feature security. If the system detects a process that remains in Update status longer than the user session , it rebuilds the index. The system also checks for discrepancies in the base and language indexes and rebuilds the index if discrepancies exist. The task index build is disabled on a WebDev machine.

> **Note: (Release 9.2.4.3)** The task index build process is moved to the Enterprise Server to reduce the load on the Web servers. If both JAS and Enterprise Servers are on Tools Release 9.2.4.3 and the Tools Rollup ESU is applied, the task index build runs on the Enterprise Server. The JAS server calls the business function B98MUIDX asynchronously.

Using the Work with Task Index Builds application, the system administrator can initiate the following actions from the Form menu:

- Purge All: A system administrator can choose Purge All to clear all the task index records from the Item Detail (F90012) and Task Index Status (F90013) tables. If you use this option, JAS might take a long time to delete all the records from these two tables. Alternatively, an SQL truncate table in the database directly will be much faster.
- Build By Role: Enables the system administrator to build task index for specific roles.
- Build By Task: Enables the system administrator to build task index for specific tasks.
- Build By Task View: Enables the system administrator to build a task index for specific task views.

> **Note:** In Work with Task Index Build application, the Delete button deletes the entire record from the database. The system administrator should delete only those records that have been remained in the Processing status for a very long time (such as hours/days).

Building a Task Index for a Role

To view the task items in a Springboard Pane, the task index must already be built.

There are two ways a task index is built. The system administrator can build the task index for a role by using the Work with Task Index Builds application (P90013), which generates records for the role in the Task Index Status table. Depending on the data in the Task Index Status table, the Springboard Pane displays a set of tasks that the role can access for a specific task folder.

Also, logging in to EnterpriseOne with a role that the system administrator has not built triggers an automated build of the task indices for that role.

> **Note:** A blank value in the Program ID for a particular row in the grid indicates that a build was processed when a user with a role logged in. Although the build was generated by the system and not from the Work with Task Index Builds application, a record is displayed in the application.

To build a task index for a role:

1. In JD Edwards EnterpriseOne, open the Work with Task Index Builds application (P90013).
2. Select Build by Role from the Form menu.
3. In Build Task Index by Role, click the Find icon.

   You can filter records in the grid using the header row or the Query By Example row. The system displays all the existing roles in the grid.
4. Select the role that you want to process. You can also select multiple roles for which you want to build the task index.

A check mark is displayed in Previously Processed column of the grid if a task index build was previously processed for the role.

5. Click the Build Selected Rows button. Alternatively, you can select Build Selected Rows from the Row exit.
6. 6. Click the OK button on the confirmation message. This action triggers a build of task index records in the Task Index Status table for the selected role.
7. In Work with Task Index Builds, a new record is added for the selected role.

When the status of the record in the grid is Complete, a task index is built for the selected role.

Building a Task Index By Task

If you add a new task in a task folder, then you have to build the task index for the changes to reflect in the Springboard Pane. You can build task folders for any roles that have been previously processed.

You use the Build by Task option to do the following:

- Build a new task index for a task folder, but for roles that have been previously processed.
- Rebuild task folders that have been previously built for a specific role.

To build a task index for a task:

1. In JD Edwards EnterpriseOne, open the Work with Task Index Builds application (P90013).
2. Select Build by Task from the Form menu.
3. In Build by Task, click the Find icon.

   You can filter records in the grid using the header row or the Query By Example row.

   > **Note:** Clicking the visual assist for the Task ID enables you to search for task folders in the F9000 table. The grid in the Build by Task form will only display task folders, so any attempts to search for other task types will display this message: "No records found."

4. Select a valid Task ID that you want to process. You can also select multiple tasks for which you want to build the task index.
5. You can choose to do either of the following:
   - Click the Build Selected Rows button to build the task index for the selected Task ID rows. The task index is built only for that role in the selected row.

     Alternatively, you can select the Build Selected Rows from the Row exit.
   - Click the Build Selected Rows for All Roles button to build the task index for all the roles that have already been built with the selected Task ID.

     Alternatively, you can select Build for All Roles from the Row exit.
6. In Work with Task Index Builds, a new record is created for the selected task ID.

When the status of the record in the grid is Complete, a task index is built for the selected task ID.

Building Task Index By Task View

When you create a new task view, you have to build the task index for the new task view so that it can be accessed from the Springboard Pane.

To build a task index for a task view:

1. In JD Edwards EnterpriseOne, open the Work with Task Index Builds application (P90013).
2. Select Build by Task View from the Form menu.
3. In Build by Task View, click the Find icon.

   You can filter records in the grid using the header row or the Query By Example row. The grid displays all the existing task views.
4. Select the task view that you want to use in the Springboard. You can also select multiple task views for which you want to build the task index.
5. 5. Click the Build Selected Rows for All Roles button to build the task index for all the selected task view rows. The build is processed for all the previously processed roles.

   Alternatively, you can select Build for All Roles from the Row exit.
6. In Work with Task Index Builds, new records are created for all the previously built roles with the selected task view.

When the status of the record in the grid is Complete, a task index is built for the selected task.

Rebuilding Task Index by Role and Task

A system administrator can choose to rebuild the task index for specific roles or tasks. Row exit provides a quick way to find and rebuild roles or tasks that are already processed from the Work with Task Index Builds application. Rebuilding is helpful in a situation where a task index build has failed or if the task index for a specific role is outdated. You can choose to rebuild after fixing the error. When you rebuild a role or a task, all the existing records will be removed from Task Index Status table before rebuilding them.

You can rebuild the task index for a specific role when there are any changes to the role in terms of menu filtering, tasks the role can access.

To rebuild task index by a role:

1. Open the Work with Task Index Builds application and select a record.
2. Select Rebuild by Role from the Row menu.

   The Build Task Index by Role form is displayed. The form narrows the search and displays the record for the selected role. Note that the list of valid roles is limited to those roles that have been previously built. A check mark is displayed in the Previously Processed column of the grid.
3. Click the Build Selected Rows button to regenerate a task index for the specific role. All tasks for the specific role will be rebuilt. Alternatively, you can select Build Selected Rows from the Row exit.

Note: Language records for the selected role are not rebuilt.

You can rebuild the task index for a task when there are any changes to it.

To rebuild a task index by task:

1. Open the Work with Task Index Builds application and select a record.
2. Select Rebuild by Task from the Row menu.

   The Build by Task form is displayed. The form narrows the search for the specific role and task ID. Note that the list of valid tasks is limited to those tasks that have been previously built.
3. Click the Build Selected Rows button to regenerate a task index for the specific task. Alternatively, you can select Build Selected Rows from the Row exit.

Note:

- Language records are rebuilt for the selected tasks.
- Clicking the visual assist for the Task ID enables you to search for task folders in the F9000 table. The grid in the Build by Task form will only display task folders, so any attempts to search for other task types will display this message: "No records found."
- Task views can be rebuilt only through Build by Task View from the Form exit in the Work with Task Index Builds application.

Creating Images in EnterpriseOne (Release 9.2.0.2)

This section discusses how to create and modify images in EnterpriseOne.

You can create images outside of EnterpriseOne using any image editor, then upload them to EnterpriseOne. You use Image Manager to add, modify, and save images. These images can be displayed in the tiles of the Designer Pane.

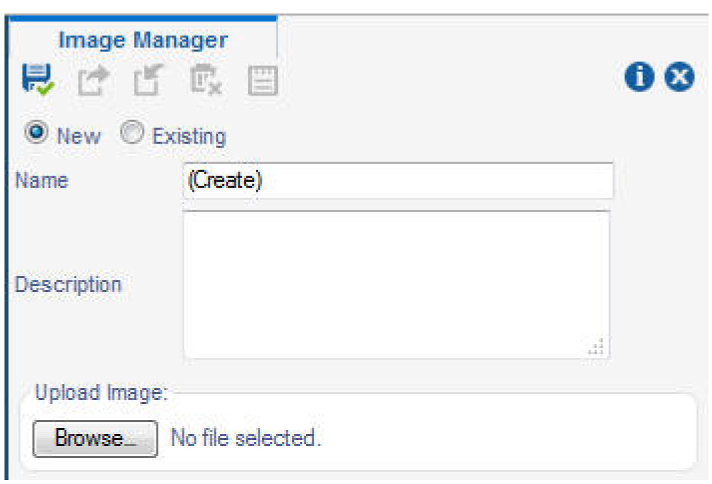
Your EnterpriseOne administrator grants permission for you to create, publish, and modify images. In addition to these permissions, your administrator must enable feature and action security to authorize you and other enabled users to work with images. You do not require view security for images; every user can view all the published images.

See "Managing Security for User Defined Objects" in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

The icons in the Image Manager are available for all User Defined Objects (UDOs) and are discussed in the *UDO Life Cycle and Statuses* of the *JD Edwards EnterpriseOne Tools Foundation Guide* .

To create an image:

1. Open EnterpriseOne.
2. Click the user personal information located on the right side of the banner bar at the top of the screen.
3. Under the Personalization category, click the Manage Content link, then select Images. Image Manager side panel is displayed as shown:



4. On Image Manager, choose New to create a new image.
5. Enter the information into the following fields:
    - Name

      The system automatically enters (Create).

      This file name of the selected image is displayed.
    - Description

      Enter a description for the image. If you do not enter any information, image name will be displayed in the Description field.
6. Click the Browse button to locate the new image file you want to upload.

    > **Note:** The graphic image types can be in gif, jpeg, jpg, and png formats.
7. Click Save.
8. Close the Image Manager.

You can display the images on the tiles in the Designer Pane of a Composed EnterpriseOne Page.

See "Auto Image" in *Adding and Configuring a Component in Designer Pane*.

> **Note:** *Click here to view a recording of this feature.*

Modifying Images in EnterpriseOne

You use Image Manager to modify existing images.

To modify an existing image:

1. Open EnterpriseOne.
2. Click the user personal information located on the right side of the banner bar at the top of the screen.
3. Under the Personalization category, click the Manage Content link, then select Images. Image Manager side panel is displayed.
4. On Image Manager, choose Existing to select an existing image to modify.

5. Enter the information into the following fields:

   Name

   Enter the name of the existing image you want to modify.

   > **Note:** The image file name and its extension are case sensitive.

   When you click the Find button, the Available Images window is displayed with all the images that are available to you and are in one of these categories:

   - Personal: Images that are viewable by you only.
   - Pending Approval: Images that you requested your administrator to publish so that they can be shared with other authorized users. Only you can see these images.
   - Rework: Images that are rejected by your administrator and have been returned to you for fixing. Only you can see these images.
   - Reserved: Images that you have moved from Pending Approval so that you can change them before they are published or images that are rejected by the administrator and are in the Rework category.

     You can reserve a shared image. When you reserve a shared image, there are two copies of it: the original shared image that only you can view and modify (the reserved copy) and the original shared image that is still available to other authorized users.
   - Shared: Images that have been published and are available to all authorized users.

   Description

   System automatically displays the description of the selected image. You can change this information, and enter a new description. If you do not enter any information, image name will be displayed in the Description field.
6. Click the Browse button to locate the replacement image file you want to upload.

   > **Note:** The graphic image types can be in gif, jpeg, jpg, and png formats.

7. Click Save.
8. Close the Image Manager.

7 Classic EnterpriseOne Pages

Classic EnterpriseOne Pages Overview

As of EnterpriseOne Tools release 9.2.0.2, EnterpriseOne Pages are referred to as Classic Pages. Classic EnterpriseOne Pages are the first screen end users see when they log into EnterpriseOne. They are HTML files, and can contain any HTML-enabled functionality, such as interactive process flows, URL links and web pages, company logos, and so forth. You must be proficient in coding HTML to configure or create EnterpriseOne Classic Pages.

A type of Classic EnterpriseOne Pages called Active Content Pages include enhanced content provided by the Oracle JET (JavaScript Extension Toolkit) library. Active Content Pages are prebuilt pages designed for particular user types called "personas." Before you can use Active Content Pages, an administrator must use Server Manager to configure the EnterpriseOne HTML Server to access the EnterpriseOne Application Interface Services (AIS) Server. An administrator can refer to the internal help in Server Manager for a description on how to configure the EnterpriseOne HTML Server setting for this configuration.

For information about the various Active Content Pages available in EnterpriseOne, search on "Active Content" in the JD Edwards EnterpriseOne Applications Documentation Library located at:

https://docs.oracle.com/cd/E64610_01/index.htm

You create EnterpriseOne Pages outside of EnterpriseOne using any HTML editor, then upload them to EnterpriseOne.

You upload EnterpriseOne Pages using the design panel located on the right side of EnterpriseOne. You can link to a URL, or upload an HTML zip file that contains the necessary files for the EnterpriseOne Page.

Creating a Classic EnterpriseOne Page

To create an Classic EnterpriseOne Page:

1. Open EnterpriseOne.
2. Click the user personal information located on the right side of the banner bar at the top of the screen.
3. Under the Personalization category, click the Manage Content - Classic Pages link. (Release 9.2.0.2)
4. In the E1 Page Manager tab, enter information into the following fields:
    - Name

      You will enter this information when you save the EnterpriseOne Page. This name displays as the name of the EnterpriseOne Page tab.
    - Product Code

      Type the product code number you want to associate with the EnterpriseOne Page, or click the Find button to search for one. Oracle recommends you use product code 55 for customized EnterpriseOne Pages.
    - Description

      Type the text that will display when you hover over the tab name.

5. Choose the Page Type by selecting either Page URL, or Upload HTML Content.

   If you selected URL Link, the Enter Page URL: field displays. Enter the URL you want added to your EnterpriseOne Page, and then click Verify Link.

   > **Note:** Remember to add http:// or https:// to the beginning of the URL. If you EnterpriseOne URL is configured with HTTPS/SSL, then use URLs with HTTPS/SSL to prevent security warnings in your browser.

   > **CAUTION:** After clicking Verify Link, you may receive the following message: Verification Failed: The web page cannot be embedded within a frame. Because of the many different ways a website can be built, the validation process cannot guarantee that the URL you select will always be able to be embedded in the EnterpriseOne Page especially if the website changes dynamically. The result is an empty content frame even though you received the message indicating the URL successfully validated.

   If you have selected Upload HTML Content, a Browse, Upload, View Content, and Download buttons display.
6. Click the Browse button to locate the HTML zip file you want to upload.
7. Click the Upload button to add the content to the EnterpriseOne Page.
8. Click the View Content button see how the content displays in the EnterpriseOne Page.
9. Click the Download button to creates a zip file with all of the HTML contents of the current page. This features helps restore source information that may be have been lost.
10. Click Save.
11. Click OK

    After you click Save, the Available Languages, and the Language fields display.
12. If you select Domestic Language from the drop-down menu, EnterpriseOne removes the Language field.
13. If you select Add Translation from the drop-down menu, the Language field remains. In this field, enter the translation code in which you want the EnterpriseOne Name tab to display.

> **Note:** You must first request to share the EnterpriseOne Page and receive View permissions from your system administrator before your page is available in runtime.

Enabling Classic EnterpriseOne Page Translation

> **Note:** As of EnterpriseOne Tools release 9.2.0.2, EnterpriseOne Pages are referred to as Classic Pages.

After you create and save an EnterpriseOne Page, the Available Languages, and the Language fields appear.

To enable EnterpriseOne Pages for Translation

1. Select (Add Translation) from the Available Languages drop-down menu.
2. In the Language field, enter the abbreviation for the language you want the EnterpriseOne Page to be translated into, for example, S for Spanish.

   You can also use the Find button to locate the language abbreviation.
3. In the Name field, replace the existing name with a translated name for the new language. This name is the name of the EnterpriseOne Page tab.
4. In the Description field, enter a translated description of the EnterpriseOne Page using the new language for the hover text that appears over the tab name.

If the EnterpriseOne Page contains uploaded information, click the Upload button and select the translated zip file that corresponds to the current EnterpriseOne Page.

5. Click Save.

8 Working with EnterpriseOne Search (Release 9.2.1.2)

EnterpriseOne Search Overview

The JD Edwards EnterpriseOne Search feature enables you to search across one or more tables or business views for data that contains your search criteria without the need to navigate to multiple applications. From the search results window you can also drill into additional data related to the selected search result or open an application to get more information on the selected record. EnterpriseOne Search uses configurable Search Groups and the Application Interface Services (AIS) data service to easily search across your business data.

The configurable search groups define:

- The tables or business views that are to be queried
- Columns within the tables or business views you want to search over
- Which columns to include in the search results and how they will be displayed
- Any actions that can be performed on the search results
- Any information related to the search results that resides in another table or business view to be displayed

A search group is a collection of tables or business views to search over. Using the Search Groups Manager, you can design and save search groups for search criteria over any number of tables or business views. For each table or business view within a search group, you can also add conditions to narrow the search results, define and map columns to related information and actions, and add advanced features such as sorting criteria and maximum number of records to be displayed within the search results.

Search groups that you have access to are listed in a drop-down attached to the Search field, which is displayed in the EnterpriseOne menu bar adjacent to your login name. You can switch between the search groups by selecting the one you want from the list.

Search Group Manager

You must use the Search Group Manager to create a new search group or to make changes to existing search groups. Your EnterpriseOne administrator grants permission for you to create, publish, and modify search groups.

See "Managing Security for User Defined Objects" in the *JD Edwards EnterpriseOne Tools Security Administration Guide .*

The icons in the Search Group Manager panel are available for all User Defined Objects (UDOs). If any of the icons are grayed out, the action is not available for the selected form or is not available until you select another action.

For details about using the icons in the Search Group Manager, see the following topics:

- Save and Save As: See *Saving Search Groups*
- Request to Publish: See *Publishing UDOs*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*

- Notes: See *Modifying a UDO that was Rejected for Publishing*
- About Search Group: Enables you to view the information about the enabled search group.
- Close: Enables you to exit the Search Group Manager.

Creating Search Groups

Before you begin to create a search group, ensure that the "Create" action security is enabled for the EnterpriseOne Search UDO and that all other EnterpriseOne applications are closed.

To create a Search Group:

1. Log in to EnterpriseOne.
2. In the upper-right corner of the screen, click your login name.
3. Under the Personalization category, click Manage Content, and then click Search Groups.
4. In the Search Group Manager design panel, select (Create) from the Name field on the banner bar at the top of the screen. Enter the following information:

    a. Type the Product Code you want to associate with the search group.

       Oracle recommends you use product code 55 for a customized Search Group. The product code is set to 55 by default.

    b. Enter a Description for the search group.

       If you leave this field blank, the Description defaults to the name you specify when you save your search group. You can update the description using this field after saving the search group.
5. In the Searchable Content section, choose the type of content you want to include in the search group. You can choose to search over an EnterpriseOne table or a business view.
6. Enter the name of the table or the business view that you want to add.

   You can use the Visual Assist feature to locate and add a valid EnterpriseOne table or business view. Click the Visual Assist button to display the Data Browser - F9860 form that lists all tables and business views.
7. Click the Add Searchable Content icon (plus sign) to add the selected content to the search group.

   The name and description of the selected content is displayed on the Searchable Content pane to the left. The pane lists all the content added to the search group.

   The Available Columns pane alphabetically lists all the columns available in the selected table or business view. The right pane consists of three tab pages:

    - Use the **Search Detail** tab to define the layout of the search, the sort order, which fields can be searched over, and additional filters for the content.
    - Use the **Related Information** tab to define and map the relationship of the search results to another business view or table. You also specify the columns to be displayed in the related information window.
    - Use the **Action** tab to specify the applications to be launched from the search result.
8. In the Available Columns pane, click the plus sign adjacent to the column names that you want to include in the content. The columns you select are added to the Selected Columns section in the Search Detail tab.

   Alternatively, you can search for the column that you want to add by entering the column name or alias ID in the Search field.

Note: The Available Columns pane displays only those columns that have data type as character, number, or date.

9. In the Search Detail tab, enter the information in the following sections:

   Configuration

   a. In the Section Title field, enter a name for the search content. This title will be displayed for the content in the search result.
   b. In the Max Records field, enter the maximum number of records to be displayed in the search result.

      The search result will display the exact number of records that you specify, even if more than the specified number of records match the query conditions. The default value for this field is 20.

   Selected Columns

   The Selected Columns section lists all the columns selected in the Available Columns pane. This section is used to define how you want to use the selected columns for the content. If you want to remove a selected column from the search content, click the Remove icon (minus sign) adjacent to the column name.

   > **Note:** When you remove a column from the Selected Columns section, the column will also be removed from the Layout section, Additional Filters section, Related Information tab, and Action tab.

   a. In the Override Label field, enter a label to override the column name.

      When a column is used in the Layout and Additional Filters sections, the overridden label will be displayed instead of the original column name. (Release 9.2.5) When you export the search results, the overridden label will be displayed in the CSV file instead of the original column name.
   b. Select the Filter option to filter the column.

      > **Note:** At least one column should be selected for each search table or business view.

   c. Select the Sort option to sort the column. Click the Sort icon (minus sign) in the Sort column until it reflects your preference of ascending order, descending order or not sorted. The default setting for this field is "Not Sorted", which is represented by the minus sign.

      If you select the Not Sorted option for all selected columns, the search result records are displayed in a standard sort sequence that is determined by the system.

      If you select the ascending or descending option, the Sort Sequence drop-down list is displayed to set the order in which the system should sort the searched records.
   d. Specify the Sort Sequence of the columns.

      To rearrange the order of sort precedence, use the drop-down list to change the column sequence order. The system first sorts by the column that has sort sequence specified as 1, then by the column with sort sequence specified as 2, and so forth.

   Layout

   Use this section to define the layout of the search results. You use this section to determine what fields are displayed in the search results. The search result records are displayed in the list view format, so that the information displayed is compact and easy to find.

   Click Add Field (a square with a plus sign) to select the columns that you want to display in the search result layout. The list includes only those columns that have been added to the Selected Columns section.

You can choose to display only the value of the selected column, or display both the label and value of the column. You can also configure the text alignment of the columns displayed and customize the layout by adding rows and columns as required. See *Creating a List View Grid Format* for more information.

Additional Filters

Perform the following steps to add additional filters to the search content to further narrow the search results. You can select columns and add conditions to filter the records.

a. Click Add Filter (plus sign) to add the columns for which you want to include additional filters.
b. From the Query Column drop-down list, select the column for which you want to add additional filters. The list includes only those columns that have been added to the Selected Columns section.

   You can add the same column multiple times and set it with different conditions.
c. From the Operator drop-down list, select a condition for each column.

   The operators that are displayed for each column (such as equal, not equal, between, and in list) depend on the data type of the selected column.
d. In the Value field, specify the comparison value for each column. You can specify a value or range of values that you want displayed in the search result. For example, if you select the Order Number column and the "between" operator, you can specify the order numbers to be compared.

   (Release 9.2.5) For date columns, you can set special values as additional filter criteria for comparison. Use special values to search for dates that are a specified number of days, months, or years before or after the current date. For example, you can specify that the system displays all orders that have the order date between three days before the current date and two months after the current date in the search result. To set a special value, click the down arrow located beside the Value field. In the Set Special Value dialog box, select Today + or Today -, enter a positive integer, and then select days, months, or years from the drop-down list. Click OK to save the values or click Reset to clear the values. In the Set Special Value dialog box, if you click OK without changing the default values, the date special value will be set to Today."
e. For the Match Type option, select either of the following:

   - Match All option if you want the search result to include all of the criteria specified in the query.

   - Match Any option if you want the search result to include any (not all) of the criteria specified in the query.

10. In the Related Information tab, enter the information in the following sections:

Add Related Information

This tab enables you to define and map the relationship of the search results to another business view or table. You also specify the columns to be displayed in the related information window and provide additional filters of the related information.

a. Click Add Related Information (plus sign). In the Add Related Information dialog box, select the related business views or tables.
b. Select the Type of content from which you want to display the related information. You can choose to display the related information from an EnterpriseOne table or a business view.
c. Enter the ID of the table or business view.

   You can use the Visual Assist feature to locate a valid EnterpriseOne table or business view. Click the Visual Assist button to display the Data Browser - F9860 form that lists all the tables and business views. You can search and select the table or view.
d. Click OK to add the table or business view for the related information content.

   A new tab page is added to the Related Information tab with the selected table or business view name with values populated in the Type, ID, and the default name fields.

Configuration

In the Configuration section, enter a title to override the default name of the selected related information.

Display

Add the columns to be displayed in the related information window of the search result.

In the Mapping section, click the plus sign beside the listed Available Columns. The columns are added to the Display section in table format. You cannot customize the display layout of the related information section and the columns must be added in the order you would like to see them in the grid.

To remove a column from the Display section, hover over the column name and then click the Remove icon.

> **Note:** If you do not add any columns to the Display section, the system displays the message "No columns were added in Related Information" in the related information window of the search result.

Mapping

Perform the following steps to map the relationship between the columns (Available Columns) in the Related Information to the columns (Selected Columns) in the Search Detail tab. Starting with Release 9.2.5, you can use the Search field to search for an available column. The Search field supports the Type Ahead feature.

a. To define the relationship between the searchable content table or business view to the related information table or business view, use the Mapping Operation. From the Mapping Operation column, select the mapping parameter from the drop-down list.

   - Select "unassigned" if you do not want to map a column and leave it as is. This is the default option.

   - Select "static value" to add your value to pass to the column parameter.

   - Select "is mapped to" to map the column with the selected column in the Search Detail tab.

b. Enter a value in the Mapping Value field.

   - If you selected the "static value" option for the Mapping Operation, enter fixed value that is to be mapped in the Mapping Value field.

   - If you selected the "is mapped to" option for the Mapping Operation, the Mapping Value drop-down list displays all the selected columns in the Search Detail tab. Select the column that you want to map with.

   Ensure that you map the same data types (such as character, numeric, string, date).

Additional Filters

For detailed steps to add additional filters, see the Additional Filters section in step 9.

11. In the Action tab, enter the information in the following sections:

Add Action

This tab enables to specify the applications to be launched from the search result.

a. Click Add Action (plus sign) to add an action item.
b. In the Add Action dialog box, enter the Application ID of the application that you want to access from the search result and press Tab.

   You can enter any valid EnterpriseOne application ID. The application ID is the program number-for example, P01012 for Address book and P4210 for Sales Order. When you press Tab, the system populates the remaining fields in this dialog box. You can change the system-entered information.

   If necessary, you can use the Visual Assist feature to locate a valid application.
c. From the Form drop-down list, select the EnterpriseOne form that you want to access from the search results.

   The forms that are available for selection depend on the application ID that you entered. The system automatically enters the first listed form in the Form field. If you are secured out of an EnterpriseOne form, then the form does not show in the list.
d. From the Version drop-down list, select the application version.

   The system automatically enters the first listed version in the Version field.
e. Click OK.

   The system populates the application ID, form ID, version ID, and default application name in a new tab.

Configuration

a. From the Personal Form drop-down list, select the personal form that you want to access from the search results. (Release 9.2.5)
b. From the Query drop-down list, select the query that you want to use to narrow the search results. (Release 9.2.5)
c. In the Title field, enter a title to override the default name of the selected application.

> **Note:** If you select a personal form or a query that has not been shared with other users, the system displays an error message when you attempt to share the search group by clicking the Request to Publish icon in the Search Group Manager design panel. If you select a shared personal form or query, the Object Dependencies table (F98700D) is updated after the search group is approved for publishing. (Release 9.2.5)

Mapping

The Mapping section is used to map the search result data to the application specified in the configuration section.

a. In the Mapping section, select a column and choose an option for the Mapping Operation. The Mapping section displays the columns based on the EnterpriseOne data structure for form interconnects. You can map the columns from the selected application to the columns of searchable content.
b. From the Mapping Operation column, select the mapping parameter from the drop-down list.

   - Select "unassigned" if you do not want to map a column and leave it as is. This is the default option. When you open this application from the search result, it is displayed without any data.

   - Select "static value" to add your value to pass to the column parameter.

   - Select "is mapped to" to map the column with the column in the searchable table or business view. In the search result, when you select a different row, the application specified is automatically updated to show information relevant to the selected record.
c. Enter a value in the Mapping Value field.

   - If you selected the "static value" option for the Mapping Operation, enter a fixed value that is to be mapped in the Mapping Value field.

   - If you selected the "is mapped to" option for the Mapping Operation, the Mapping Value drop-down list displays all the selected columns in the Search Detail tab. Select the column that you want to map with.

   Ensure that you map the same data types (such as character, numeric, string, date). You can delete any related action or add more related actions and switch between them.

12. Click Save in the title bar of the design panel to save the Search Group.
13. In the Enter New Name dialog box, enter a unique name for the Search Group.

    > **Note:** The name must not contain special characters.

14. Click OK.
15. Click Close to close the Search Group Manager.

Using the EnterpriseOne Search

EnterpriseOne Search feature enables you to search the transactional or master data within the EnterpriseOne system. This section provides details of search execution and other features of EnterpriseOne Search during runtime.

> **Note:** *Click here to view a recording of this feature.*

Search bar

You submit your search request using the Search bar displayed adjacent to the login drop-down menu in the EnterpriseOne interface. Irrespective of the application you are currently working with, the Search bar is always available in EnterpriseOne menu bar.

Note: The Search bar will not be available if:

- The EnterpriseOne Search **Feature** security is disabled.
- The currently logged-in user does not have UDO **View** access security enabled for any of the search groups and does not have any personal search groups.

Search options

As you start entering a value in the Search field, a list of search groups is displayed for selection.

- The My Searches option includes only those search groups selected in your EnterpriseOne Search Preferences. When you submit a search request, EnterpriseOne restricts the results to the selected search groups. This is the default search option.
- The All Searches option includes all the search groups available to the user.
- Selecting an individual search group restricts the results to that specific search group.

Search result

After you enter a search request in the Search bar and select a search option, you can either click the Search icon or press the Enter key to start the search execution. EnterpriseOne filters all the records for the given search request in the search groups and displays the results in the EnterpriseOne Search result window.

The EnterpriseOne Search window has the following features:

- The contents of the returned search results are grouped for each search content and displayed in sections. These sections display the name of the search group and the search content they belong to.
- The search results are displayed in a layout as defined in the Search Group Manager.
- The maximum number of records displayed in the search results is also according to the number specified for the search content in the Search Group Manager. If the record count exceeds the maximum records to return, a plus sign is displayed beside the search content label.
- All the matching search requests in the result list are highlighted in boldface.
- When you select "All Searches", the first tab of the result window displays the filtered records from all the available search groups. The subsequent tabs display records from only the specific search groups.
- When you select "My Searches", the first tab of the result window displays the filtered records from the search groups selected in EnterpriseOne Search Preferences. The subsequent tabs display records from the specific search groups.
- When you select an individual search group, the result window displays the records only associated to the search group.
- The order in which results are presented is determined by the sort option defined for the search content in the Search Group Manager.
- When search content contains additional filters, the system retrieves the results using the additions filters.
- You can further refine the search result to filter the exact records by using the Search bar available in the search result window.

- You can use the Exact Match toggle button in the search result window to specify whether the system should retrieve search results that are an exact match to the keyword that you enter in the search field. (Release 9.2.5)

> **Note:** If you turn on the Exact Match toggle button, the system applies these rules when it processes the search:
>
> - In the filter criteria, leading blank values and blank values in the middle are considered a part of the search string, but trailing blank values are not considered a part of the search string. However, for date data type, trailing blanks are also considered a part of the search string.
> - The search is case-insensitive under any of these conditions: the data items are defined as uppercase data items in the Data Dictonary, the database does not differentiate between case-sensitive and case-insensitive search, and case-sensitive search for EnterpriseOne Search is disabled in the jas.ini settings.
> - The system uses the "equal" operator and not the "contains" operator for the search. For example, when searching for an item with 00000-np-3 in the description using the search string 00000-np-3, the system will not retrieve results with the description 00000-np-31/2.

- You can use wildcard characters to refine the search. Underscore is the wildcard character. The underscore matches any group of characters.
- Your EnterpriseOne Search results may or may not be case-sensitive based on whether your administrator has enabled "Case Insensitive Search" in Server Manager. For more information see "Configuration Settings for EnterpriseOne Search" in the *JD Edwards EnterpriseOne Tools Runtime Administration Guide* . (Release 9.2.1.5)
- When you enter a request in the Search field of the result window (before clicking the Search icon or pressing the Enter key), the system searches for matching records in the AIS data cache. For details of configuration setting see *"AIS Data Cache Setting for EnterpriseOne Search"* in the *JD Edwards EnterpriseOne Tools Runtime Administration Guide* .
- In the EnterpriseOne Search result window, the Search field supports the Type Ahead feature. When you enter a search request in the Search field, the system searches for matching records without the need to press Enter or click the Search icon. If a match exists, it appears in the result and is highlighted. Type Ahead does not work in the Search field in the main interface. You can enable or disable the Type Ahead feature via the AutoSuggest settings. The system uses the delay from the AutoSuggest JAS INI setting.
- The system keeps the session alive while the Search result window is open. If the session is idle for longer than the INI setting for "Session Timeout", a warning is displayed. The AIS server session time out should not be longer than the JAS server session time out.

> **Note:**
>
> - When the Search result window is open, the Manage Content submenu does not appear under the Personalization drop-down list. Also, when you open an application while you are still in the Search result window, the Manage Content submenu does not appear under the Personalization drop-down list.
> - EnterpriseOne Search is not supported in Kiosk mode or from portal.

Related Information

The information icon in the search result indicates that the records contain related information. This icon is displayed only if the Related Information is defined for the search contents in a search group.

Click the Show Related Information icon for a result record to display the Related Information window. The header of the related information window displays the override title of the related content. Each defined search content within a search group can have multiple related information definitions; each definition is displayed on a different tab. The related information is displayed in a grid format.

When you click the Related Information icon of a particular record, the system retrieves the corresponding related data by running a query based on the mapping and additional filters settings. The total result count is displayed along with the title of the tab. The related information window displays a total of 100 records.

Action

The Action icon (vertical ellipsis) in the search result indicates that the records contain corresponding actions. This icon is displayed only if the Action is set up for the search contents in a search group.

Click the Select Action icon for a result record to display a list of all the related application names defined for the search content. Click any application name from the list to open the corresponding application. Closing the related application returns you back to the search result window.

If "Open Application In New Window" option is selected in Preferences, the related application then opens in a new window.

> **Note:** If a user is secured out from a specific application, then the user cannot open that application using the Action icon from the search result window.

Export Search Results (Release 9.2.5)

You can export the search results displayed for each search content section to a comma-separated values (CSV) file.

To export the search results to a CSV file:

1. In the search result window, click the Export Search Results icon displayed at the top-right corner of the search content section.
2. In the Export Search Results dialog box, specify the range of search result data to be exported. Select the Current Page option to export the search results displayed on the current page, or select the All Data option to export all the search result records that match your search criteria.

   > **Note:** The export range options are displayed only if the Enable Databrowser Go-To-End jas.ini setting is set to "True" in the Server Manager.

3. Click OK.

   The system exports the search results as a CSV file to your local system. The CSV file name is in the format, *search group name-search content section title*. If you selected an export range option, the CSV file contains search result data based on your selection. If you did not select an export range option, the CSV file contains only the search result data displayed on the current page.

You can export the search results displayed for each search content section to Microsoft Excel (Release 9.2.6).

To export the search results to Excel:

1. In the search result window, click the Export Search Results icon displayed at the top-right corner of the search content section.
2. In the Export Search Results dialog box, select the Export File Type option as Excel.

3. In the Export Search Results dialog box, specify the range of search results to be exported. Select the Current Page option to export the search results displayed on the current page, or select the All Data option to export all the search results that match your search criteria.

   > **Note:** The export range options are displayed only if the Enable Databrowser Go-To-End jas.ini setting is set to "True" in the Server Manager.

4. Click OK.

   The system exports the search results as an Excel file to your local system. The Excel file name is in the format, *search group name-search content section title*. If you selected an export range option, the Excel file contains search results based on your selection. If you did not select an export range option, the Excel file contains only the search results displayed on the current page.

Export Related Information (Release 9.2.5)

You can export the related information for each search result record to a CSV file.

To export the related information of a search result:

1. In the search result window, click the Export Related Information icon for the search result record.

   > **Note:** The Export Related Information icon is displayed only if the related information is defined for the search contents in a search group.

2. In the Export Related Information dialog box, perform either of the following actions:
   - If there is only one related information definition for the search content, click OK.
   - If there are multiple related information definitions for the search content, from the Related Information drop-down list, select the related information definition that you want to export or select All to export the related information data for all the related information definitions.

   > **Note:** The Related Information drop-down list is displayed *only if* multiple related information definitions are available for the search content.

3. Click OK.

   The system exports the related information data as a CSV file to your local system. The name of the CSV file is in the format, *search group name-related information definition name*.

   If the Enable Databrowser Go-To-End jas.ini setting is set to "False," the system exports only the maximum number of records defined for the related information definition. The maximum number of records for a related information definition is 100. If the Enable Databrowser Go-To-End jas.ini setting is set to "True," the system exports all the matching data of related information to the CSV file.

You can export the related information for each search result to an Excel file (Release 9.2.6).

To export the related information of a search result:

1. In the search result window, click the Export Related Information icon for the search result record.

   > **Note:** The Export Related Information icon is displayed only if the related information is defined for the search contents in a search group.

2. In the Export Search Results dialog box, you have to select the Export File Type option as Excel.

3. In the Export Related Information dialog box, perform either of the following actions:
   - If there is only one related information definition for the search content, click OK.
   - If there are multiple related information definitions for the search content, from the Related Information drop-down list, select the related information definition that you want to export or select All to export the related information for all the related information definitions.

   > **Note:** The Related Information drop-down list is displayed *only if* multiple related information definitions are available for the search content.

4. Click OK.

   > **Note:** If you select All in the Export Related Information dialog box, the data of each related information definition is displayed in a different tab in Excel.

   The system exports the related information data as an Excel file to your local system. The name of the Excel file is in the format, *search group name-related information definition name*.

   If the Enable Databrowser Go-To-End jas.ini setting is set to "False," the system exports only the maximum number of records defined for the related information definition. The maximum number of records for a related information definition is 100. If the Enable Databrowser Go-To-End jas.ini setting is set to "True," the system exports all the related information to the Excel file.

Column Security Considerations (Release 9.2.5)

If you apply column security to a column after the search has been designed, the following rules will be applicable at runtime when you use EnterpriseOne Search:

- In the Selected Columns and Additional Filters sections of the Search Detail tab, if column security is applied to the columns that are used to filter, sort, and define additional filters, the system does not execute the search and displays an error message.
- In the Layout section of the Search Detail tab, if column security is applied to a column that is defined for display, the system does not display the column in the search results and the exported CSV file.
- In the Related Information tab, if column security is applied to a column that is used as a mapping value in the Mapping section, the system does not display the corresponding related information at runtime.
- In the Related Information tab, if column security is applied to a target column that is used in the Where clause of the query of the related information at runtime, the system will display an error message for the Related Information tab when you click the Show Related Information icon. In addition, the exported CSV file will not contain the data for that related information definition.
- In the Related Information tab, if column security is applied to a column that is selected for display, the system will not display the label and data for that column in the result set tab when you click the Show Related Information icon. In addition, the exported CSV file will not contain the data for that column.
- If column security is applied to a column that is used as a mapping value in the Mapping section, the system does not display the corresponding related action at runtime.

> **Note:**
> - *"Defining an Alternate Data Source for EnterpriseOne Search (Release 9.2.1.2)" in the JD Edwards EnterpriseOne Tools System Administration Guide* .

Saving Search Groups

A newly created search group is saved under the Personal category in the Name drop-down list.

If you modified an existing search group, you can click either the Save or Save As icon. Clicking Save updates the original search group with the changes. Clicking Save As requires you to enter a new name for the search group so that you have the original search group as well as new search group with the updates you made.

Modifying, Publishing, and Deleting Search Groups

For more information on these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

Troubleshooting (Release 9.2.2.2)

This section describes some of the errors you might encounter while you "Save" or "Save as" a Search Group and their possible causes:

- **No content defined for search group**

  If you receive a "No content defined for search group" error, this means you have not added any content (table or business view) to the Search Group.
- **At least one filter field is required for content**

  If you receive an "At least one filter field is required for content <xyz>" error, this means you have not selected the Filter option for any of the columns in the Search Detail tab of the search content.
- **At least one assigned mapping is required for related information**

  If you receive an "At least one assigned mapping is required for related information <abc> in content <xyz>" error, this means you have not mapped any of the columns in the Related Information tab of the search content.

9 Form Extensibility (Release 9.2.2.4)

Form Extensibility Overview

The JD Edwards EnterpriseOne form extensibility feature enables you to extend a JD Edwards EnterpriseOne form dynamically without customization.

Form extensibility enables citizen developers to meet industry, regional, and wider business requirements without requiring deep technical knowledge at a low cost.

You can use form extensibility to:

- Add available (unused) business view columns as additional form controls.
- (Release 9.2.3.3) Add available (unused) table columns associated with a business view as additional form controls.
- (Release 9.2.3.3) Associate orchestrations with events, thereby enabling the system to invoke orchestrations from form or control events.
- (Release 9.2.3.3) Add new web buttons.
- (Release 9.2.4.3) Hide, unhide, rename, and reset form controls.
- (Release 9.2.4.4) Add new form and row exits, and associate a form interconnection with the new form and row exits.
- (Release 9.2.5) Mark a field as required.
- (Release 9.2.5) Add hidden business view columns to the grid.
- (Release 9.2.5.3) Associate a description with a text field.
- (Release 9.2.6) Disable form controls, set the number of grid records in a form, associate a description with a grid column, and enable grid columns.

(Release 9.2.3) Beginning with JD Edwards EnterpriseOne Tools Release 9.2.3, you can use the form extension feature on all edit forms, except the Power Edit form, in addition to query-only forms.

(Release 9.2.26.0) Beginning with Tools Release 9.2.26.0, you can use the form extensions on Power Edit forms except for adding business view columns.

You can further personalize the form extensions by using them with existing personalization frameworks such as advanced queries, watchlists, personal forms, CafeOne layouts, and grid formats. (Release 9.2.3) You can also use the extended form controls on AIS service requests and orchestrations. For more information, see the *JD Edwards EnterpriseOne Tools Orchestrator Guide* . Additionally, you can use the extended form controls to create a form service request with the JD Edwards EnterpriseOne Orchestrator Process Recorder.

For example, as an inventory manager, you would like to add lot retest date information on the Lot Master record so that you can track when your lot needs to be retested. By using form extensions, you can add the lot retest columns from the business view on the inquiry application and then use them to create watchlist alerts. This will enable you to easily find out the lots that require to be retested soon.

> **Note:**
> - You can create only one form extension for a JD Edwards EnterpriseOne form. You can modify or delete the form extension.
> - Only one user can work on a form extension at any time. When you are working on a form extension, if another user clicks the Form Extension icon on the same form, the system will display a message for that user, indicating that the form extension has been reserved by you.
> - If you use a form extension on a personal form and share the personal form but not the form extension, the extended form controls will not be displayed for other users. To enable other users to access the extended form controls, you must share the form extension.

The form extension capability is available on the following forms:

- Find/Browse
- Search & Select
- Parent/Child Browse

  > **Note:**
  > - On the Parent/Child Browse form, if you add a business view column to the grid, you can only add the column to the detail area of the grid and you cannot add it to the header area.
  > - (Release 9.2.5) For the Parent/Child Browse form, hidden business view grid columns will not be displayed in the list of available columns in the Form Extension Manager side panel. Therefore, you cannot add hidden columns to a grid on the Parent/Child Browse form.

- (Release 9.2.3) Fix/Inspect
- (Release 9.2.3) Header Detail
- (Release 9.2.3) Headerless Detail
- (Release 9.2.3) Power Browse

> **Note:** (Release 9.2.3) In the Header Detail and Power Browse forms, there are multiple business views associated with the form. After you add a column associated with one of the business views, if you select a different business view, then the X mark on the field that you had added previously will be grayed out and disabled. This is because the field that you had added previously does not belong to the business view that you newly selected.

Your EnterpriseOne administrator must enable the feature, action, and view security to authorize you and other users to work with and view form extensions. See *"Managing Security for User Defined Objects"* in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

You can secure the columns on a form extension by applying column security. See *"Managing Column Security"* in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

The icons in the Form Extension Manager design panel are available for all UDOs. The Save As icon is not available for form extensions because only one form extension can exist for an EnterpriseOne form at any time.

The following icons are available in the Form Extension Manager design panel:

- Save: See *Saving a Form Extension*
- Request to Publish: See *Publishing UDOs*
- Reserve: See *Modifying UDOs*
- Delete: See *Deleting Personal UDOs*
- Notes: See *Modifying a UDO that was Rejected for Publishing*
- About Form Extension: Enables you to view information about the enabled form extension.
- Close Side Panel: Enables you to exit the Form Extension Manager and return to the form.

If any of the icons are grayed out, the action is not available for the form or is not available until you select another action.

For more information about the icons, see *UDO Life Cycle and Statuses*.

Note:

- Accessibility for form extensions is available only at runtime and is not supported in design mode.
- Form extensions do not support right to left (RTL) text direction in the design mode.

Extending EnterpriseOne Forms Using Business Views

You can extend a JD Edwards EnterpriseOne form by adding available (unused) and hidden business view columns from the business view that is associated with the form dynamically without customization. Using the Form Extension Manager, you can add business view columns on the form header and the grid based on your requirements when you are working on the form.

You can create a form extension only if your administrator has enabled the Form Extensions feature in the Security Workbench application (P00950). If you do not see the Form Extensions icon in the UDO design panel, you do not have permissions to create a form extension.

Note: *Click here to view a recording of this feature.*

Adding Available (Unused) Table Columns to a Form (Release 9.2.3.3)

Beginning with Tools Release 9.2.3.3, you can extend a form by adding available (unused) table columns associated with a business view as additional form controls.

Adding Hidden Business View Columns to a Grid (Release 9.2.5)

Beginning with Tools Release 9.2.5, you can add business view columns that are hidden in the FDA to a grid. The hidden columns, when added to a grid, will behave the same way as the FDA columns unlike the other extended columns.

Note: *Click here to view a recording of this feature.*

Creating a Form Extension Using Business Views

To create a form extension using business views:

1. Open the EnterpriseOne application form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, select the applicable business view from the Select Business View drop-down list.

   This is the business view that contains the columns that you want to add to the form header or grid.
4. Select one of the following options:
   - Form: Select this option to add columns to the form header.
   - Grid: Select this option to add columns to the grid.

     (Release 9.2.5) When you select the Grid option, the system also displays the business view columns that are hidden in the Form Design Aid in the list of available columns.

   Based on the option that you select, the system displays the columns that are available for use on the form header or the grid.

   > **Note:** (Release 9.2.3) The Form or Grid option will be displayed based on the type of form or the business view selected.
   >
   > - In the Fix/Inspect form, only the Form option will be displayed.
   > - In the Header Detail form, only the Form option or the Grid option will be displayed based on the business view that you select.
5. Make changes to the form as described below:
   - **Adding Business View Columns or Table Columns**

     You can add available business view columns or table columns associated with a business view to the form header or grid. Use the Column Search field to search for specific columns.

     (Release 9.2.5) You can also add grid columns that are hidden in the FDA. You can search for the hidden business view grid columns by using "hidden" as the search string in the Column Search field.

     (Release 9.2.3.3) When you hover over a column in the list of available columns, a tooltip text is displayed, indicating whether the column is a business view column, a table column that is associated with the business view, (Release 9.2.5) or a grid column that is hidden in the FDA. For example, a tooltip text that has Table Column set to "true" indicates that the column is a table column associated with the business view, and Business View Column set to "true" indicates that the column is a business view column. (Release 9.2.5) For grid columns, a tooltip text that has Hidden Column in FDA set to "true" indicates that the column is hidden in the FDA.

     To add a business view column or a table column, perform one of these actions:
     - Select the column in the design panel and then drag and drop it to the appropriate position in the form header or grid.
     - Click the Add button, represented by a green square with a + icon, located next to the column that you want to add.

> **Note:** (Release 9.2.5) You cannot drag and drop hidden columns to the grid. To add hidden grid columns, you must click the Add button.

If you are adding the column to the form header, the form control corresponding to the column appears at the default position (top-left corner of the form). If you are adding the column to the grid, the new column is added as the last column in the grid. (Release 9.2.5) If you are adding a hidden column to the grid, the new column is added to its position defined in the FDA.

(Release 9.2.3) If you are adding the column to a Power Browse form and if the column belongs to a subform, the form control corresponding to the column appears at the top left corner of the subform.

Select the newly added form control and then drag and drop it to the appropriate position on the form header or grid. When you drag and drop a form control, guidelines are displayed. You can use the guidelines to position or align the form control on the form header or grid.

(Release 9.2.3) For a Power Browse form that has more than one business view, you can add the column only to the subform that is associated with the business view that you selected. When you drag the column, the corresponding subform is highlighted. You cannot add the column to any other subform.

Any column that you add to the form or grid has a Remove Form Control button in the design panel and on the form. This indicates that the column has been newly added from the Form Extension Manager design panel.

> **Note:** For query-only forms, if next numbering is set up for the newly added column, the system does not generate the next number for that column. This will enable you to define the values you want to use.

- **Removing Business View Columns or Table Columns**

  You can remove an extended business view column or a table column if you do not need it any longer. Beginning with Release 9.2.4.3, you can also hide an existing form control that you do not need.

  The Remove Form Control button located next to the form control differentiates an extended form control from an existing form control. Existing form controls have a Hide button (red square button with a minus sign) displayed next to the form controls.

  To remove an extended column, click the Remove Form Control button located next to the column in the form or the design panel.

  To hide an existing form control, click the Hide button. The hidden form control is displayed in the design panel under the Extension Only tab. Alternatively, right-click the control and select the Hide option from the context menu. (Release 9.2.4.3)

  (Release 9.2.6) Hovering over the hidden items displays the control's information such as the Control ID, Control Title, and DD Information associated with the control.
- **Resizing Form Header and Grid Areas**

  You can increase or decrease the size of the form header and grid areas. For example, if you want to add a column to the form, you may want to increase the size of the form header area to accommodate the column. Resize the form header or grid area by placing your cursor on the blue border of the form header or grid area and then dragging the border.

- **Resizing Business View Columns or Table Columns**

  You can resize the business view or table columns by placing the cursor on the blue border in the form and dragging the border as required. You can resize either the existing columns or the newly added columns. For example, you can resize an existing column to provide space to accommodate new columns.

- **Repositioning Business View Columns or Table Columns**

  You can reposition the business view columns or table columns within a form. You can select the column that you want to reposition and drag it to a different position on the form.

- **Setting Filter Criteria**

  After adding a column to the form header, you can set the filter criteria for that column. By default, the filter criteria for the column is set to None.

  To set the filter criteria, right-click the column and select Properties from the context menu. In the Properties dialog box, select the applicable filter criteria and select or clear the Wildcard Display option as applicable.

  > **Note:** If you right-click an extended column and the correct container option is not selected in the Form Extension Manager side panel, the system displays an error message, indicating that the selected column is not in the context of the container. For example, if you select the Grid option in the side panel and right-click an extended column on the form header, the system displays an error. (Release 9.2.4.3)

  The filter criteria determines how the system filters the records from the database at runtime. For example, if you select greater than or equal to (>=) as the filter criteria for the Company form control in the Customer Service Inquiry form, when a user enters **200** in the Company field at runtime and clicks Find, the system retrieves only those records that have Company value greater than or equal to 200.

> **Note:** (Release 9.2.3) The filter criteria context menu is available on the following forms:
> - Find/Browse
> - Search & Select
> - Parent/Child Browse
> - Header Detail
> - Headerless Detail
> - Power Browse

- **Updating Tab Sequence (Release 9.2.3)**

  When you add a column to the form header, the maximum tab sequence value is assigned to the extended form control by default. You can modify the tab sequence of the fields on the form by using the Edit Tab Sequence option. The tab sequencing functionality behaves the same way as it does in FDA.

  While changing the tab sequence, you can enter only positive integers in the fields. If you do not enter any value for a field, the current value for the tab sequence is retained.

  > **Note:** If you update tab sequences using the Form Design Aid, Form Extension Manager, and Personal Form Manager, the Personal Form Manager tab sequences take precedence over the other two.

- **Disabling an Extended Control (Release 9.2.6)**

  After you add a control to a form, you can disable the extended control.

  To disable an extended form control, right-click the text field in the form, and then select Properties in the context menu. In the Edit Properties dialog box, in the General tab, select the Disabled check box and then click OK. At runtime, the extended control will be displayed as a disabled field.

- **Setting Grid Row Count (Release 9.2.6)**

  You can set the number of rows or records that are displayed on the grid in a form.

  To set the number of grid records to be displayed, right-click the grid header and select Grid Properties. In the Edit Properties dialog box, enter a number between 1 and 100 in the Grid Row Count field. The grid row count functionality behaves the same way as it does in the FDA.

  > **Note:** The grid row count functionality is not available for reusable subforms.

- **Marking a Field as Required (Release 9.2.5)**

  You can mark text fields as required in a form extension, indicating that users must enter a value in these fields before they can execute a form-level action.

  To mark a text field as required, right-click the text field in the form, and then select the Mark as Required check box in the context menu. At runtime, an asterisk is displayed adjacent to the required text field label if the label is associated to the text field in FDA.

> **Note:**
> - You cannot hide a field that is marked as required.
> - If a field has been marked as a required field in FDA, the Mark as Required check box in the context menu is not displayed for that field in the form extension. Similarly, if a field has been marked as a required field in a form extension, the Mark as Required check box is not displayed for that field in a personal form.

- **Associating a Description with an Edit Control (Release 9.2.5.3) and (Release 9.2.6) Grid Column**

  You can associate a description with a text field or an edit control on a form in a form extension. Beginning with Release 9.2.6, you can also associate a description with a grid column.

  To associate a description with a text field or a grid column, right-click the field and then select the Associate Description option in the context menu. At runtime, the associated description of the value that you enter in the text field appears next to the field when you tab out of that field.

  The description association functionality behaves the same way as it does in the FDA.

  > **Note:**
  > - The Associate Description context menu option will not be displayed if the text field already has an associated description configured in the FDA.
  > - The Associate Description context menu option will be displayed only if the edit rule is defined for the data dictionary item.

- **Enabling a Grid Column (Release 9.2.6)**

  You can enable a grid column so that users can edit the grid column at runtime.

  > **Note:** You can enable grid columns only on edit forms.

  To enable a grid column, right-click the column in the grid and select Properties in the context menu. In the Edit Properties dialog box, deselect the Disable Input check box. At runtime, the grid column will be displayed as an editable field.
- **Configuring Display of Fields in Add Mode or Update Mode (Release 9.2.3)**

  When adding a column to a Fix/Inspect, Header Detail, or Headerless Detail form, you can choose to display that column when the form is opened in the Add mode or Update mode by selecting the Add Mode or Update Mode option. By default, the Update Mode option is selected and disabled.

  > **Note:** When updating an extended form control, if the primary key for the field is not available because of application Event Rule (ER) logic, the system displays a warning message when you click OK. If the primary key for an extended field is not available in the Add mode, citizen developers can choose to hide that field in the Add mode.

- **Overriding the Update on Form/Subform Business View Property (Release 9.2.4)**

  When adding a column to an editable form, you can choose to override the Update on Form/Subform Business View form property setting. Select the Override check box in the Form Extension Manager side panel to override the Update on Form/Subform Business View property setting in real time without customization or accessing the FDA.

If the Override check box is selected, the form extensibility engine will trigger a separate query to update the extended values irrespective of whether the default business view update occurs or not, overriding the behavior controlled by the Update on Form/Subform Business View property setting.

- **Making an Extended Control Available Only for AIS Form Service Requests (Release 9.2.4)**

  After adding a column to a form, you can specify whether the column should be displayed on the form or used only in AIS service requests.

  To specify whether a column should be used only in AIS service requests, right-click the column. In the Edit Properties dialog box, clear the Show on Form check box and click OK. This ensures that the newly added column will not be displayed on the form and will only be available for AIS service requests.

  Selecting the Show on Form check box indicates that the column will be displayed on the form.

6. Click Save.

   The form extension name is displayed in the Name drop-down menu under the Personal category.

   > **Note:** You cannot edit the name of the form extension because you can create only one form extension for an EnterpriseOne form at any time.

   If you request the form extension to be published, it appears in the Name drop-down menu under the Pending Approval category. After the form extension is approved for publishing, it appears under the Shared category.

   See *Common Tasks for User Defined Objects* for more information.

7. Click Close Side Panel.

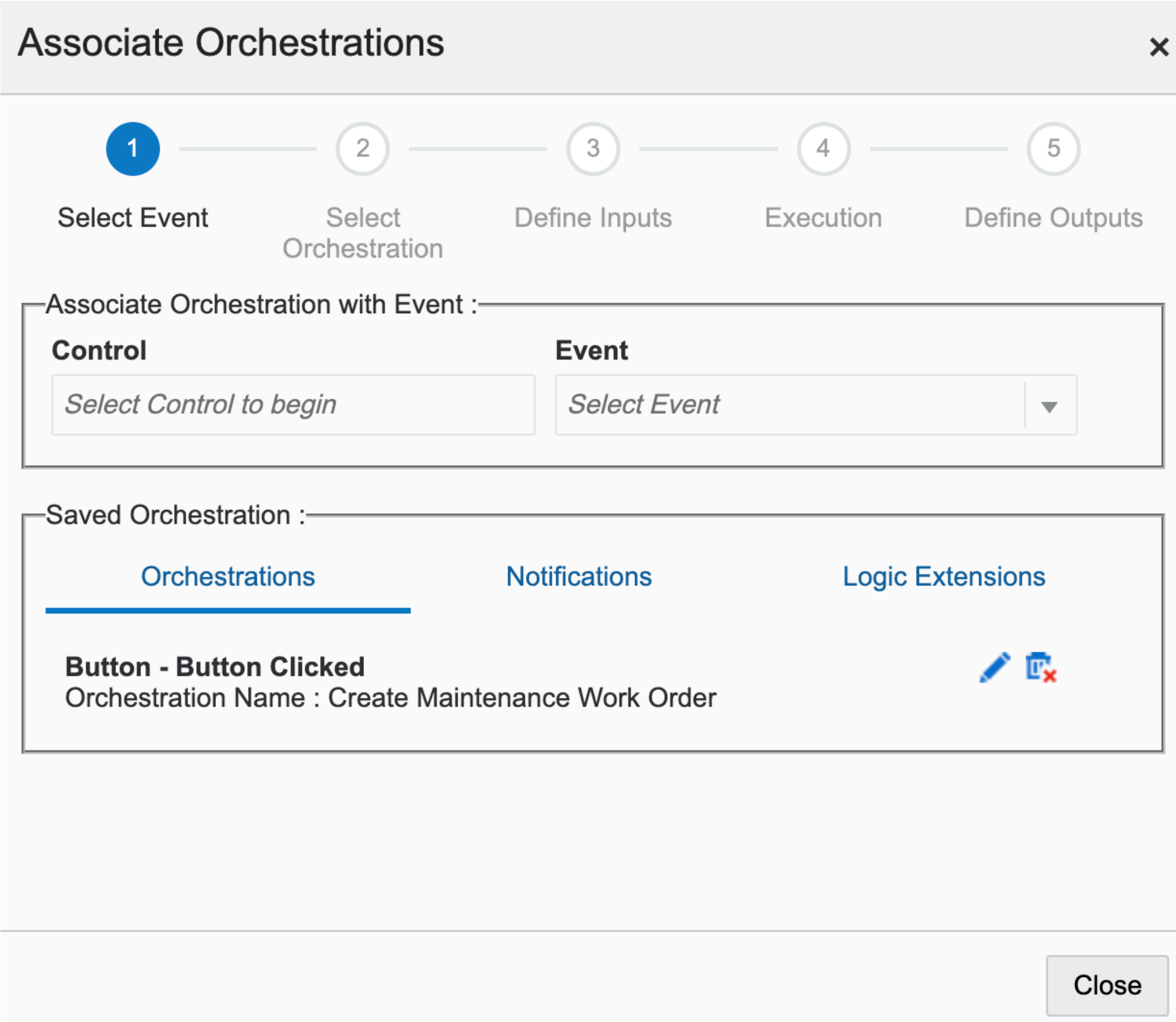
Extending EnterpriseOne Forms by Associating Orchestrations with Events (Release 9.2.3.3)

Beginning with Release 9.2.3.3, you can use the form extensibility framework to associate orchestrations with the events on an EnterpriseOne form. (Release 9.2.3.4) Beginning with Release 9.2.3.4, you can also associate notifications with the events on a form, invoke orchestrations in the synchronous mode, and map orchestration outputs to the form controls if any output has been defined for the orchestration. (Release 9.2.4) With Release 9.2.4, you can associate orchestrations and notifications with the grid row and column events on a form, and map outputs to the controls in an update grid.

> **Note:** You cannot map outputs to the update grid controls if the update grid is on a subform.

> **Note:** You cannot associate orchestrations with events for the following controls:
>
> - Parent child controls
> - Tree controls
> - Labels

You can associate orchestrations with events by using the Associate Orchestrations wizard that is available from the Form Extension Manager side panel. The Associate Orchestrations wizard displays a series of steps that you must complete in a sequential order as shown in the following image:



As you move through the steps, a check mark on a step indicates that the step is complete and you can proceed to the next step in the series. A red exclamation point indicates that the step is not complete. Click the Next button to proceed to the next step and the Back button to go back to a previous step.

Note:

- If an orchestration fails to execute, the system displays an error message. This behavior is similar to the way users are notified of asynchronous business function errors.

- (Release 9.2.4) If an orchestration is associated with an event for an extended button and if a grid column is defined as a mapping input or output, the orchestration iterates over the selected grid rows when you click the extended button.

  The jas.ini property, AsyncOrchNTFPoolSize, under the OWWEB section on the JAS server determines the size of the thread pool for asynchronous orchestration or notification requests on the JAS server. By default, this jas.ini setting is set to 50.

Note: *Click here to view a recording of this feature.*

Prerequisite

Before you can associate orchestrations with events, you must ensure that an AIS server has been configured with your EnterpriseOne system.

Associating Orchestrations with Events

To associate orchestrations with events:

1. Open the EnterpriseOne application form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Associate Orchestrations link to open the Associate Orchestrations wizard.
4. In the Associate Orchestrations wizard, in the **Select Event** step (**Step 1**), click in the Control field to select the control that you want to associate with an orchestration.

   The EnterpriseOne form is enabled for selecting the events.
5. In the EnterpriseOne form, select the control and its associated event by performing one of the following actions:

   - To select a form-level event, click anywhere in the white space on the form, tab, or subform area and then select the event from the list of events.
   - To select a control event, click in the control and then select the event from the list of events.

   Alternatively, to select the event, you can use the Event drop-down list in the Associate Orchestrations wizard.

6. Select one of the Orchestration/Notification/Logic Extension tabs to associate so that the respective list of items will be listed in the next step.

   > **Note:**
   > - Depending on the tab selected in this step, you can see that all the labels will change correspondingly to orchestration/notification/logic extension.
   > - If the AIS server is down even though the JAS server is running, an error message will be displayed in orchestration/notification tabs. This error message will not be displayed in logic extension tab, as logic extension is independent of AIS server.

7. Click Next.
8. In the **Select orchestration/notification/logic extension** step (**Step 2**), select the orchestration/notification/logic extension from the drop-down list. You can use the Search field to search for the orchestration/notification/logic extension.

   > **Note:** Only one orchestration/notification/logic extension can be associated with one event.

9. Click Next.

   If you click Next without selecting an item from the drop-down, a red exclamation point is displayed on the Select Orchestration step. A message is also displayed, indicating that you must select a valid orchestration to proceed.
10. In the **Define Inputs** step (**Step 3**), define the mapping inputs for each orchestration input:

    - **Multi-Line Inputs**

      (Release 9.2.6.4 update) The Multi-Line Inputs toggle button has been added to enable array inputs. If you enable the toggle button, the grid values are consolidated in an array format, and you can enter multiple-line values. If the toggle button is not enabled, the system does not show the array input option.
    - (Optional) Name

      (Tools Release 9.2.8.2) You can edit the input fields in the Name section to modify the name of the orchestration or notification or logic extension input according to your preference. To modify inputs field names, click the input field you want to edit and enter a new name to modify the existing name of the orchestration or notification or logic extension input. In case of multi-line inputs, you can modify the name of the multi-line input in the Associate Orchestration wizard, and to modify the individual grid inputs click the Array icon and enter a new name for the orchestration or notification or logic extension input you want to edit in the window that is displayed. If you modify the name of the input from a form extension, the system displays the renamed input only when you the orchestration is called from that form. Starting with Tools Release 9.2.9.3, you can add language translations to the input field names that you have modified. For more information on adding translations, see "*Adding Language Translations to User Defined Object Content*" in JD Edwards EnterpriseOne Tools Translation Tools Guide.

- Mapping Input

  Click in the Mapping Input field. The EnterpriseOne form controls are enabled for selection as mapping inputs. Click the control that you want to use as a mapping input.

  The control that you selected is populated in the Mapping Input field.

  > **Note:**
  > - You can use extended form controls as mapping inputs.
  > - When grid columns are used as mapping inputs, the selected row at runtime is passed as the mapping input to the orchestration.
  > - you can not map the form controls to the array inputs when multi-line input toggle button is enabled.

  (Release 9.2.7.3) For the string inputs in the orchestration or logic extension or notification, a drop-down with option SL version name is enabled. Use this drop-down option to map the application version from which it is launched. The SL version name option enables you to process the orchestration or logic extension or notification based on the application version from which it is launched.

  When the SL version name is selected, the default value field is disabled. The corresponding Allow Empty and Allow Input toggle buttons are also disabled and turned off by default.
- Default Value

  Use this field to enter a default value for the mapping input. When you place the cursor in the Default Value field, you see a balloon that displays the input data type. The default value that you enter in this field will override the default value that is defined for the orchestration in the Orchestrator Studio.

  > **Note:** When the orchestration is executed, the system determines the mapping inputs to be passed to the orchestration based on the following order of precedence:
  > i. The system first checks to determine if a control value is defined. If a control value is defined, the system passes the control value as the mapping input to the orchestration.
  > ii. If the control value is SL version name, then the system passes the application version from which it is launched.
  > iii. If a control value is blank or not defined, the system checks to determine if a default value is defined in the Associate Orchestrations wizard. If a default value is defined, the system passes the default value as the mapping input to the orchestration.
  > iv. If a control value or a default value is not defined in the Associate Orchestrations wizard, the orchestration honors the default value defined for the orchestration input in the Orchestrator Studio.
  > v. You can provide multi-line input to an orchestration having array inputs. If the input type is array, then click the corresponding Array icon under Default Value in the Associate Orchestration wizard. A pop-up box is displayed that contains an array of inputs including the default values from the orchestration studio. You can modify, delete, or add new rows. Click **Save** to save your changes in the grid.

- Allow Empty

  Use the Allow Empty toggle button if you do not want any mapping inputs to be passed to the orchestration. For example, if you want the orchestration to be executed without a mapping input being defined for an orchestration input, you can slide the toggle button to the right.
- Allow Input

  Use the Allow Input toggle button if you want to override inputs before running the orchestration. When you slide the toggle button to the right in design time, a popup window displays all the inputs for which the Allow Input option is enabled in run time. You can update the inputs if required before running the orchestration.

  Starting with Tools Release 9.2.7.3, you can design a logic extension with the ability to change the simple user interface on the form, for example, to show, hide, enable, disable, or change the colour of a control. When you associate a logic extension that contains form controls, the system displays the Map Form Controls tab next to the Define Inputs tab.

  In the Map Form Control tab, click in the **Mapping Control** field. The EnterpriseOne form controls are enabled for selection as mapping inputs.

  Click the control that you want to use as a mapping input. The system displays the Control ID automatically.

  > **Note:** You will see a List icon in the Mapping Control field if the input type is Form Control List the Logic Extension. Click the **List** icon and then in the control list window, click in the Mapping Control field and then click the fields in the form to map the controls. For more information, see *Adding a Form Control Function (Release 9.2.7.3)* in the *JD Edwards EnterpriseOne Tools Orchestrator Guide* .

11. a. In the **Execution** step (**Step 4**), you can view the event and orchestration details that you have defined in the previous steps. Use this step to define how the orchestration should be executed.

    - Select the Execute Before Event or the Execute After Event option to execute the orchestration before or after the event.
    - Use the Run Synchronously toggle button to run the orchestration/notification in the synchronous or asynchronous mode. For orchestration configured with file as output in Orchestration studio and logic extension, this toggle button is turned on and disabled as its execution is always synchronous.

      > **Note:** If you turn on this toggle button, the Define Outputs step (**Step 5**) is enabled to allow you to map orchestration outputs to the form controls if there are any outputs defined.

    - Use the Hide Error toggle button to hide the Orchestration and Notification errors or show them as in-your-face errors on the form. For Logic Extension, if this toggle button is turned off, then errors will be displayed in a pop-up.

      If you choose to show the error messages, the system displays an informative message if the orchestration/notification/logic extension fails because of one or more of the following reasons:

      - The orchestration/notification is not submitted because of a system error such as an invalid AIS configuration. Logic extension is independent of AIS server.
      - The user does not have UDO security to run the orchestration at runtime.
      - The system failed to execute the orchestration at runtime.
      - The mapped orchestration output is invalid. For example, if a field that is mapped to an orchestration/notification/logic extension output has been removed from the form in the FDA, the user will see an informative message on the form when the orchestration is executed.

        > **Note:** The error messages are informative and do not stop the execution of the application ERs (event rules).

        For more information, see *Informative Messages*.
    - Use the Show Progress toggle button to show or hide the progress of the execution of the orchestration and Notification.
    - (Release 9.2.4) Use the Disable Form on Error toggle button to prevent the user from performing any transactions on the form. If you enable this toggle button, only the Close button is enabled and all other controls are disabled or hidden if the orchestration fails execution.

      > **Note:** The system enables the Disable Form on Error toggle button only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.

    - (Release 9.2.6) Use the Show Message toggle button to show or hide the orchestration and notification success message that has been defined for the orchestration in the Orchestrator Studio. If you enable this toggle button, when you run the orchestration at runtime, if the orchestration runs successfully, the Orchestration Messages dialog box displays the custom orchestration success message defined for the orchestration.
    - Enable the Allow User to Cancel toggle button to cancel the orchestration/notification/logic extension in run time using close or cancel button. If the Allow User to cancel button is not enabled in design time,

then the close or cancel the Orchestration option is disabled in run time. By default, this toggle button is turned on.

b. (Tools Release 9.2.26.0) In the Execution Condition tab, you can define the conditions that you want the system to use when processing an orchestration, notification, or logic extension. You can define conditions for form-level events and grid row or column events.

To define the conditions:

a. Enable the **Conditions** toggle. The system displays plus sign (+) on all form controls, grid columns, extended form controls, and extended business view columns.
b. Select the **Match All** option to include all condition statements in Conditions, or select the **Match Any** option to include one or more condition statements in Conditions before processing the orchestration, notification, or logic extension.
c. Click the **+** sign on the form or grid controls that you want to use to define the condition statements for Conditions. Each form or grid control that you add is added as the left operand in the Execution Condition step.

   Alternatively, you can click the **Add Row** button (plus sign that appears before Add Row) to add the left operand instead of selecting it from the form. When you click the Add Row button, the Left Operand List pop-up box is displayed, presenting the System Variables and All Fields sections that can be used to define the left operand. Select the required system variables or fields for the left operand and build the condition statement.
d. For each condition, select the operator from the operator (first) drop-down list.

   Note: The operators that are displayed for each condition (such as equal, not equal, between, and in list) depend on the data type of the selected left operand
e. To add the right operand, you can enter text to validate in the box provided or click on the drop-down arrow button, the system displays the Set Special Value pop-up box along with the columns based on the left operand data type. Additionally, the system displays the Login User ID option for the String type data type. You can select the Login User ID option and click **OK** or you can select option Column. Use Search box to search the column and click the **+** icon to add the columns as right operand.

   Note: The system validates the right operand value for the data type. If you enter an invalid value, an error message is displayed.

12. Click Next.

    Note: The system displays the Next button only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.
13. In the Define Outputs step (**Step 5**), click in the Mapping Output field and then click the control that you want to use as a mapping output.

    Note: The system enables the Define Outputs step only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.
14. Click Save.
15. Click Close.
16. Click Save in the Form Extension Manager side panel.
17. Click Close Side Panel.

    When you run the orchestration/notification/logic extension at runtime, the system displays the Enter Input pop-up box with Orchestration Inputs and File Inputs tab based on the below configuration:

> **Note:** Starting with Tools Release 9.2.26.0, when you run the orchestration/notification/logic extension at runtime, the system checks whether any conditions have been added.
>
> - If conditions are added, the system validates them before running the orchestration/notification/logic extension. The orchestration/notification/logic extension runs only if the conditions are validated successfully.
> - If no conditions are added, the system proceeds to run the orchestration/notification/logic extension without validation.
>
> After validating the conditions, the system displays the Enter Input pop-up box with Orchestration Inputs and File Inputs tabs based on the below configuration.

- The system displays the Orchestration Inputs tab only if you turn on the Allow Input toggle button for any of the orchestration/notification/logic extension inputs in the Associate Orchestration wizard.
- The system displays the File Inputs tab only if you select the orchestration which has file inputs enabled in the orchestrator studio.

In the Orchestration inputs tab, when you place the cursor in the Default Value field, you see a balloon that displays the input data type. If you have defined the default values for the inputs in the Associate Orchestration wizard or the Orchestrator Studio, the default values are displayed in italic font.

If the input type is array, then click the corresponding **Multiple Inputs** button under Default Value in the Enter Input pop-up window. A pop-up box is displayed that contains an array of inputs with the default values. You can modify, delete, or add new rows. Click **OK** to save your changes in the grid.

You can resize the pop-up box by using the Resize icon in the bottom-right corner to accommodate the number of columns and rows that you want to display in the pop-up box.

In the File Inputs tab, you can upload file inputs for Orchestrations. When you select the File Inputs tab, the file upload option is displayed where you can select or drop the files for uploading. You can upload individual or multiple files, depending on the File Inputs configuration selected in the Orchestration Studio.

> **Note:** The maximum file size depends on the MaxFileUploadSize configuration in Server Manager. If file size exceeds the configured maximum, an error message is displayed.

In the **Enter Input** dialog box, enter new values for the inputs as applicable and upload the required files. Click **Reset** to clear the values or click **OK** to run the orchestration/notification/logic extension..

According to the output configuration in the associated orchestration, if the Files option is selected in the Orchestrator Studio, then you can download the file after the execution of the orchestration. A pop-up orchestration message is displayed with a download file button that allows you to download the response as a single file or a zip file, depending on the File Output configuration selected in the Orchestrator Studio.

By clicking the Download File button, the file is downloaded to the browser's default download directory.

Note: `Click here to view a recording of this feature.`

Note: `Click here to view a recording of this feature.`

Note: `Click here to view an OBE of this feature.`

Note:

- An asterisk (*) displayed beside the Value field for an orchestration/notification/logic extension input indicates that the input is mandatory. If the Value field is blank for a required input, when you click OK, a message is displayed to indicate that you must enter a value in the field to proceed.
- WebCenter Portal does not support File Selector for Orchestrations Launched from a Form Extension and Free-form Input for Orchestrations Launched from Form Extensions features.

Note: `Click here to view a recording of this feature.`

Modifying Associated Orchestrations

To modify associated orchestrations:

1. In the Form Extension Manager side panel, click the Associate Orchestrations link.

   In the Associate Orchestrations wizard, the Saved Orchestration section displays the orchestration/notification/logic extension that are associated with events on the EnterpriseOne form in individual tabs.
2. Click the Edit icon for the orchestration/notification/logic extension for which you want to modify the association with events.
3. Navigate through the steps in the wizard by using the Next and Back buttons and update the details as necessary.
4. Click Save to save your changes or click Cancel if you do not want to save your changes.
5. Click Close.
6. Click Save in the Form Extension Manager side panel.

Deleting Associated Orchestrations

To delete associated orchestrations:

1. In the Form Extension Manager side panel, click the Associate Orchestrations link.

   In the Associate Orchestrations wizard, the Saved Orchestration section displays the orchestration/notification/logic extension that are associated with events on the EnterpriseOne form in individual tabs.
2. Click the Delete icon to delete the association of an orchestration/notification/logic extension with an event.
3. Click OK in the Confirmation dialog box.
4. Click Close.
5. Click Save in the Form Extension Manager side panel.

Supported Events

The following table describes the events for each control type that are supported for association with orchestration/notification/logic extension using the Associate Orchestrations wizard:

Control Type	Events
Text Field	• Control is Entered • Visual Assist Button Clicked • Post Visual Assistant Clicked • Control is Exited • Control is Exited/Changed-Inline • Control is Exited/Changed-Asynch
Checkbox, radio button, combo box	Selection Changed
Button	• Button Clicked • Post Button Clicked • Post Button Clicked-Asynch
Fix Inspect	• Dialog is Initialized • Post Dialog is Initialized • Clear Screen Before Add • Add Record to DB - Before • Add Record to DB - After • Update Record to DB - Before • Update Record to DB - After • End Dialog
Find/Browse, Search & Select, Parent/Child Browse	• Dialog is Initialized • Post Dialog is Initialized • Grid Record is Fetched • Write Grid Line-Before • Write Grid Line-After • Last Grid Record Has Been Fetched • End Dialog
Power Browse	• Dialog is Initialized • Post Dialog is Initialized • Grid Record is Fetched • Write Grid Line-Before • Write Grid Line-After • Last Grid Record Has Been Fetched

Control Type	Events
	• Notified by Child • End Dialog
Subform	• Notified by Child • Notified by Parent • Grid Record is Fetched • Write Grid Line-Before • Write Grid Line-After • Last Grid Record Has Been Read • Add Record to DB - Before • Add Record to DB - After • Update Record to DB - Before • Update Record to DB - After
Header Detail	• Dialog is Initialized • Post Dialog is Initialized • Grid Record is Fetched • Last Grid Record Has Been Read • Clear Screen Before Add • Clear Screen After Add • Write Grid Line-Before • Write Grid Line-After • Add Record to DB - Before • Add Record to DB - After • Update Record to DB - Before • Update Record to DB - After • End Dialog
Headerless Detail	• Dialog is Initialized • Post Dialog is Initialized • Grid Record is Fetched • Last Grid Record Has Been Read • Clear Screen Before Add • Clear Screen After Add • Write Grid Line-Before • Write Grid Line-After • End Dialog
Tree	• Set Focus On Tree • Tree Node Selected • Tree Node Is Expanding

Control Type	Events
	• Tree Node Is Collapsing • Double Click on Leaf Node • Get Custom Tree Node • Tree Node Is Deleted • Kill Focus On Tree
Chart	Chart is Clicked
Tab Page	• Tab Page is Initialized • Tab Page is Initialized
Calendar	• Load Calendar Activity • Drill Into Calendar Activity • Drill Into Time Span • Add Activity Button Clicked • Post Add Activity Button Clicked
Browse Grid (Release 9.2.4)	• All Grid Recs Deleted from DB • Delete Grid Rec Verify - After • Delete Grid Rec Verify - Before • Delete Grid Rec from DB - After • Delete Grid Rec from DB - Before • Double Click on Row Header • Get Custom Grid Row • Kill Focus on Grid • Row Entered • Row Exited • Row is Selected • Row is Unselected • Set Focus on Grid
Update Grid (Release 9.2.4)	• Add Grid Rec to DB - After • Add Grid Rec to DB - Before • Add Last Entry Row to Grid • All Grid Recs Added to DB • All Grid Recs Deleted from DB • All Grid Recs Updated to DB • Delete Grid Rec Verify - After • Delete Grid Rec Verify - Before • Delete Grid Rec from DB - After • Delete Grid Rec from DB - Before

Control Type	Events
	• Double Click on Row Header • Get Custom Grid Row • Kill Focus on Grid • Row Entered • Row Exit & Changed - Asynch • Row Exit & Changed - Inline • Row Exited • Set Focus on Grid • Update Grid Rec to DB - After • Update Grid Rec to DB - Before
Browse Grid Column Heading (Release 9.2.4)	• Grid Column Clicked • Post Vsual Assist Clicked • Visual Assist Button Clicked • Grid Cell Display Changed • Col Exited & Changed - Asynch • Col is Exited
Update Grid Column Heading (Release 9.2.4)	• Selection Changed • Col Exited & Changed - Asynch • Col Exited & Changed - Inline • Col is Exited • Post Visual Assist Clicked • Visual Assist Button Clicked • Grid Column Clicked
Label, Associated Description, Media Object, Text Block, Text Search	No events supported

Events Not Supported for Mapping Orchestration Outputs

The following events are not supported for mapping orchestration outputs from the Associate Orchestrations wizard:

- Add Rec to DB - After
- Update DB Rec - After
- Delete Grid Recs Verify - Before
- Delete Grid Recs Verify - After
- Delete Grid Recs from DB - Before
- Delete Grid Recs from DB - After
- All Grid Recs Deleted from DB
- Add Grid Rec to DB - After
- All Grid Recs Added to DB

- Update Grid Rec to DB - After
- Add Last Entry Row to Grid

Troubleshooting

This section describes some of the issues that you might encounter and the possible resolutions.

- **AIS login failure**

  If you receive an "AIS Login Failure" message when you open the Form Extension Manager side panel, verify your AIS configuration settings in the jas.ini file.
- **No orchestration found**

  If you see a message that indicates that no orchestration has been found when you open the Form Extension Manager side panel, check the user's security settings for the shared orchestrations and ensure that the user has View security permissions for the orchestrations.
- **AIS session timeout**

  If you get an AIS session timeout message, check your AIS and JAS server timeout settings.

Informative Messages

This section describes the errors that can occur during orchestration processing. These are informative messages and do not stop the execution of the application ERs. To troubleshoot these messages, you need to contact your system administrator.

- **Error submitting the orchestration**

  This message indicates that a problem exists with the AIS configuration settings.
- **Problem submitting orchestration <orchestration name>**

  This message indicates that you do not have access to the UDO (orchestration). This occurs because either you do not have View security set up for the UDO or the UDO does not exist in the EnterpriseOne path code.
- **Error mapping the orchestration output**

  This message indicates that at least one of the mapped output fields is missing. One of the reasons why this occurs is that one or more of the fields that are mapped to an orchestration output have been removed from the form in the FDA.
- **Error executing orchestration <orchestration name>**

  This message indicates that there was a system error while executing the orchestration. For more information, see *"Troubleshooting"* in the *JD Edwards EnterpriseOne Tools Orchestrator Guide* .

Adding a New Web Button (Release 9.2.3.3)

You can use the form extensibility framework to add a new web button to an EnterpriseOne form without customization.

Note: Currently, you can only use the newly added web button to associate orchestrations with the button events.

To add a web button:

1. In the Form Extension Manager side panel, select the Add Button button and then drag and drop it to the appropriate position on the form.

   Alternatively, click the Add Form Control button (represented by a green square with a + icon). The new button appears at the default position (top left corner of the form).
2. To rename the button, double-click the button and enter a new name. Alternatively, right-click the button, select Rename Label from the context menu, and then enter a new name.

   Starting with Release 9.2.4.4, translation is supported for the renamed buttons.
3. Click Save in the Form Extension Manager side panel.

   You can associate orchestrations with the events of the newly added web button. Associating an orchestration with the web button events is similar to associating an orchestration with the events for any existing EnterpriseOne form control. For more information, see *Associating Orchestrations with Events*.

Hiding, Unhiding, Renaming, and Resetting Form Controls (Release 9.2.4.3)

You can use form extensibility to hide the form controls that you do not need. You can unhide or show the hidden controls when you need them. In addition, you can rename the form controls and reset the form controls.

This section describes how to hide, unhide, rename, and reset existing form controls. For information about how to add available columns and remove, rename, and reposition extended columns, see *Extending EnterpriseOne Forms Using Business Views*.

Hiding Form Controls

When you hide an existing field or form control in a form extension, the item appears in the Form Extension Manager side panel under the Extension Only tab. You can add these items back to the form when you need them.

> **Note:**
>
> - You cannot hide the grid in a form extension.
> - (Release 9.2.4.4) The Hide icon is displayed for all the containers. However, you cannot hide a container if it has a control that is marked as required. If you attempt to hide the container, the system displays a message that you cannot hide it because it has a required field.

Hidden items are grouped by the containers (such as group box and tab pane) that they belong to, and the container labels are displayed under the Extension Only tab. In case of multiple tabs, the tab names are also displayed. You can expand or collapse the form controls on the Form Extension Manager.

When you hide fields from subforms, the hidden items are displayed in the side panel, grouped by their subforms. In the side panel, the term "(subform)" is appended to the container label to identify it as the subform's items. In the form also, the term "(subform)" is appended to the subform title to indicate that it is a subform.

Hovering over the hidden items displays the control's information such as Control ID, Control Title, and DD Info associated with the control.

When hiding controls in a form with more than six tab pages, you can use the navigation arrows to navigate to the other tab pages. During runtime, the names of the tab pages of the form are displayed in a drop-down list.

To hide the form controls:

1. Open the EnterpriseOne application form that you want to extend.
2. Click the Form Extension icon.
3. Click the Hide button (represented by a red square with a minus sign) on the control that you want to hide in the form. Alternatively, right-click the control and select the Hide option from the context menu.

   The hidden control is displayed in the Form Extension Manager side panel under the Extension Only tab.

   > **Note:** The Hide button is displayed only for existing form controls. In the case of an extended form control, you can remove the form control from the form by clicking the Remove Form Control button located next to the field in the form or the design panel. However, if the container of the extended control is hidden, the extended control is also hidden and it will be displayed in the Extension Only tab in the design panel.

4. Click Save in the Form Extension Manager side panel.

Unhiding Form Controls

After hiding a form control in a form extension, you can unhide the form control if you need it back in the form. The hidden form controls are displayed in the Form Extension Manager side panel under the Extension Only tab.

To unhide the hidden form controls:

1. Open the EnterpriseOne application form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Extension Only tab.
4. Click the Unhide button (represented by a green square with a plus sign) on the control that you want to show. The hidden control appears in the position it was hidden from the form.

   Alternatively, you can select the control and drag and drop it to any location in the form.
5. Click Save in the Form Extension Manager side panel.

If you click the Unhide button on the container (such as group box, tab pages), all the hidden items belonging to that particular container appear in the form. Clicking the Unhide button on an individual item causes only the selected item to appear in the form.

When you drag an item to a form, the background color changes to blue wherever the control is allowed to be dragged and dropped on the form.

> **Note:** You cannot drag and drop an item to a different tab or to a grid.

Disabling Form Controls (Release 9.2.7)

You can disable an existing form control in a form extension. You can enable the form controls if you need them back in the form.

To disable the form control:

1. Open the EnterpriseOne application form in which you want to disable the form control.
2. Click the Form Extension icon.
3. Right-click the text control in the form, and then select Properties in the context menu. In the Edit Properties dialog box, in the General tab, select the Disabled check box and then click OK.
4. Click Save in the Form Extension Manager side panel. At runtime, the form control is displayed as disabled.

Enabling Form Controls (Release 9.2.7)

You can enable a form control in a form so that users can edit the form control at runtime.

To enable the disabled form control:

1. Open the EnterpriseOne application form in which you want to enable the form control.
2. Click the Form Extension icon.
3. To enable a form control which is disabled, right-click the text control in the form, and select Properties in the context menu. In the Edit Properties dialog box, deselect the Disabled check box.
4. Click Save in the Form Extension Manager side panel. At runtime, the form control is displayed as an editable control.

> **Note:** You can enable or disable fields on a form for the following form controls: text box, combo box, check box, radio button, button, and extended Button.

Disabling Form, Row, and Report Exits (Release 9.2.7)

You can disable a Form, Row, or Report exit that you do not need on a form. Right-click the Form, Row, or Report exit that you want to disable and select Properties in the context menu. In the Edit Properties dialog box, in the General tab, select the Disabled check box and then click OK. At runtime, the form menu is not visible.

To disable a menu item in Form, Row, or Report exit, click the form, row or report exit in the menu bar and right-click the menu item that you want to disable. Select Properties in the context menu. In the Edit Properties dialog box, in the General tab, select the Disabled check box and then click OK. At runtime, the menu item is not visible under the form, row or report exits.

Enabling Form, Row, and Report Exits (Release 9.2.7)

You can enable a Form, Row, or Report exit that you need on a form. Right-click the Form, Row, or Report exit that you want to enable and select Properties in the context menu. In the Edit Properties dialog box, in the General tab, select the Disabled check box and then click OK. At runtime, the form menu is visible.

To enable a menu item in Form, Row, or Report exit, click the form, row, or report exit in the menu bar and right-click the menu item that you want to enable. Select Properties in the context menu. In the Edit Properties dialog box, in the General tab, deselect the Disabled check box and then click OK. At runtime, the menu item is visible under the form, row or report exits.

Renaming Field Labels

You can edit the name of field labels, the form name, the title of the tab page as well as the title of the group box in a form extension according to your preference.

> **Note:** Starting with Release 9.2.4.4, translations are supported for the renamed labels. For more information, see *Translating Renamed Labels (Release 9.2.4.4)*.

To rename the field label, right-click the field and select the Rename Label option from the context menu, or double-click the field. The field is selected as indicated by a dotted border; you can now edit the label.

You can use the Rename Label option to rename the title of the tab page and the group box. Note that while renaming the labels, the system does not allow any special characters except an underscore "_".

To rename the form title, double-click the form title. The title is selected and you can edit the label.

> **Note:** You can rename only the title of the current active tab page.

Resetting Form Controls

You can reset existing form controls to their original size and positions in a form extension. If you have resized a form control by changing its height and width, when you use the Reset option, the system resets the form control to its original height and width.

> **Note:** You can reset only the existing form controls and not the extended controls.

To reset a form control, right-click the control in the form, and then select the Reset option from the context menu.

If you move a form control out of a tab or place it in a different tab, the control will revert to its original tab when you reset it.

Translating Renamed Labels (Release 9.2.4.4)

Starting with Tools Release 9.2.4.4, you can use the User Defined Objects Language Translations application (P9860WD) to change the language for the name and description of the renamed labels in a form extension. For information about adding language translations to UDO content, see *"Translations" in the JD Edwards EnterpriseOne Tools Translation Tools Guide* .

Creating Form and Row Exits (Release 9.2.4.4)

Starting with Release 9.2.4.4, you can use the form extensibility framework to add form and row exits on a form. After adding a form or row exit, you can associate a form interconnection with the form or row exit. Associating a form interconnection with the form or row exit enables you to define the form that the system displays when you click the newly added form or row exit.

After adding a form or row exit, you can rename the exit to a more meaningful name. In addition, you can delete the newly added form or row exits and the associated form interconnections if you do not need them.

> **Note:** `Click here to view a recording of this feature.`

Adding a New Form or Row Exit

To add a form or row exit:

1. Open the EnterpriseOne form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Manage Exits button.

   The system displays the Manage Exits window. The Manage Exits window includes locator links that enable you to navigate through the different levels of menus in the menu hierarchy.
4. Perform the following steps:
   - To add a form exit, click the Form tab and then click the Add button.
   - To add a row exit, click the Row tab and then click the Add button.

   An Expand icon beside a form or row exit indicates that it is a parent and it has one or more child menu exits. To add a child exit, click the Expand icon and then click the Add button.

   Use the breadcrumbs to navigate back to the parent menu from the child menu.

   By default, the system displays the name "Exit" for the new form and row exits.
5. (Optional) To change the name of the form or row exit, click the <form or row exit name> field and then enter a new name.

   > **Note:**
   > - You can enter the same name multiple times.
   > - You can enter a maximum of 20 characters when entering the form or row exit name.
   > - You can enter special characters except the ampersand (&) when entering the form or row exit name.
6. Click OK.
7. Click Save in the Form Extension Manager side panel.
8. Click Close Side Panel.

Renaming a Form or Row Exit

After adding a form or row exit by using the Form Extension Manager side panel, you can rename the newly added form or row exit to give it a more meaningful name.

To rename a form or row exit:

1. Open the EnterpriseOne form that contains the form or row exit that you want to rename.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Manage Exits button.

   The system displays the Manage Exits window.
4. Click the Form tab or the Row tab as necessary.
5. Click the <form or row exit name> field and then enter a new name.
6. Click OK.
7. Click Save in the Form Extension Manager side panel.
8. Click Close Side Panel.

Deleting a Form or Row Exit

After adding a form or row exit by using the Form Extension Manager side panel, you can delete the newly added form or row exit if you do not need it.

To delete a form or row exit:

1. Open the EnterpriseOne form that contains the extended form or row exit that you want to delete.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Manage Exits button.

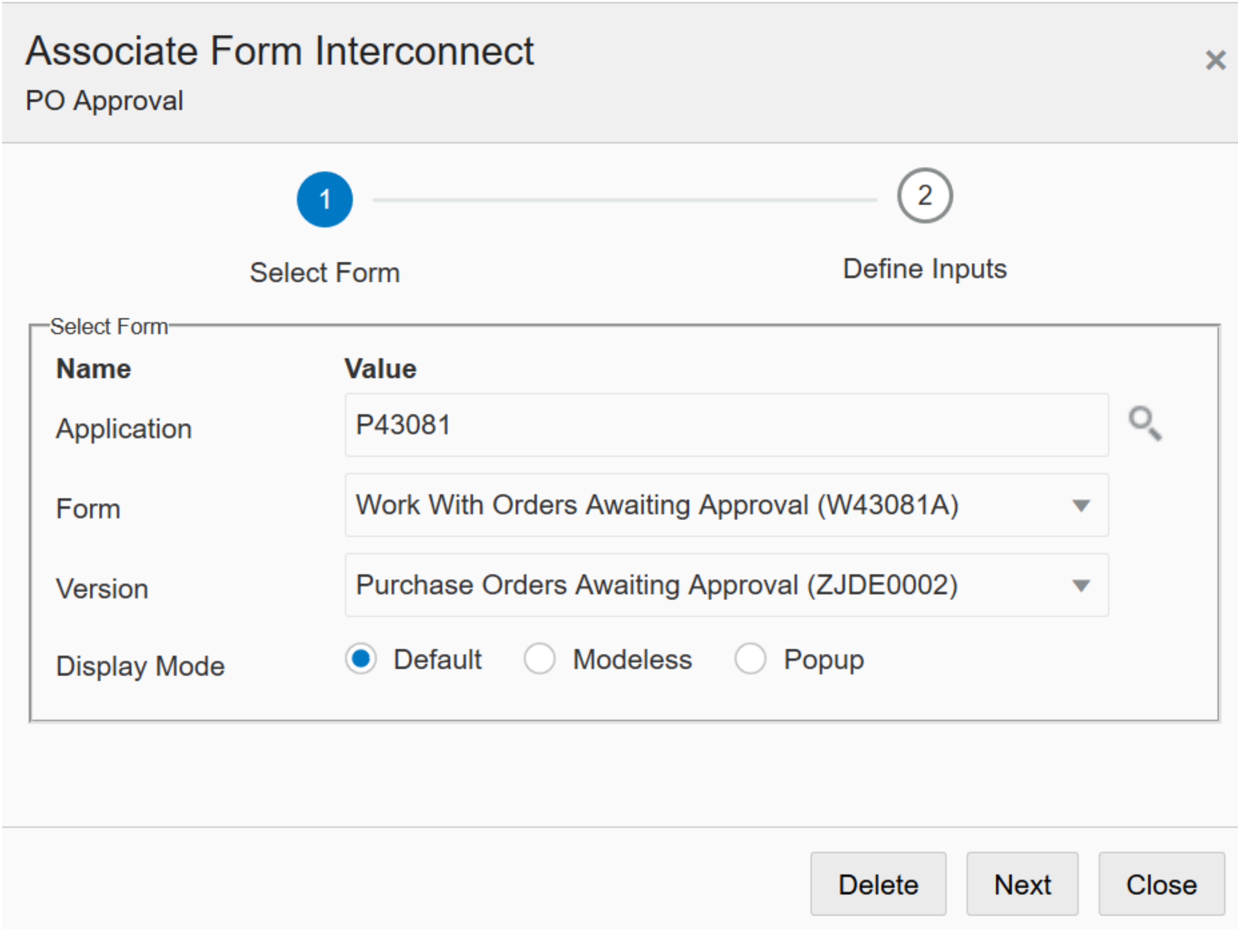
   The system displays the Manage Exits window.
4. Click the Form tab or the Row tab as necessary.
5. Click the corresponding Delete icon for the form or row exit that you want to delete.

   If the form or row exit has a form interconnection associated with it, the system displays a confirmation dialog box. Click OK in the confirmation dialog box.
6. Click OK in the Manage Exits window.
7. Click Save in the Form Extension Manager side panel.
8. Click Close Side Panel.

Associating a Form Interconnection with a Form or Row Exit

After you add a new form or row exit by using the Form Extension Manager side panel, you can associate a form interconnection with the newly added form or row exit. Associating a form interconnection enables the system to determine which form is called and displayed when you click the form or row exit.

You can associate form interconnections by using the Associate Form Interconnect wizard. The Associate Form Interconnect wizard has two sequential steps as shown in the following image:



Indicators are displayed to help you move through the steps. A check mark on a step indicates that the step is complete and you can proceed to the next step. A red exclamation point indicates that the step is not complete. Click the Next button to proceed to the next step.

To associate a form interconnection with a form or row exit:

1. Open the EnterpriseOne form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Manage Exits button.

   The system displays the Manage Exits window.
4. Perform the following steps:

   - To associate a form interconnection with a form exit, click the Form tab and then click the corresponding Configure Exit icon for the form exit.
   - To associate a form interconnection with a row exit, click the Row tab and then click the corresponding Configure Exit icon for the row exit.

   The system displays the Associate Form Interconnect wizard.
5. In the **Select Form** step (**Step 1**), define the form to which you want to connect by performing the following actions:

   - In the Application field, enter the application ID of the application to which you are connecting. You can use the visual assist to search for and select the application.

- From the Form drop-down list, select the form to which you want to connect.
- From the Version drop-down list, select the version of the form to which you want to connect.
- Select one of the Display Mode options:
  - Default
  - Modeless
  - Popup

For more information about the types of form interconnections, see the *JD Edwards EnterpriseOne Tools Form Design Aid Guide* .

6. Click Next.

   If you click Next without entering the application details, a red exclamation point is displayed on the Select Form step. A message is also displayed, indicating that you must select a valid application to proceed.
7. In the **Define Inputs** step (**Step 2**), define the mapping inputs for each data item that is included in the data structure of the target form.
   - Mapping Input

     Click the Mapping Input field. The EnterpriseOne form controls are enabled for selection as mapping inputs. Click the control that you want to use as a mapping input.

     The control that you selected is populated in the Mapping Input field.

     Note: You can use extended form controls as mapping inputs.
   - Input Value

     Use this field to enter a value for the mapping input.
8. Click Save.
9. Click Close.
10. In the Manage Exits dialog box, click OK.
11. Click Save in the Form Extension Manager side panel.
12. Click Close Side Panel.

Modifying Associated Form Interconnections

To modify associated form interconnections:

1. In the Form Extension Manager side panel, click the Manage Exits button.

   The system displays the Manage Exits window.
2. Click the Form tab or the Row tab and then click the Configure Exit icon for the corresponding form or row exit for which you want to modify the associated form interconnection.

   The system displays the Associate Form Interconnect window.
3. Modify the form interconnection details as necessary.
4. Click Save to save your changes.
5. Click Close.
6. Click Save in the Form Extension Manager side panel.
7. Click Close Side Panel.

Deleting Associated Form Interconnections

To delete associated form interconnections:

1. In the Form Extension Manager side panel, click the Manage Exits button.

   The system displays the Manage Exits window.
2. Click the Form tab or the Row tab and then click the Configure Exit icon for the corresponding form or row exit for which you want to delete the associated form interconnection.

   The system displays the Associate Form Interconnect window.
3. Click the Delete button to delete the associated form interconnection.
4. Click OK in the confirmation dialog box.
5. Click OK in the Manage Exits window.
6. Click Save in the Form Extension Manager side panel.
7. Click Close Side Panel.

Associating Orchestrations with Form or Row Exit (Release 9.2.9)

To associate orchestrations with Form or Row exit:

1. Open the EnterpriseOne application form that you want to extend.
2. Click the Form Extension icon.
3. In the Form Extension Manager side panel, click the Mange Exits button to open the Manage Exits window.
4. In the Manage Exits window, click the Associate Orchestrations icon **next to the Form or Row exit menu item** to open the Associate Orchestrations wizard for the form or row exit you want to associate with an orchestration.
5. In the Associate Orchestrations wizard, in the **Select Event** step (**Step 1**), select the event from the Event drop-down list. You can select Button Clicked or Post Button Clicked.
6. Select one of the Orchestration/Notification/Logic Extension tabs to associate so that the respective list of items will be listed in the next step.

   Note:
   - Depending on the tab selected in this step, you can see that all the labels will change correspondingly to orchestration/notification/logic extension.
   - If the AIS server is down even though the JAS server is running, an error message will be displayed in orchestration/notification tabs. This error message will not be displayed in logic extension tab, as logic extension is independent of AIS server.
7. Click Next.
8. In the **Select orchestration/notification/logic extension** step (**Step 2**), select the orchestration/notification/logic extension from the drop-down list. You can use the Search field to search for the orchestration/notification/logic extension.

   Note: Only one orchestration/notification/logic extension can be associated with one form or row exit.

9. Click Next.

   If you click Next without selecting an item from the drop-down, a red exclamation point is displayed on the Select Orchestration step. A message is also displayed, indicating that you must select a valid orchestration to proceed.
10. In the **Define Inputs** step (**Step 3**), define the mapping inputs for each orchestration input:
    - **Multi-Line Inputs**

      The Multi-Line Inputs toggle button has been added to enable array inputs. If you enable the toggle button, the grid values are consolidated in an array format, and you can enter multiple-line values. If the toggle button is not enabled, the system does not show the array input option.
    - (Optional) Name

      You can edit the input fields in the Name section to modify the name of the orchestration or notification or logic extension input according to your preference. To modify inputs field names, click the input field you want to edit and enter a new name to modify the existing name of the orchestration or notification or logic extension input. In case of multi-line inputs, you can modify the name of the multi-line input in the Associate Orchestration wizard, and to modify the individual grid inputs click the Array icon and enter a new name for the orchestration or notification or logic extension input you want to edit in the window that is displayed. If you modify the name of the input from a form extension, the system displays the renamed input only when you the orchestration is called from that form.
    - Mapping Input

      Click in the Mapping Input field. The EnterpriseOne form controls are enabled for selection as mapping inputs. Click the control that you want to use as a mapping input.

      The control that you selected is populated in the Mapping Input field.

      Note:

      - You can use extended form controls as mapping inputs.
      - When grid columns are used as mapping inputs, the selected row at runtime is passed as the mapping input to the orchestration.
      - you can not map the form controls to the array inputs when multi-line input toggle button is enabled.

      For the string inputs in the orchestration or logic extension or notification, a drop-down with option SL version name is enabled. Use this drop-down option to map the application version from which it is launched. The SL version name option enables you to process the orchestration or logic extension or notification based on the application version from which it is launched.

When the SL version name is selected, the default value field is disabled. The corresponding Allow Empty and Allow Input toggle buttons are also disabled and turned off by default.

- Default Value

  Use this field to enter a default value for the mapping input. When you place the cursor in the Default Value field, you see a balloon that displays the input data type. The default value that you enter in this field will override the default value that is defined for the orchestration in the Orchestrator Studio.

  > **Note:** When the orchestration is executed, the system determines the mapping inputs to be passed to the orchestration based on the following order of precedence:
  >
  > i. The system first checks to determine if a control value is defined. If a control value is defined, the system passes the control value as the mapping input to the orchestration.
  > ii. If the control value is SL version name, then the system passes the application version from which it is launched.
  > iii. If a control value is blank or not defined, the system checks to determine if a default value is defined in the Associate Orchestrations wizard. If a default value is defined, the system passes the default value as the mapping input to the orchestration.
  > iv. If a control value or a default value is not defined in the Associate Orchestrations wizard, the orchestration honors the default value defined for the orchestration input in the Orchestrator Studio.
  > v. You can provide multi-line input to an orchestration having array inputs. If the input type is array, then click the corresponding Array icon under Default Value in the Associate Orchestration wizard. A pop-up box is displayed that contains an array of inputs including the default values from the Orchestrator Studio. You can modify, delete, or add new rows. Click **Save** to save your changes in the grid.

- Allow Empty

  Use the Allow Empty toggle button if you do not want any mapping inputs to be passed to the orchestration. For example, if you want to run the orchestration without a mapping input being defined for an orchestration input, you can slide the toggle button to the right.

- Allow Input

  Use the Allow Input toggle button if you want to override inputs before running the orchestration. When you slide the toggle button to the right in design time, a pop-up window displays all the inputs for which the Allow Input option is enabled in run time. You can update the inputs if required before running the orchestration.

  You can design a logic extension with the ability to change the simple user interface on the form, for example, to show, hide, enable, disable, or change the colour of a control. When you associate a logic extension that contains form controls, the system displays the Map Form Controls tab next to the Define Inputs tab.

In the Map Form Control tab, click in the **Mapping Control** field. The EnterpriseOne form controls are enabled for selection as mapping inputs.

Click the control that you want to use as a mapping input. The system displays the Control ID automatically.

> **Note:** If you select Post Button Clicked event in the **Select Events** tab, the Allow Inputs toggle button will be disabled by default.

> **Note:** You will see a List icon in the Mapping Control field if the input type is Form Control List the Logic Extension. Click the **List** icon and then in the control list window, click in the Mapping Control field and then click the fields in the form to map the controls. For more information, see *Adding a Form Control Function (Release 9.2.7.3)* in the *JD Edwards EnterpriseOne Tools Orchestrator Guide* .

11. In the **Execution** step (**Step 4**), you can view the event and orchestration details that you have defined in the previous steps. Use this step to define how the orchestration should be executed.

    - Select the Execute Before Event or the Execute After Event option to execute the orchestration before or after the event.
    - Use the Run Synchronously toggle button to run the orchestration/notification in the synchronous or asynchronous mode. For orchestration configured with file as output in Orchestration studio and logic extension, this toggle button is turned on and disabled as its execution is always synchronous.

      > **Note:** If you turn on this toggle button, the Define Outputs step (**Step 5**) is enabled to allow you to map orchestration outputs to the form controls if there are any outputs defined.

    - Use the Hide Error toggle button to hide the Orchestration and Notification errors or show them as in-your-face errors on the form. For Logic Extension, if this toggle button is turned off, then errors will be displayed in a pop-up.

      If you choose to show the error messages, the system displays an informative message if the orchestration/notification/logic extension fails because of one or more of the following reasons:

      - The orchestration/notification is not submitted because of a system error such as an invalid AIS configuration. Logic extension is independent of AIS server.
      - The user does not have UDO security to run the orchestration at runtime.
      - The system failed to execute the orchestration at runtime.
      - The mapped orchestration output is invalid. For example, if a field that is mapped to an orchestration/notification/logic extension output has been removed from the form in the FDA, the user will see an informative message on the form when the orchestration is executed.

        > **Note:** The error messages are informative and do not stop the execution of the application ERs (event rules).

        For more information, see *Informative Messages*.
    - Use the Show Progress toggle button to show or hide the progress of the execution of the orchestration and Notification.
    - Use the Disable Form on Error toggle button to prevent the user from performing any transactions on the form. If you enable this toggle button, only the Close button is enabled and all other controls are disabled or hidden if the orchestration fails execution.

      > **Note:** The system enables the Disable Form on Error toggle button only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.

    - Use the Show Message toggle button to show or hide the orchestration and notification success message that has been defined for the orchestration in the Orchestrator Studio. If you enable this toggle button, when you run the orchestration at runtime, if the orchestration runs successfully, the Orchestration Messages dialog box displays the custom orchestration success message defined for the orchestration.
    - Enable the Allow User to Cancel toggle button to cancel the orchestration/notification/logic extension in run time using close or cancel button. If the Allow User to cancel button is not enabled in design time, then the close or cancel the Orchestration option is disabled in run time. By default, this toggle button is turned on.

12. Click Next.

    > **Note:** The system displays the Next button only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.

13. In the Define Outputs step (**Step 5**), click in the Mapping Output field and then click the control that you want to use as a mapping output.

    > **Note:** The system enables the Define Outputs step only if you turn on the Run Synchronously toggle button to run the orchestration in the synchronous mode.

14. Click Save.
15. Click Close.
16. Click Ok in the Manage Exits window.
17. Click Save in the Form Extension Manager side panel.
18. Click Close Side Panel.

    When you run the orchestration/notification/logic extension at runtime, the system displays the Enter Input pop-up box with Orchestration Inputs and File Inputs tab based on the below configuration:
    - The system displays the Orchestration Inputs tab only if you turn on the Allow Input toggle button for any of the orchestration/notification/logic extension inputs in the Associate Orchestration wizard.
    - The system displays the File Inputs tab only if you select the orchestration which has file inputs enabled in the orchestrator studio.

    In the Orchestration inputs tab, when you place the cursor in the Default Value field, you see a balloon that displays the input data type. If you have defined the default values for the inputs in the Associate Orchestration wizard or the Orchestrator Studio, the default values are displayed in italic font.

    If the input type is array, then click the corresponding **Multiple Inputs** button under Default Value in the Enter Input pop-up window. A pop-up box is displayed that contains an array of inputs with the default values. You can modify, delete, or add new rows. Click **OK** to save your changes in the grid.

    You can resize the pop-up box by using the Resize icon in the bottom-right corner to accommodate the number of columns and rows that you want to display in the pop-up box.

    In the File Inputs tab, you can upload file inputs for Orchestrations. When you select the File Inputs tab, the file upload option is displayed where you can select or drop the files for uploading. You can upload individual or multiple files, depending on the File Inputs configuration selected in the Orchestrator Studio.

    > **Note:** The maximum file size depends on the MaxFileUploadSize configuration in Server Manager. If file size exceeds the configured maximum, an error message is displayed.

    In the **Enter Input** dialog box, enter new values for the inputs as applicable and upload the required files. Click **Reset** to clear the values or click **OK** to run the orchestration/notification/logic extension.

    According to the output configuration in the associated orchestration, if the Files option is selected in the Orchestrator Studio, then you can download the file after the execution of the orchestration. A pop-up orchestration message is displayed with a download file button that allows you to download the response as a single file or a zip file, depending on the File Output configuration selected in the Orchestrator Studio.

    By clicking the Download File button, the file is downloaded to the browser's default download directory.

Modifying Orchestrations Associated with Form or Row Exit

To modify orchestrations associated with form or row exit:

1. In the Form Extension Manager side panel, click the Manage Exits button to open the Manage Exits window.
2. In the Manage Exits window, click the Associate Orchestrations icon to open the Associate Orchestrations wizard for the form or row exit you want to associate with an orchestration.

   In the Associate Orchestrations wizard, the Saved Orchestration section displays the orchestration/notification/logic extension that are associated with the exit.
3. Click the Edit icon for the orchestration/notification/logic extension for which you want to modify the association with events.
4. Navigate through the steps in the wizard by using the Next and Back buttons and update the details as necessary.
5. Click Save to save your changes or click Cancel if you do not want to save your changes.
6. Click Close.
7. Click Ok in the Manage Exits window.
8. Click Save in the Form Extension Manager side panel.

Deleting Orchestrations Associated with Form or Row Exit

To delete orchestrations associated with form or row exit:

1. In the Form Extension Manager side panel, click the Manage Exits button to open the Manage Exits window.
2. In the Manage Exits window, click the Associate Orchestrations icon to open the Associate Orchestrations wizard for the form or row exit you want to associate with an orchestration.

   In the Associate Orchestrations wizard, the Saved Orchestration section displays the orchestration/notification/logic extension that are associated with the exit.
3. Click the Delete icon to delete the association of an orchestration/notification/logic extension with an event.
4. Click OK in the Confirmation dialog box.
5. Click Close.
6. Click Save in the Form Extension Manager side panel.

Saving a Form Extension

If you are creating a form extension or modifying an existing one, you can click the Save icon to save the form extension. You can create and save only one form extension for an EnterpriseOne form.

If you close the Form Extension Manager design panel without saving the form extension, the system displays a warning message. If you click OK, the system does not save any changes made to the form. Click Cancel to go back and save your changes.

After saving the form extension, if you have permission to publish it, you can click the Request to Publish icon to request that the form extension be published. This moves the form extension to Pending Approval status. After the form extension is approved for publishing, it appears under the Shared category.

Modifying, Publishing, and Deleting a Form Extension

For more information about these common UDO tasks, see the following topics:

- *Modifying UDOs*
- *Publishing UDOs*
- *Deleting Personal UDOs*

10 Performing Approval, Rejection, and Advanced Tasks

UDO Permissions and Statuses Overview

Note: *Click here to review a recording of this feature.*

UDOs are web objects EnterpriseOne users create using the EnterpriseOne web interface. Users can create UDOs for their own use, view ones other employees have created, or share ones so others can view and use them. Users' ability to perform any of these tasks depends on the permissions they and others have been granted by their administrator.

If users have the ability to share UDOs, the Request to Publish icon displays, which they click to submit the UDO for your approval or rejection. You approve or reject UDOs using the Work with User Defined Objects application (P98220U).

For more information about certain UDOs, see the following guides:

- *JD Edwards EnterpriseOne Tools Composite Application Framework (CafeOne) User's Guide*
- *JD Edwards EnterpriseOne Applications One View Reporting User Guide*
- *JD Edwards EnterpriseOne Applications One View Watchlists Implementation Guide*
- *JD Edwards EnterpriseOne Tools Orchestrator Guide for Studio Version 8 and Prior*
- *JD Edwards EnterpriseOne Tools Object Management Workbench for the Web Guide*

Understanding User Permissions

Users who have the appropriate permissions may request to share UDOs with other users who also have appropriate permissions. To do so, they click the Request to Publish button on the UDO interface. The UDO is shared with other users once you have approved it. The Work with User Defined Objects application enables you to approve or reject the UDO.

For more information on user permissions, see the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

If you reject a UDO, the user receives a message in the JD Edwards EnterpriseOne Work Center. JD Edwards EnterpriseOne enables you to type a message to the user that explains why you rejected the UDO. Users can make changes and resubmit the UDO for approval.

Understanding UDO Statuses

In the Work with User Defined Objects application, each UDO has statuses assigned to it either by EnterpriseOne, or by you, an approver.

Note: You can approve or reject only those UDOs with Pending Approval or Pending Promote statuses.

The following list contains the UDOs status you see in the Work with User Defined Objects application, and the user action that assigned that status:

- Editing - The user has reserved this UDO after clicking Request to Publish.
- Pending Approval - The user has clicked Request to Publish.
- Pending Promote - You have requested to promote the UDO in OMW.
- Shared - You have approved the UDO.
- Rework - You have rejected the UDO.
- Pending Delete - You have deleted the UDO but it has not yet been removed from the system.

Performing Approval and Rejection Tasks for UDOs

Approving a UDO makes it shared among users with appropriate permissions. When you reject a UDO, you can send a message to the users Work Center explaining why you rejected the UDO. Users can then modify the UDO and resubmit it for approval.

Searching for UDOs

EnterpriseOne enables you to search for UDOs in more than one way.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To search for UDOs

1. From the User Defined Object Status drip-down menu, select a UDO status on which you want to search.
2. From the User Defined Object Type drop-down menu, select the type of UDO on which you want to search.
3. Click Find.

   EnterpriseOne will search for both the UDO status, and the UDO type you have selected.

You can also:

1. Click one of the following options to combine the search results with the criterion you have selected in the previous steps. The two sets of search criterion must be conducive; for example, you cannot search for conflicting UDO statuses, like Editing and Shared. If you have not selected a UDO status or a UDO type select one of the options:

   - All User Defined Objects
   - Shared User Defined Objects
   - Reserved User Defined Objects

2. Click Find if necessary.

You can also:

1. Enter search information into the QBE field.
2. Click Find.

Previewing UDOs

If you want to see a UDO before you approve it, you can view the UDO in preview mode.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To preview UDOs

1. Search for a UDO.
2. Select the UDO you want to preview, click the Row exit, and then click Preview.

You can also:

1. Click the blue text located in the Short Description field.

Approving UDOs

You approve a UDO to share it with users who have share permissions.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To approve UDOs

1. Search for a UDO.
2. Select the UDO you want to approve.
3. From the Row exit, select Approve / Share.
4. On the Confirm Approve and Share message, click OK.

The status has changed to Shared.

Rejecting UDOs

When you reject a UDO, the user who requested it be published is notified in their work center that you have rejected the UDO. They can edit it and resubmit it for approval.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To reject UDOs

1. Search for a UDO.
2. Select the UDO you want to reject.
3. From the Row exit, select Reject.
4. On the Rejection Notification for <UDO name>, type the reason you have rejected the UDO, and then click OK.

EnterpriseOne sends the notification to the user's Work Center.The status has changed to Rework.

Sharing and Approving Pre-Created UDOs

With Application Release 9.2, pre-created UDOs shipped with EnterpriseOne are included in the installation with the Central Objects path code. In order to use the pre-created UDOs, you must Approve/Share them.

Note: EnterpriseOne Release 9.2 converts UDOs that users created in releases 9.0 and 9.1 to a new format.

To share the pre-created UDOs:

1. Open P98220U and select Pending Promote from the User Defined Object Status drop-down menu.

   If you want to share One View reporting UDOs, you must first configure the Business Intelligence Server. See *"Installing One View Reports"* in the *JD Edwards EnterpriseOne Tools One View Administration Guide* .
2. Click Find.
3. Select the records you want to Approve or Share, click the Row exit, and then click Approve/Share.
4. Sign out and sign back in to JD Edwards EnterpriseOne for the reports to appear in the applications.

   Note: Signing in and signing out of JD Edwards EnterpriseOne refreshes the security cache and loads the new shared UDOs.

Using Advanced Options

This section describes additional features in the Work with User Defined Objects applications.

Request to Publish

Request to Publish works the same way in the Work with User Defined Objects application as it works for end users. You click request to Publish from the Advanced menu when you want other users to be able to view and use a UDO that you have created.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To Request to Publish a UDO

1. Click the Row button, select Advanced, and then click Request to Publish.

   You can only request to promote UDOs with Rework and Editing statuses.

Cancel Publish Request

If you have requested to publish a UDO, and no longer want to, you can cancel the request by selecting Cancel Publish Req.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To cancel a published request

1. Click the Row button, select Advanced, and then click Cancel Publish Req.

View Dependencies at Object Level

Some UDOs are comprised of multiple parts. For example, to create a watchlist UDO, a user must first create an advanced query UDO, on which to build the watchlist threshold criteria. To approve a dependent UDO, both parts must have their statuses in sync.

The View Dependency form (W98700DA) provides detailed information of the object dependencies for UDOs such as watchlist, Composite Application Framework (CafeOne), composite page (Release 9.2.3), form extension (Release 9.2.3.3), orchestration (Release 9.2.5.3), and notification (Release 9.2.5.3).

> **Note:** (Release 9.2.3.3) For form extension, you can only view dependency information about the orchestrations that are associated with events from the Associate Orchestrations wizard.

For example:

- For watchlist, you can view the information of the dependent query.
- For composite page, you can view the information of the UDOs or other general EnterpriseOne objects embedded in the composite page.
- For Composite Application Framework (CafeOne), you can view the information of the EnterpriseOne application embedded in the CafeOne layout.
- (Release 9.2.3.3) For form extension, you can view information about the dependent orchestrations that are associated with the form extension.
- (Release 9.2.5.3) For orchestrations and notifications, you can view information about the dependent components such as orchestrations, notifications, form requests, rules, and so on.

  > **Note:** You can view dependency information of *only* the orchestration and notification components that were created in the Orchestrator Studio and you *cannot* view dependency information of the OMW objects associated with the orchestration components. For example, if an orchestration has a message request as one of its components and the message request has a link to an application that has a form extension associated with it, the form extension will not be displayed as a dependent object for the orchestration on the View Dependency form. However, the applications, personal forms, or watchlists that are directly specified in the message will be displayed as dependent objects.

> **Note:** Click here to view a recording of this feature.

To view UDO dependencies:

1. Navigate to Work with User Defined Objects (P98220U).
2. Search for and select the UDO for which you want view dependencies.

3. Click the Row button, select Advanced, and then click View Dependencies.

   Alternatively, access Object Management Workbench - Web (P98220W). In the Object grid, select the UDO for which you want view dependencies, and then from the More Row Actions drop-down menu, select View Dependencies. (Release 9.2.3)

   The View Dependency form displays.
4. The Calling Object field displays the system-generated number associated with the UDO that calls the dependent UDO.
5. You can further refine your search by entering the Object User and the Called Object information into the respective fields, and then clicking Find.

   If there is a dependent UDO, it displays in the grid.

   The following list describes the grid columns:

   - Calling Objects – The system-generation number that identifies the UDO that calls the dependent UDO. If you click the number in this column, EnterpriseOne provides the property information of the calling object.
   - Calling Description – The user-defined description of the calling UDO.
   - Calling Type – The user-selected UDO type of the calling UDO.
   - Called Object – The UDO that is called by the calling UDO.
   - Called Description – The user-defined UDO description of the called UDO.
   - Called Type – The user-selected type of the called UDO.
   - Object User – The user ID for the UDO creator.

View Dependencies at Project Level (Release 9.2.3)

Dependency chains are created between the calling and called objects. When an object uses one or more other objects, there is object dependency. OMW Web establishes object relationships for objects placed on a project.

The Work with Project Object Dependencies application (P98700D) enables you to view the first level dependency information for all of the objects in a project. This application generates the dependency records for the project objects in real time and saves the dependency records in the F98700D table. You can view the dependency information for UDOs such as Watchlist, Composite Application Framework (CafeOne), Composite Page, and (Release 9.2.3.3) Form Extension (only for orchestrations associated with events from the Associate Orchestrations wizard). You can also find out the EnterpriseOne page that is called by an External Form.

To view object dependencies in a project:

1. Access Object Management Workbench - Web (P98220W).
2. In the Project grid, select the project for which you want view dependencies.

   Note: The UDOs must be Shared for *PUBLIC or should be at the Editing status for personal or reserved UDOs.

3. Select View Dependencies from the Row menu, Advanced. The Work with Project Object Dependencies application displays.
4. In Work with Project Object Dependencies, the Object Management Project Name field displays the project ID for which the dependency information is listed. You can view the user ID of the UDO creator and the path code that you are signed in to.

The system automatically generates the dependency information in real time and displays it in the grid. If the dependency information already exists, the system displays the existing dependency information in the grid. Therefore, the performance of the application is not affected when a project is viewed multiple times.

> **Note:** You cannot edit the Web Object User field; *PUBLIC is the default value.

5. If there is a dependent UDO, it displays in the grid.

   The following list describes the grid columns:

   - OMW Object Name - The UDO that calls the dependent UDO. If you click the object name in this column, the View Dependency form (W98700DA) displays the parent child tree of the calling to called object relationship. The View Dependency form provides second level dependency information of the calling object. See, View Dependencies at Object Level.
   - Calling Objects Description - The user-defined description of the calling UDO. If you click the object description in this column, you can view the UDO in preview mode.
   - Object Type - The user-selected UDO type of the calling UDO.
   - Called Object - The object that is called by the calling UDO.
   - Called Object Description - The user-defined description of the called object.
   - Called Type - The user-selected type of the called object.

The Work with Project Object Dependencies application enables you to export the dependency details of all or selected UDOs to Microsoft Excel, a Comma Separated Values file, or to clipboard.

Using the Work with Project Object Dependency application, you can initiate the following actions from the Form menu:

Validate Project

Use the Validate Project option to ensure dependency validation of the object relationship. This enables you to validate a project to ensure all the dependent objects are available at the specified path code and shared.

To validate a project:

1. Access the Work with Project Object Dependencies application.
2. In the Object Management Project Name field, enter the ID of the project that you want to validate and then click Find.
3. Select Validate Project from the Form menu.

   The OMW Project Transfer Validation form displays with the project name and the path code for which the validation is performed.
4. Click OK.

The system validates the project if all of the dependent objects are in available in project. An error message is displayed if any of the called objects are missing.

Approve Promote

Use this option to mass approve and share the objects in a project from within the Work with Project Object Dependency application.

Dependency information is generated for Shared UDOs at run time. If certain UDOs are not shared in a project, you can use Approving Promote to approve and share all the UDOs, which are at the web object status of 07-Pending Promote in a project.

To approve the pending objects:

1. Access the Work with Project Object Dependencies application.
2. In the Object Management Project Name field, enter the ID of the project for which you want to approve and share the objects
3. Click Find.
4. Select Approve Promote from the Form menu.
5. On the Confirm Approve and Share message, click OK.

The system approves the project objects, generates the dependency information of the calling and called objects, and then displays it in the grid.

The Approve Promote option uses the grid rows and scrolling to end in the grid loads the entire project objects. When you click the Next button in the grid header bar to fetch the next set of records, the "Dependent Object Not Shared" error message displays. Using the Approve Promote option would then work on those rows with errors in the grid or the dependent UDOs after the initial project object is Shared.

Rebuild Dependency

Use the Rebuild Dependency option to rebuild the dependency information for the objects. When the dependency records are missing for an object or the object has changed since the previous dependency records were generated, the system generates the dependency information for the object. If the dependency information exists, the system deletes the dependency records, and once again generates the dependency records.

To rebuild dependencies:

1. Access the Work with Project Object Dependencies application.
2. In the Object Management Project Name field, enter the ID of the project for which you want to rebuild the dependencies and then click Find.
3. Select Rebuild Dependency from the Form menu.

The system generates the dependency records and displays it in the grid.

Logging

Project logs identify all of the actions that end-users and approvers performed on a UDO.

Navigate to Work with User Defined Objects: On the EnterpriseOne Welcome page, select the Navigator menu, EnterpriseOne Life Cycle Tools, EnterpriseOne Life Cycle Tools, System Administration Tools, User Defined Object Tools, User Defined Object Administration (P98220U).

To view logs

1. Select a project in the Project Grid.
2. Click the Row Exit, select Advanced, and then click Logging.
3. The Work with Object Logs form displays.
4. The Object Name and Project Name fields are populated with the appropriate information from the project you selected.

You can delete this information and add different project and object names, if you want to search for information other than what you have selected.

Security

Click the Row Exit, select Advanced, and then click Security.

If you do not have permissions to access the Work with User Defined Object View Security (P00950UO) form, you will not see this option.

See the *Managing Security for User Defined Objects* chapter in the *JD Edwards EnterpriseOne Tools Security Administration Guide* .

Translations

Most UDOs have object-level translations available for their name and long description. Some UDOs also have other content that can be translated. For more information about UDO translation, see *"Translations" in the JD Edwards EnterpriseOne Tools Translation Tools Guide* .

11 Appendix A - System Administrator and Designer Tasks for Classic EnterpriseOne Pages

Designer Tasks for EnterpriseOne Pages

This section contains the following topics:

- *Adding One View Reporting (OVRs) to EnterpriseOne Pages*
- *Adding Portlets to EnterpriseOne Pages*
- *Understanding Embedded EnterpriseOne Pages*
- *Kiosk Mode*

Adding One View Reporting (OVRs) to EnterpriseOne Pages

To add OVRs to an EnterpriseOne Page (also referred to as Classic Page in EnterpriseOne Tools release 9.2.0.2):

1. In an HTML editor, open the EnterpriseOne home.html page to which you want to add an OVR.
2. Use the following sample text strings and OVR ID and enter it in the HTML code:

   /jde/ShortcutLauncher?TaskId=MHOVRTASK1"
3. Save the EnterpriseOne Page.
4. View the EnterpriseOne Page.

> **Note:** One View reports and the queries upon which they may be based are both user defined objects (UDOs). UDOs must be shared for other users to access them. Users must also have the appropriate permissions to view them. For more information on approving and sharing UDOs, see *UDO Permissions and Statuses Overview*. For more information on UDO security, see the *JD Edwards EnterpriseOne Tools Security Administration Guide .*

Adding Portlets to EnterpriseOne Pages

You can add portlets to EnterpriseOne Pages, though only Form Design Aid (FDA) portlets are supported. Portlets enable you to interact with an application without having the application open.

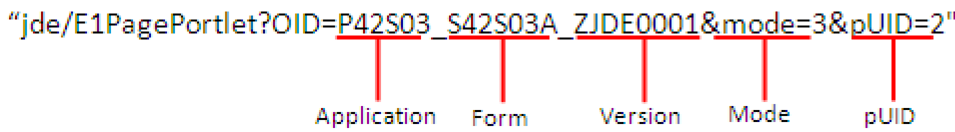
EnterpriseOne Pages are not intended to completely replace functionality found in an actual portal implementation such as WebCenter Spaces or WebSphere Portal. Form interconnects function differently in EnterpriseOne Pages. The initial EnterpriseOne portlet application and form that is displayed in the EnterpriseOne Page provides a launching mechanism with one-way communication into subsequent form interconnects. The EnterpriseOne Page support for EnterpriseOne portlet applications does not include returning data or other information back to the initial EnterpriseOne portlet application and form.

To add an FDA portlet to an EnterpriseOne Page:

1. In an HTML editor, open the EnterpriseOne home.html page to which you want to add a portlet.

2. In the HTML code, search for "/jde/E1PagePortlet?OID=.

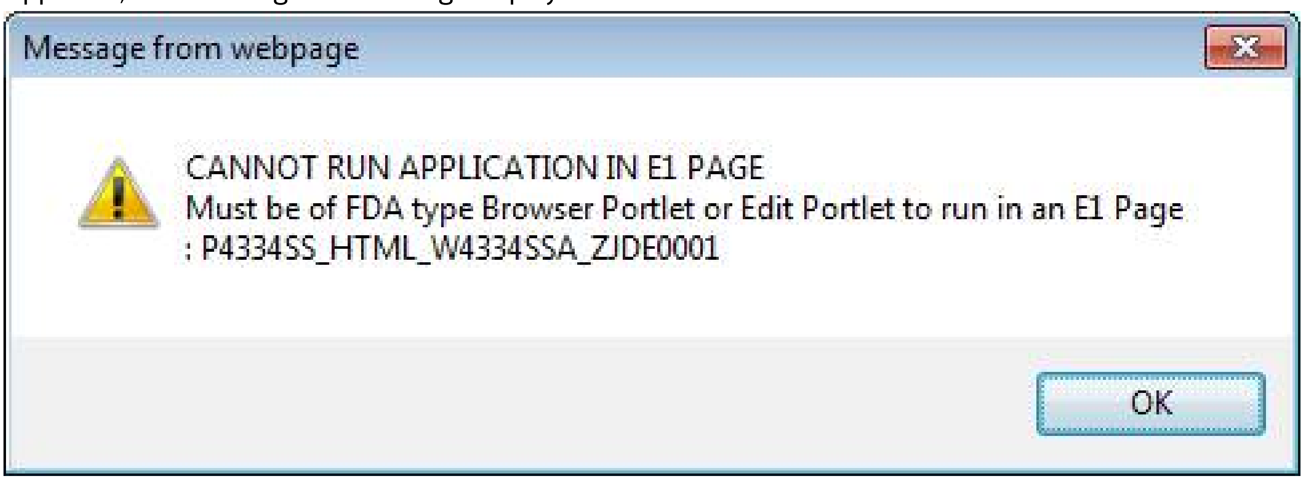
   The graphic below shows an example of portlet values in an EnterpriseOne Page. These values are the ones you add to create your own portlets.



> **Note:** You do not need to include a pUID number unless you have the same portlet on an EnterpriseOne Page more than once. The number provides distinction between the portlets. If you do not include a number and have two or more of the same portlets, when you change one portlet, the other portlet will reflect the changes as well.

3. Save the EnterpriseOne Page.
4. View the EnterpriseOne Page.

> **Note:** EnterpriseOne Pages only support FDA portlets. If you have entered portlet values that are not supported, the following error message displays:



Understanding Embedded EnterpriseOne Pages

Embedded EnterpriseOne Pages enables users to work on multiple EnterpriseOne applications by simply switching to different EnterpriseOne Pages. Embedded Enterprise One Pages display as tabs located at the top of the EnterpriseOne interface. Applications launched from these EnterpriseOne Pages do not contain a Close button. Instead, users navigate away from the application by clicking other EnterpriseOne Pages located at the top of the screen. When a user navigates away from an application in an Embedded Page, EnterpriseOne saves any information they have already entered, so when they return, their information remains as they left it.

Use the following syntax to denote that the EnterpriseOne Page you are creating is an Embedded EnterpriseOne Page.

/jde/EmbeddedE1FormPageLaunch?OID=application information

With EnterpriseOne Tools release 9.2.0.2 and the introduction of Page Composer, you must append the following to the end of each Embedded EnterpriseOne Page's URL:

&embededInCompositePage=true

You may also want to use Page Composer to create the embedded pages instead. See *Composed EnterpriseOne Pages (Release 9.2.0.2)* in this guide.

The following list contains samples that support the Embedded EnterpriseOne Page:

- /jde/EmbeddedE1FormPageLaunch?OID=P30200_W30200C_ZJDE0001&FindOnEntry=true&FormQueryId=NONE&FormDSTmpl=|8|9|10|11|15|&FormDSData=|60011| M30||3.0000|EA|&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P01012_W01012B_ZJDE0001&FindOnEntry=true&FormQueryId=0a192767-26d8-4f5d-9a98-ba55f9a5e5ce&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P0901_W0901H_ZJDE0001&FindOnEntry=true&FormQueryId=NONE&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P01012_W01012B_ZJDE0001&FindOnEntry=false&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P98MOQUE_W98MOQUEA&FindOnEntry=true&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P05PTLET_S05PTLETA&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P01012_W01012A_ZJDE0001&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P01012_W01012A_ZJDE0003&FindOnEntry=true&FormDSTmpl=|5|12|13|14|15|16|17|18|19|20|21|22|23|&FormDSData=||1|||||||||||&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P4210_W4210E_ZJDE0001&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=P982400_W982400A&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?OID=PMODAL_WMODALA&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?TaskId=3/G01&embededInCompositePage=true
- /jde/EmbeddedE1FormPageLaunch?TaskId=1/G05BE1&embededInCompositePage=true

Kiosk Mode

Kiosk mode is a way to designate a JAS port so that all users on that port are running in Simplified Navigation mode, regardless of the User or Role Simplified setting.

To assign Kiosk mode to a JAS server:

1. Access Server Manager.
2. In the Configuration section, select the Advanced from the View menu.
3. Locate the appropriate JAS.ini file, and change the Force KIOSK setting to True.