Oracle
Primavera Unifier Essentials
Data Reference Guide

April 2025

Oracle Primavera Unifier Essentials Data Reference Guide

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Contents

Introduction

The *Unifier Essentials Data Reference Guide* provides details about data elements, UDR data types, codes for importing user records, pickers or selection lists, and a dictionary.

All users should read this guide.

Data Elements (DEs)

This section contains the predefined Data Elements (DEs) you receive with the system.

To see the DEs:

1) Go to the **Company Workspace** tab and switch to **Admin** mode.
2) In the left Navigator, select **Data Structure Setup**, and then select **Data Elements**.

The data elements are divided into topics for each manager, as well as a topic for global data elements that can be used for almost any Business Process (BP), or Attribute, form.

At the end of this section an alphabetical listing of all the data elements is provided.

Each topic includes descriptions of the data elements and where they are used.

For information on creating new data elements (DEs), refer to the *Unifier uDesigner User Guide*.

The following sections list the forms on which each element can be used.

> **Note**: Using these definitions on forms not listed here can result in unexpected behavior in the system.

In This Section

Activity Sheet Manager

uuu_activity_constraint_type

Data Definition: Activity Constraint Type

Form Label (Field Label): Activity Constraint Type

# of Characters:50

Where to use it: Activity Sheets and Business Processes

Use this element for: Showing the constraints available at the activity level.

uuu_activity_early_finish

Data Definition: Date Only Picker

Form Label (Field Label): Early Finish

# of Characters: Not applicable

Where to use it: Activity Sheets and Business Processes

Use this element for: Capturing the early finish date of the activity for float calculation.

uuu_activity_early_start

Data Definition: Date Only Picker

Form Label (Field Label): Early Start

# of Characters: Not applicable

Where to use it: Activity Sheets and Business Processes

Use this element for: Capturing the early start date of the activity for float calculation.

uuu_activity_late_start

Data Definition: Date Only Picker

Form Label (Field Label): Late Start

# of Characters: Not applicable

Where to use it: Activity Sheets and Business Processes

Use this element for: Capturing the late start date of the activity for float calculation.

uuu_activity_late_finish

Data Definition: Date Only Picker

Form Label (Field Label): Late Finish

# of Characters: Not applicable

Where to use it: Activity Sheets and Business Processes

Use this element for: Capturing the late finish date of the activity for float calculation.

uuu_activity_successor

Data Definition: SYS Description Text 2000

Form Label (Field Label): Successor

# of Characters: 2000

Use this element for: Displaying the successor activities for the selected activity.

uuu_P6ActivityCalendar

Data Definition: SYS Activity Calendar

Form Label (Field Label): Activity Calendar

# of Characters: Not applicable

Where to use it: Activity Sheets (Activity Attributes)

Use this element for: Selecting an individual calendar for each calendar from a list of defined calendars in custom calendars node.

uuu_P6ActivityId

Data Definition: SYS Short Description Text 40

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Activity ID data from P6.

uuu_P6ActivityName

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Activity Name data from P6.

uuu_P6ActivityStatus

Data Definition: SYS Short Description Text 50

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Activity Status data from P6

uuu_P6ActivityType

Data Definition: SYS Short Description Text 50

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Activity Type data from P6

uuu_P6ActualCost

Data Definition: Currency Amount

Field Label: Actual Cost

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the actual cost consumed for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ActualDuration

Data Definition: Decimal Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Actual Duration data from P6

uuu_P6ActualFinish

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Actual Finish data from P6

uuu_P6ActualStart

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Actual Start data from P6

uuu_P6ActualTotalCost

Data Definition: Currency Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Actual Total Cost data from P6

uuu_P6ActualTotalUnits

Data Definition: Decimal Amount

Field Label: Actual Total Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the total number of actual units consumed for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ActualUnits

Data Definition: Decimal Amount

Field Label: Actual Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the number of actual units consumed for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6AtCompletionCost

Data Definition: Currency Amount

Field Label: At Completion Cost

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the at completion cost required for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6AtCompletionDuration

Data Definition: Decimal Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Completion Duration data from P6

uuu_P6AtCompletionTotalCost

Data Definition: Currency Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing At Completion Total Cost data from P6

uuu_P6AtCompletionTotalUnits

Data Definition: Decimal Amount

Field Label: At Completion Total Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the total number of at completion units required for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6AtCompletionUnits

Data Definition: Decimal Amount

Field Label: At Completion Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the number of at completion units required for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6BAC

Data Definition: Currency Amount

Field Label: Budget At Completion

# of Characters: Not applicable

Where to use it: Activity Attributes form

Use this element for: capturing the budget at completion for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6CBSCode

Data Definition: SYS Short Description Text 40

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

> **Note**: The P6 UI does not allow CBS Code to be more than 20 characters. The P6 Database stores the CBS Code field as Varchar (40 characters).

Where to use it: Activity Attribute Form.

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing CBS Code data from P6.

uuu_P6CBSName

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Attribute Form.

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing CBS Name data from P6.

uuu_P6CBSPath

Data Definition: SYS Description Text 500

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

> **Note**: The P6 UI does not allow the CBS Name to be greater than 100 characters.

Where to use it: Activity Attribute Form.

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing CBS Path data from P6

uuu_P6ControlAccounts

Data Definition: SYS Check Box

Field Label: Control Accounts

# of Characters: Not applicable

Where to use it: Activity Sheet (WBS attributes)

Use this element for: To indicate if the WBS is a control account

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6CostVariance

Data Definition: Currency Amount

Field Label: Cost Variance

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the cost variance for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6CPIndex

Data Definition: Decimal Amount

Field Label: Cost Performance Index

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the Cost Performance Index for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6CSIndex

Data Definition: Decimal Amount

Form Label (Field Label): Cost Schedule Index

# of Characters: Not applicable

Where to use it: Activity Sheet

Use this element for: Checking the overall status of the cost schedule by combining cost and schedule.

uuu_P6Duration

Data Definition: Decimal Amount

Form Label (Field Label): Duration

# of Characters: Not applicable

Where to use it: Activity Sheet and Business Processes

Use this element for: Calculating the duration between start and finish dates.

uuu_P6EAC

Data Definition: Currency Amount

Field Label: Estimate At Completion

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the estimate at completion cost for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6EACCost

Data Definition: Decimal Amount

Form Label (Field Label): Estimate at Completion Cost

# of Characters: Not applicable

Where to use it: Activity Sheet and Business Processes

Use this element for: Populating the Estimate at Completion cost used for Earned Value Management analysis.

uuu_P6ETC

Data Definition: Currency Amount

Field Label: Estimate To Completion

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the estimate to completion for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ETCUserValue

Data Definition: Decimal Amount

Form Label (Field Label): ETC User Value

# of Characters: Not applicable

Where to use it: WBS Attributes

Use this element for: Calculating ETC from user entered value.

uuu_P6EVCost

Data Definition: Decimal Amount

Form Label (Field Label): Earned Value Cost

# of Characters: Not applicable

Where to use it: Activity Attributes and Business Processes

Use this element for: Populating the Earned Value Cost used for Earned Value Management analysis.

uuu_P6Finish

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it:

▸ Spreads
▸ Activity Attribute Form.
▸ Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Finish data from P6

uuu_P6PercentComplete

Data Definition: Decimal Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Percent Complete data from P6

uuu_P6PerfPercComplete

Data Definition: SYS Short Description Text 50

Form Label (Field Label): Performance Percent Complete

# of Characters: 50

Where to use it: Activity Sheet

Use this element for: Calculating earned value based on the performance percent complete.

uuu_P6PlannedCost

Data Definition: Currency Amount

Field Label: Planned Cost

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the planned cost for an assignment to be consumed corresponding to the activity.

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6PlannedDuration

Data Definition: Decimal Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Planned Duration data from P6

uuu_P6PlannedStart

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Planned Start data from P6

uuu_P6PlannedFinish

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Planned Finish data from P6

uuu_P6PlannedTotalCost

Data Definition: Currency Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Planned Total Cost data from P6

uuu_P6PlannedTotalUnits

Data Definition: Decimal Amount

Form Label (Field Label): Planned Total Units

# of Characters: Not applicable

Where to use it: Activity Sheet

Use this element for: Capturing the total number of planned units required for an activity.

uuu_P6PlannedUnits

Data Definition: Decimal Amount

Field Label: Planned Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignment attributes)

Use this element for: capturing the number of planned units for an assignment item to be consumed corresponding to the activity.

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6PricePerUnit

Data Definition: Integer Amount

Field Label: Price/Unit

# of Characters: Not applicable

Where to use it: Activity Sheet (Role attributes), Rate Sheet (Rate attributes)

Use this element for: capturing the price per unit for an assignment in activity sheet or role/resource in rate sheet

Behavior: This data element will be present in out of the box sheets mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6PrimaryConstraint

Data Definition: SYS P6 Activity Constraints

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Attribute Form.

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Primary Constraint data from P6

uuu_P6PV

Data Definition: Currency Amount

Field Label: Planned Value

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the planned value cost for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6PVCost

Data Definition: Currency Amount

Form Label (Field Label): Planned Value Cost

# of Characters: Not applicable

Where to use it: Activity Sheet

Use this element for: Capturing the portion of the baseline total cost of the activity or project that is scheduled to be completed as of the project date.

uuu_P6RateCurrency

Data Definition: Currency Picker

Field Label: Rate Currency

# of Characters: Not applicable

Where to use it: Rate Sheet (Role attributes), Rate Sheet (Resource attributes)

Use this element for: Capturing the currency in which the rates of a role or resource are defined.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, it can be marked as 'Editable', 'Required' or 'Read-only').

uuu_P6RateEffectiveFrom

Data Definition: Date Picker

Field Label: Effective From

# of Characters: Not applicable

Where to use it: Rate Sheet (Rate attributes)

Use this element for: Capturing the effective date of a price per unit. Multiple effective from dates are supported by creating a tabular format where in which multiple entries for multiple rates with different dates are added.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, it can be marked as 'Editable', 'Required' or 'Read-only').

uuu_P6RemainingCost

Data Definition: Currency Amount

Field Label: Remaining Cost

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignments attributes)

Use this element for: capturing the remaining cost for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6RemainingDuration

Data Definition: Decimal Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Remaining Duration data from P6

uuu_P6RemainingEarlyFinish

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Remaining Early Finish data from P6

uuu_P6RemainingEarlyStart

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes), Activity Sheet (Assignment attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Remaining Early Start data from P6

uuu_P6RemainingTotalCost

Data Definition: Currency Amount

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Sheet (Activity attributes)

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Remaining Total Cost data from P6

uuu_P6RemainingTotalUnits

Data Definition: Decimal Amount

Field Label: Remaining Total Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the number of remaining units for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6RemainingUnits

Data Definition: Decimal Amount

Field Label: Remaining Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Assignments attributes)

Use this element for: capturing the number of remaining units for an assignment corresponding to the activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ResourceName

Data Definition: SYS Short Description Text 32

Field Label: Resource Name

# of Characters: 32

Where to use it: Activity Sheet (Assignment attributes), Rate Sheet (Resource attributes)

Use this element for: capturing the Resource Name

Behavior: This data element will be present in out of the box sheets mentioned above. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ResourceStatus

Data Definition: SYS Resource Status

Field Label: Resource Status

# of Characters: Not applicable

Where to use it: Rate Sheet (Resource attributes)

Use this element for: capturing the Resource Status

Behavior: This data element will be present in out of the box sheet mentioned above. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6RoleID

Data Definition: SYS Short Description Text 8

Field Label: Role ID

# of Characters: 8

Where to use it: Activity Sheet (Assignment attributes), Rate Sheet (Role attributes)

Use this element for: capturing the Role ID

Behavior: This data element will be present in out of the box sheets mentioned above. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6RoleName

Data Definition: SYS Short Description Text 32

Field Label: Role Name

# of Characters: 32

Where to use it: Activity Sheet (Assignment attributes), Rate Sheet (Role attributes)

Use this element for: capturing the Role Name

Behavior: This data element will be present in out of the box sheets mentioned above. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6RoleStatus

Data Definition: SYS Role Status

Field Label: Role Status

# of Characters: Not applicable

Where to use it: Rate Sheet (Role attributes)

Use this element for: capturing the Role Status

Behavior: This data element will be present in out of the box sheet mentioned above. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6ScheduleVariance

Data Definition: Currency Amount

Field Label: Schedule Variance

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the schedule variance for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6SecondaryConstraint

Data Definition: SYS P6 Activity Constraints

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it: Activity Attribute Form.

Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Secondary Constraint data from P6

uuu_P6SPIndex

Data Definition: Decimal Amount

Field Label: Schedule Performance Index

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the Schedule Performance Index for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6Start

Data Definition: Date Picker

Form Label (Field Label): Is picked from the specifications

# of Characters: Is picked from the specifications (DD of the field)

Where to use it:

▸ Spreads
▸ Activity Attribute Form.
▸ Similar to other regular Data Element of its Data Definition, it can be placed in any form.

Use this element for: Capturing Start data from P6

uuu_P6TCPIndex

Data Definition: Decimal Amount

Field Label: To Complete Performance Index

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: Capturing the To Complete Performance Index for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6TotalActualUnits

Data Definition: Decimal Amount

Field Label: Total Actual Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the total number of actual units consumed for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6TotalAtCompletionUnits

Data Definition: Decimal Amount

Field Label: At Completion Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the total number of at completion units required for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6TotalPlannedUnits

Data Definition: Decimal Amount

Field Label: Total Planned Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the total number of planned units for an activity.

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6TotalRemainingUnits

Data Definition: Decimal Amount

Field Label: Total Remaining Units

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity attributes)

Use this element for: capturing the total number of remaining units for an activity

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6VAC

Data Definition: Currency Amount

Field Label: Variance At Completion

# of Characters: Not applicable

Where to use it: Activity Sheet (Activity Attributes)

Use this element for: capturing the variance at completion for cost loaded schedule. This will be calculated for a resource loaded schedule.

Behavior: This data element will be present in out of the box sheet mentioned above. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6WBSCategory

Data Definition: SYS Long Name

Field Label: WBS Category

# of Characters: 250

Where to use it: Activity Sheet (WBS attributes)

Use this element for: capturing the WBS category present in P6

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6WorkPackage

Data Definition: SYS Check Box

Field Label: Work Package

# of Characters: Not applicable

Where to use it: Activity Sheet (WBS attributes)

Use this element for: To indicate if the WBS is a Work Package

Behavior: This data element will be present in out of the box Activity Sheet. It should always be 'Read-only' and its value will always be populated from P6 via integration. DE can be placed on any other form and should behave like a custom DE on those forms (that is, can be marked as Editable, Required, or Read-only).

uuu_P6WBSPath

Data Definition: SYS Long Description Text

Form Label (Field Label): WBS Path

# of Characters:500

Where to use it: Activity Sheet (WBS attributes)

Use this element for: Populating the WBS hierarchy path of a WBS code.

Work Breakdown Structure (WBS)

The following lists the WBS Data Elements (DEs).

uuu_P6ETCComputeType

Data Definition: SYS Short Description Text 50

Field Label: ETC Technique

# of Characters:

Where to Use it: Activity Sheet, WBS Sheet

Use This Element For: Defining ETC formula for Activities

Behavior: Disabled and Read-only in Activity Sheet grid and General tab

uuu_P6WBSCode

Data Definition: SYS Short Description Text 40

Field Label: WBS Code

# of Characters: Not applicable

Where to Use it: This element is used in WBS Sheet.

Use This Element For: To uniquely identify the WBS Code

Behavior: Editable on Sheet grid and form view

uuu_P6WBSName

Data Definition: SYS Short Description Text 120

Field Label: WBS Name

# of Characters:

Where to Use it: CBSWBS BP and Activity Sheet

Use This Element For: Defining name for WBS Codes

Behavior: Editable in WBS Sheet grid and General tab

uuu_P6WBSType

Data Definition: SYS Short Description Text 250

Field Label: WBS Type

# of Characters:

Where to Use it: WBS Sheet and CBSWBS BP

Use This Element For:

Behavior:

Configurable Shells DEs

The following data elements appear on **Shell Detail** forms.

uuu_administrator

Data Definition: User Picker

Form Label (Field Label): Administrator

# of Characters: Not applicable

Where to use it:

- ▸ Configurable Shell Attribute Forms
- ▸ Shell Attribute Form
- ▸ Shell detail form
- ▸ Upper or detail form of a Project/Shell Creation BP

Use this element for: Selecting the administrator of a shell.

uuu_location

Data Definition: Location Picker

Form Label (Field Label): Location

# of Characters: Not applicable

Where to use it: Shell detail form; cannot be used on an anchor shell (a single-instance shell)

Use this element for: Specifying the hierarchy between shells.

From this picker, the user picks the parent shell under which a sub-shell should be created.

This element will display the complete path location of the shell.

Cost Manager DEs

The following data elements appear on the business processes and attribute forms for the **Cost Manager**.

Cost Attribute Forms DEs

The following data elements appear on the **Cost Attribute Forms**.

uuu_cost_cost_type

Data Definition: SYS Cost Type

Form Label (Field Label): Cost type

# of Characters: 32

Where to Use it: Cost Attribute Forms

Use this element for: Entering a cost code type (expense/capital)

uuu_cost_costattribute

Data Definition: Cost Attribute Picker

Form Label (Field Label): Cost Attribute

# of Characters: 32

Where to Use it: Cost Attribute Forms

Use this element for: Entering cost attribute information. The data set for this element comes from the Cost Attribute data definition.

uuu_cost_description

Data Definition: SYS Description Text 500

Form Label (Field Label): Description

# of Characters: 500

Where to Use it: Cost Attribute Forms

Use this element for: 500

uuu_cost_external_refid

Data Definition: Short Description Text

Form Label (Field Label): External Ref. ID

# of Characters: 120

Where to Use it: Cost Attribute Forms

Use this element for: Entering an external reference number for a CBS code.

uuu_cost_exposed_to_p6

Data Definition: SYS Checkbox

Form Label (Field Label): Shared with External System

# of Characters: Not applicable

Where to Use it: Cost Attribute Form

Use this element for: The integration interface to identify which CBS codes should be exposed to P6 Schedule Activities/Resources Assignments.

This DE is required if you are integrating CBS Codes with P6.

This DE helps to identify whether a CBS code should be exposed to P6 Schedule.

This is not a required DE for a Cost Attribute Form.

If you place this DE on a Cost Attribute Form, ensure that the DE is marked as Editable.

This element can be placed on any other form (a custom checkbox) and can be marked as Required or Read-only.

uuu_cost_imported_from_p6

Data Definition: SYS Checkbox

Form Label (Field Label): Imported from External System

# of Characters: Not applicable

Where to Use it: Cost Attribute Form

Use this element for: Identifying which CBS Codes in the Cost Sheet are created via integration.

This DE is required if you are integrating CBS Codes with P6.

This DE helps to identify whether a code is integrated with P6 or manually created.

This is not a required DE for a Cost Attribute Form.

If you place this DE on a Cost Attribute Form, ensure that the DE is marked as Read-Only.

The value for this DE is populated via integration.

This element can be placed on any other form (a custom checkbox) and can be marked as Editable, Required, or Read-only.

uuu_cost_item

Data Definition: SYS Short Description Text 120

Form Label (Field Label): CBS Item

> **Note**: WBS changes to CBS only for Labels and System Strings. For existing customers, by default, WBS does not change to CBS for the Data Structure Data Element labels such as "WBS code" and "WBS item."

# of Characters: 120

Where to Use it: Cost Attribute Forms

Use this element for: Entering description information about a CBS or cost code.

uuu_cost_owner

Data Definition: User Picker

Form Label (Field Label): Owner

# of Characters: Not applicable

Where to Use it: Cost Attribute Forms

Use this element for: Specifying the owner of a cost code and displaying the owner's user information. At runtime, this element shows a list of project users.

uuu_cost_status

Data Definition: SYS Cost Status

Form Label (Field Label): Status

# of Characters: 50

Where to Use it: Cost Attribute Forms

Use this element for: Entering the status of a CBS code (active/inactive).

Fund Attribute Forms DEs

The following data elements appear on the **Fund Attribute Forms**.

row_id

Data Definition: Fund Picker

Form Label (Field Label): Funding Source

# of Characters: Not applicable

Where to Use it:

- Fund Attribute Forms
- Detail form of cost type business processes of sub-type:
  - Line Items with Fund Code

▸ Line Items with Both CBS and Fund Codes

Use this element for: Selecting a fund code.

The element shows active company-level fund codes.

uuu_fund_code

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Fund Code

# of Characters: 250

Where to Use it: Fund Attribute Forms

Use this element for: Entering a fund code. This is a system-defined data element.

uuu_fund_description

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Fund Description

# of Characters: 120

Where to use it: Fund Attribute Forms

Use this element for: Entering additional information about a fund.

uuu_fund_fundcategory

Data Definition: Funding Category

Form Label (Field Label): Fund Category

# of Characters: 100

Where to Use it: Fund Attribute Forms

Use this element for: Entering the category of a fund. The data set for this field is specified in the system.

uuu_fund_fundname

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Fund Name

# of Characters: 120

Where to Use it: Fund Attribute Forms

Use this element for: Entering the name of the fund.

uuu_fund_long_desc

Data Definition: SYS Long Description Text 2000

Form Label (Field Label): Fund Long Description

# of Characters: 2000

Where to use it: Fund Attribute Forms

Use this element for: Entering additional information about a fund.

Cost Business Processes DEs

The following data elements appear on the **Cost Business Processes** forms.

bitemID

Data Definition: CBS Picker

Form Label (Field Label): CBS Code

# of Characters: Not applicable

Where to Use it:

▸ Upper form of any business process in a project/shell, except an RFB bidder BP.
▸ Detail form of:
  ▸ Line Items with CBS Code types of cost BPs
  ▸ Line Items with Both CBS Code and Fund Code types of cost BPs
  ▸ Commit at Company Level cost BPS
  ▸ RFBs

Use this element for: Selecting a CBS code. The codes the user can choose from depend on the CBS codes defined on the cost sheet of the project.

When placed on an upper form, note the following behaviors:

This element is typically placed on an upper form for the purpose of auto-creating line items on a cost business process using a BP Line Item Creator. When used in this case, the picker will populate the CBS code field on the line item being created.

It will **not** roll up values to the Cost Sheet.

The user will be able to remove the CBS code from the picker, if it is editable. When this happens, any field values that were auto-populated from the CBS Attribute Form will be reset.

If the user copies a record containing a CBS picker that has been marked "inactive," the code will still be copied.

If the user copies a record containing a CBS picker that has been deleted from the Cost Sheet, the picker will appear blank on the created record.

The picker cannot be auto-populated or reverse-auto-populated; however, it can be reset or used as a trigger element for a query-based data element.

The picker can be included as an element in the behavior set of a dynamic data set, but not in the value set.

This element is not supported in generic shells, as generic shells cannot use CBS codes.

The picker is available for bulk edits and bulk actions.

currencyid

Data Definition: Currency Picker

Form Label (Field Label):

▸ "Transaction Currency" on business processes
▸ "Resource Currency" on Resource Attribute Forms

# of Characters: Not applicable

Where to Use it:

▸ Upper form of Cost business processes
▸ Resource Attribute Forms

Use this element for: Selecting the currency on a Cost-type BP or on a Resource Attribute Form.

If the user does not choose a currency, or if you do not include a currency picker on the form, the default is the project currency. The system populates this picker with the currencies in the database.

currencyrate

Data Definition: Float

Form Label (Field Label): Rate in Project Currency

# of Characters: Not applicable

Where to Use it:

▸ Upper forms of Cost BPs in CBS and generic shells.
▸ Can be used for:
  ▸ Formulas
  ▸ Email notifications
  ▸ Unifier on mobile
  ▸ Data cubes
  ▸ Data views

Use this element for: Use this element to compute the project currency rate, based on the transaction currency and the current exchange rate. The resulting field will be read-only.

The system uses this exchange rate for computing project currency amounts.

Example

A multinational company might create purchase orders in different currencies, Euro, US$, and Chilean Pesos. The company has an approval matrix based on the Euro, so the currency amount of each PO must be converted to Euro.

This element will reflect the locked exchange rate based on the selected transaction currency when the record is created and sent (for a workflow BP) or edited and completed (non-workflow BP) for the first time.

ref_bpo

Data Definition: BP Picker

Form Label (Field Label): Reference BPO

# of Characters: Not applicable

Where to use it: Upper form of a commit or change commit type of business process to refer to a commit at the company level, or a Master Service Agreement.

Use only on a project-level business process.

Use this element for: Referencing a "Commit at Company Level," or "Master Service Agreement" business process.

A business process can have only one data element of this type.

Picker works in conjunction with the reference process created as part of a business process definition.

ref_bpo_lineitem

Data Definition: BP Line Item Picker

Form Label (Field Label): Reference BPO Line Item

# of Characters: Not applicable

Where to use it: Detail form of a Line Items with CBS Code type or Commit at Company Level type Commit or Change Commit of business process.

Use this element for: Referencing line items of "Commit at Company Level" or Master Service Agreement" business processes.

A business process detail form can have only one data element of this type.

Picker works in conjunction with the Reference BPO picker on the upper form of the business process.

refid

Data Definition: BP Picker

Form Label (Field Label): Reference Commit

# of Characters: Not applicable

Where to Use it: Upper form of any Change Order, Spends, or Payment Applications Business Process (BP) to refer to the base commit.

Used in the standard Cost Manager.

Use this element for: Referencing a "Base Commits" Business Process (BP).

A BP can have only one data element of this type on the upper form.

row_id

Data Definition: Fund Picker

Form Label (Field Label): Funding Source

# of Characters: Not applicable

Where to Use it:

▸ Fund Attribute Forms
▸ Detail form of cost type business processes of sub-type:
  ▸ Line Items with Fund Code
  ▸ Line Items with Both CBS and Fund Codes

Use this element for: Selecting a fund code.

The element shows active company-level fund codes.

scheduled_value

Data Definition: Currency Amount

Form Label (Field Label): Scheduled Value

# of Characters: 50

Where to use it:

▸ Detail form of Commit at Company level type Payment Applications or Summary Payment Applications Business Processes (BPs).
▸ Detail form of Summary Payment Applications Business Processes (BPs).

Use this element for: Viewing the sum total of the contract ("Base Commits" + "Change Commits") against a line item.

> **Note**: This is a system-defined element.

usd_currencyrate

Data Definition: Float

Form Label (Field Label): Rate in Base Currency

# of Characters: Not applicable

Where to Use it:

- Upper forms of Cost BPs in CBS and generic shells.
- Can be used for:
  - Formulas
  - Email notifications
  - Unifier on mobile
  - Data cubes
  - Data views

Use this element for: Displaying the converted currency rate (as a read-only field).

The system uses this element to compute the base currency rate based on the transaction currency and the current exchange rate.

> Example
>
> A multinational company might create purchase orders in different currencies, Euro, US$, and Chilean Pesos. The company has an approval matrix based on the Euro, so the currency amount of each PO must be converted to Euro.

uuu_base_rate_override

Data Definition: Float

Form Label (Field Label): Base Currency Rate Override

# of Characters: Not applicable

Where to Use it: Upper form of any cost BP

> **Note**:
>
> - This is not available for company-level BPs.
> - This data element is effective only if it is editable in the BP Upper form to override the Standards & Libraries exchange rate and display on a form.

Use this element for: Overriding the base currency exchange rate when creating a cost transaction.

To accommodate this rate override, the BP must also contain a Currency Picker.

The user can override the exchange rate only on the Creation step of a business process, or before clicking "Finished Editing" on a non-workflow business process.

If the user overrides the exchange rate, the override value will become the currency exchange rate and will be copied to the existing currency exchange rate fields on the form.

Because the exchange rate must be overridden on the Creation step only, this element cannot be auto-populated.

uuu_commit_breakdown

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Breakdown

# of Characters: 120

Where to Use it: Detail form of a Payment Applications Business Process (BP)

Use this element for: Viewing the breakdown name that was defined in the Schedule of Values sheet for a line item (CBS Code).

uuu_commit_short_desc

Data Definition: SYS Short Description Text

Form Label (Field Label): Commit Short Description

# of Characters: 120

Where to Use it: Detail form of a Payment Applications Business Process (BP)

Use this element for: Viewing description information that was entered on Base Commit and Change Commit line items.

uuu_commit_remaining_balance

Data Definition: Currency Amount

Form Label (Field Label): Remaining Balance

# of Characters: Not applicable.

Where to Use it: Detail form of a Payment Applications Business Process (BP)

uuu_cost_code

Data Definition: WBS Code Picker

Form Label (Field Label): Cost Code

> **Note**: WBS changes to CBS only for Labels and System Strings. For existing customers, by default, WBS does not change to CBS for the Data Structure Data Element labels such as "WBS code" and "WBS item."

# of Characters: 32

Where to Use it: Cost Manager Attribute Form

Use this element for: Selecting a CBS code that has been defined on a Project Cost Sheet.

This element is based on the WBS Picker data definition.

The picker will show only active CBS codes.

If the element was designed for you, or system-defined in Unifier Essentials, Unifier Essentials determines how to display CBS codes based on Cost Sheet properties and the Cost Attribute form.

uuu_effective_date

Data Definition: Date Picker

Form Label (Field Label): Effective Date

# of Characters: Not applicable

Where to use it:

▸ Detail form of cost type business processes.

Use this element for: Selecting an effective date for a line item on a cost BP.

This element is useful when the user wants to generate a cash flow curve based on the business process record and line items.

The line items and the costs associated with them will be placed in the appropriate time period based on the date picked with this element.

uuu_fund_description

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Fund Description

# of Characters: 120

Where to use it: Fund Attribute Forms

Use this element for: Entering additional information about a fund.

uuu_fund_fundcategory

Data Definition: Funding Category

Form Label (Field Label): Fund Category

# of Characters: 100

Where to Use it: Fund Attribute Forms

Use this element for: Entering the category of a fund. The data set for this field is specified in the system.

uuu_fund_fundname

Data Definition: SYS Short Description Text 120

Form Label (Field Label): Fund Name

# of Characters: 120

Where to Use it: Fund Attribute Forms

Use this element for: Entering the name of the fund.

uuu_fund_long_desc

Data Definition: SYS Long Description Text 2000

Form Label (Field Label): Fund Long Description

# of Characters: 2000

Where to use it: Fund Attribute Forms

Use this element for: Entering additional information about a fund.

uuu_project_rate_override

Data Definition: Float

Form Label (Field Label): Project Currency Rate Override

# of Characters: Not applicable

Where to use it: Upper form of any cost BP

> **Note**: Not available for company-level BPs.

Use this element for: Overriding the project currency exchange rate when creating a cost transaction.

To accommodate this rate override, the BP must also contain a Currency Picker.

The user can override the exchange rate only on the Creation step of a business process, or before clicking "Finished Editing" on a non-workflow business process.

If the user overrides the rate, the override value will become the currency exchange rate and will be copied to the existing currency exchange rate fields on the form.

Because the rate must be overridden on the Creation step only, this element cannot be auto-populated.

uuu_sovlinum

Data Definition: Commit Line Item Picker

Form Label (Field Label): Reference

# of Characters: Not applicable

Where to use it: Detail form of Change Commit business processes (BPs) with all Schedule of Values (SOV) Types (General Spends and Payment Applications) of Individual commit line items.

Use this element for:

Selecting line items from the SOV for a Change Commit BP.

This element works in conjunction with the:

▶ CBS picker that you specify on the detail form of a Change Commit BP.
▶ Generic cost code picker that you specify on the detail form of a Change Commit BP.

This element is applicable only if the Base Commit BP SOV line item type was defined as "Individual Commit Line Items."

> **Note:** In the Change Commit BP, this DE cannot be used to define any type of query conditions on the line items.

uuu_scheduled_value

Data Definition: Currency Amount

Form Label (Field Label): Remaining Balance

# of Characters: Not applicable.

Where to Use it: Detail form of a Payment Applications Business Process (BP)

Use this element for selecting line items from the schedule of values (SOV) for Base commit BPs and change commit BPs.

uuu_unit_cost_contract

Data Definition: SYS Check Box

Form Label (Field Label): Unit Cost Contract

# of Characters: Not applicable

Where to use it: Upper Form of the Base Commit business process (Company-level type Base Commit business process) with Payment Application SOVs and SOV line items of **Individual Commit Line Items** type.

Use this element for: Specifying whether the system should freeze and copy unit price information onto a Change Commit or payment application.

This checkbox works in conjunction with the **uuu_unit_price** and **uuu_quantity** data elements.

uuu_unit_price

Data Definition: Currency Amount

Form Label (Field Label): Item Unit Cost

# of Characters: 50

Where to use it: Detail form of Commit at Company level of Base Commits Business Processes: Payment Applications SOV sheets.

Use this element for: Enter the unit cost of a line item. This data element works in conjunction with the **uuu_unit_cost_contract** and **uuu_quantity** data elements.

> **Note:** This data element has a system-defined formula. User-defined formulas are prioritized over system-defined formulas. If you create a user-defined formula that references a system-defined formula, it may

not always be honored and can lead to miscalculations or failure. Therefore, it is recommended that you avoid creating user-defined formulas that rely on or reference system-defined formulas. A warning message is displayed when you error check a form or change the form status to *Complete* or *Deploy* in uDesigner.

wpid

Data Definition: Work Package Picker

Form Label (Field Label): Work Package

# of Characters: Not applicable

Where to use it: Detail form of any cost business process

Use this element for: Selecting a work package while creating a line item.

If the user specifies a work package for a Base Commit, the system will also tie that package to the PayApp, General Spends, and Change Commit records associated with that Base Commit.

If the user is using CSV or Web Services, this data element must be present in both the detail form and the integration form for the system to make the work package connection between the Base Commit and the other business processes.

Document Manager DEs

The following data elements appear on the business processes and attribute forms for the **Document Manager**.

uuu_dm_create_by

Data Definition: User Picker

Form Label (Field Label): Owner

# of Characters: Not applicable

Where to use it:
- Document Folder Attribute Forms
- Document Attribute Forms
- Document business processes

Use this element for: Specifying the owner of a folder or document and displaying the user information.

uuu_dm_create_date

Data Definition: Date Picker

Form Label (Field Label): Creation Date

# of Characters: Not applicable

Where to use it:

- ▶ Document Folder Attribute Forms
- ▶ Document Attribute Forms
- ▶ Document business processes

Use this element for: Entering the date and time a folder was created.

uuu_dm_description

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Description

# of Characters: 250

Where to use it:

- ▶ Document Folder Attribute Forms
- ▶ Document Attribute Forms
- ▶ Document business processes

Use this element for: Entering a description of a document or folder.

uuu_dm_node_name

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Name

# of Characters: 250

Where to use it:

- ▶ Document Folder Attribute Forms
- ▶ Document Attribute Forms
- ▶ Document business processes

Use this element for: Entering a folder or document name.

uuu_dm_node_path

Data Definition: SYS Long Description Text

Form Label (Field Label): Location

# of Characters: 4000

Where to use it:

- ▶ Document Folder Attribute Forms
- ▶ Document Attribute Forms

▶ Document business processes

Use this element for: Entering the location of a folder or document with respect to the project documents folder (root node) in the Document Manager.

uuu_dm_percent_complete

Data Definition: Integer Amount

Form Label (Field Label): % Complete

# of Characters: Not applicable

Where to use it:

▶ Document Folder Attribute Forms
▶ Document Attribute Forms
▶ Document business processes

Use this element for: Entering the percent complete for a folder or document.

uuu_doc_attribute_url

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Document URL

# of Characters: 250

Where to use it: On the Document Attribute Form

Use this element for: Displaying a document URL. This element is included on the Document Attribute form by default. This ensures that all documents, including empty documents, display a URL after document creation. The document URL can be used to view a document from your browser.

This is a read-only data element and can also be used in the Document Log.

uuu_file_create_by

Data Definition: User Picker

Form Label (Field Label): Upload By

# of Characters: Not applicable

Where to use it:

▶ Document Folder Attribute Forms
▶ Document Attribute Forms
▶ Document business processes

Use this element for: Specifying the name of the person who uploaded a document.

uuu_file_issue_date

Data Definition: Date Picker

Form Label (Field Label): Issue Date

# of Characters: Not applicable

Where to use it:

▶ Document Folder Attribute Forms
▶ Document Attribute Forms

Use this element for: Entering the date that a document was issued.

uuu_file_revision_no

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Revision No.

# of Characters: 250

Where to use it:

▶ Document Folder Attribute Forms
▶ Document Attribute Forms
▶ Document business processes

Use this element for: Entering the revision number of a document. You can use this as a place holder.

uuu_file_size

Data Definition: Integer Amount

Form Label (Field Label): Size

# of Characters: Not applicable

Where to use it:

▶ Document Folder Attribute Forms
▶ Document Attribute Forms
▶ Document business processes

Use this element for: Displaying the size, in bytes, of a document. (The system automatically calculates this amount.)

uuu_file_title

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Title

# of Characters: 250

Where to use it:

- ▸ Document Folder Attribute Forms
- ▸ Document Attribute Forms
- ▸ Document business processes

Use this element for: Entering a title for a document (rather than use the file name as the title).

uuu_file_version

Data Definition: Integer Amount

Form Label (Field Label): Pub No.

# of Characters: Not applicable

Where to use it:

- ▸ Document Folder Attribute Forms
- ▸ Document Attribute Forms
- ▸ Document business processes

Use this element for: Displaying the version number of a document. (The system automatically updates this number whenever the document is revised.)

uuu_issue_date

Data Definition: Date Picker

Form Label (Field Label): Issue Date

# of Characters: Not applicable

Where to use it: Detail form of document business processes

Use this element for: Selecting the issue date of a document that is attached to a line item.

uuu_line_item_status

Data Definition: Designer Line Item Status

Form Label (Field Label): Line Item Status

# of Characters: 128

Where to use it: Detail form of:

- ▸ Document business processes
- ▸ Line item type business processes

Use this element for: Selectively modifying line item information on a workflow step.

uuu_li_last_update_date

Data Definition: Date Picker

Form Label (Field Label): Line Item Last Update Date

# of Characters: Not Applicable

Where to use it: Detail Forms of any Business Process. Can be placed in any of the line item tabs.

Use this element for: To capture the date and time that the line item was either created or updated.

Additional features:

▸ Default Behavior: Read Only
▸ This is an optional field that may or may not exist on the form. No error-check specific to this DE is needed.
▸ Cannot be marked as Editable or Editable Required
▸ Because this DE is Read-Only in the line items, it cannot be part of DDS
▸ Remaining behavior will be the same as the "uuu_record_last_update_date"
▸ This DE will not be allowed to be added anywhere other than in the detail form of the line-item BPs
▸ This DE cannot be placed in the bidder's form of Request for Bid type of BP

uuu_name

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Name

# of Characters: 250

Where to use it: Detail form of document business processes

Use this element for: Entering a file name.

uuu_revision_no

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Revision No.

# of Characters: 250

Where to use it: Detail form of document business processes

Use this element for: Entering the revision number of a document.

uuu_title

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Title

# of Characters: 250

Where to use it: Detail form of document business processes

> **Note**: This title will not appear in the "view reference records" feature. If you want the title to appear in this feature, use the system-defined "title" element instead.

Use this element for: Entering the title of a file.

Global DEs

The following data elements appear on most business processes and attribute forms.

amount

Data Definition: Currency Amount

Form Label (Field Label): Amount

# of Characters: Not applicable

Where to use it:

▶ Any formula calculation on any business process
▶ Any cost business process at company or project level.
▶ On a detail form, this element can be editable.

If you use this element on an upper form, it will be read-only. It will automatically add up all values from amount fields on detail forms; therefore, it cannot contain a formula, be auto-populated, or reset.

> **Notes:**
>
> ▪ This data element has a system-defined formula. User-defined formulas are prioritized over system-defined formulas. If you create a user-defined formula that references a system-defined formula, it may not always be honored and can lead to miscalculations or failure. Therefore, it is recommended that you avoid creating user-defined formulas that rely on or reference system-defined formulas. A warning message is displayed when you error check a form or change the form status to *Complete* or *Deploy* in uDesigner.
> ▪ In Classic Payment Application BPs, the amount DE must be a product of **uuu_unit_price** DE and **uuu_quantity** DE. Therefore, ensure the amount field is editable for manual entry.

Use this element for: Entering currency data on any business process.

The element is automatically formatted to use the currency specified in the currency details window. To view more information:

1) Go to the **Company Workspace** tab and switch to **Admin** mode.
2) In the left Navigator, select **Standards & Libraries**, and then select **Currencies**.
3) Select the applicable currency.

If the data has a decimal value, the number of decimal values will follow the number of decimal places specified in the currency details window.

description

Data Definition: SYS Description Text

Form Label (Field Label): Description

# of Characters: 250

Where to use it: Any business process

Use this element for: Entering text information on a business process.

due_date

Data Definition: Date Picker

Form Label (Field Label): Due Date

# of Characters: Not applicable

Where to use it: Any business process with a workflow

Use this element for: Entering date and time information on a business process.

User can select the value of this element at run time, or the system can calculate the value based on the workflow duration specified in the business process setup.

The late task-notification and task-indicators work based on this data element.

record_no

Data Definition: Record Number

Form Label (Field Label): Record Number

# of Characters: 20

Where to use it:

▸ Any business process
▸ Schedule Activity Attribute Forms

Use this element for: Viewing the number of a record.

Based on Record Number Data data definition. The system will assign a record number or identifier (based on configuration) to this element.

Gaps in Generated Business Process Record Number

Business Process (BP) record number is sequentially generated when you create a new record. The newly generated record number is locked so that other records (being created at the same time) cannot use that number. If the BP record cannot be created for any reason (for example, Cost Sheet rules or validations that exist at the SOV level), the system only voids the generated record number and does not reset the record numbering sequence to allow another BP record to pick up that generated number. This operation generates gaps in BP record number generation.

short_desc

Data Definition: SYS Short Description Text

Form Label (Field Label): Short Description

# of Characters: 50

Where to use it: Detail form of any Line Item type business process.

Use this element for: Entering additional information regarding a line item.

> **Note**: This is a system-defined element.

status

Data Definition: SYS Short Description Text

Form Label (Field Label): Status

# of Characters: 20

Where to use it: Upper form of any business process.

> **Note**: This element cannot be used as the master element in a dynamic data set (DDS).

Use this element for: Viewing or entering the status of a business process record.

This is a *required* field on both workflow and non-workflow business processes.

The data set for this data element is based on the statuses that are selected as part of the business process design.

For workflow business processes, this element will be read-only and will be changed or updated based on the workflow step status.

For non-workflow business processes, this element is editable and required.

title

Data Definition: Short Description Text

Form Label (Field Label): Title

# of Characters: 50

Where to use it: Any business process.

Use this element for: Entering a title for a business process record.

This element is useful if you want the title of the business process record to appear in notifications and task logs.

uuu_bp_record_url

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Business Process Record UR

# of Characters: 250

Where to use it: Upper form of any business process

Use this element for: Displaying a URL a user can use to access a view-only copy of a business process record from an external system.

If this element is included on the upper form, the system automatically populates it with a URL when the business process is created.

For this URL data element to operate, the business process record must be available from a Master Log.

uuu_creation_date

Data Definition: SYS Date Picker

Form Label (Field Label): Creation Date

# of Characters: Not applicable

Where to use it: Any business process

Use this element for: Viewing the date a business process record was created.

The system automatically populates this element.

uuu_dm_publish_path

Data Definition: SYS Long Description Text 2000

Form Label (Field Label): Publish Path

# of Characters: 2000

Where to use it:

‣ Upper form of any business process.
‣ Detail form of business processes that have line items.

Use this element for: Specifying the folder path to enable the automatic publishing of documents attached to business processes.

The folder path is specified in a formula.

By default, documents attached to business processes are published in the Unpublished Documents folder. This specified folder structure overrides the default publication of attached documents.

The **Document Manager** folders, created and used for automatic publication, are based on the values of the data elements specified in the **uuu_dm_publish_path** data element.

Use the forward slash (/) delimiter to build the path in a formula (for example State/County/City). The forward slash (/) delimiter is the only valid delimiter. You do not need to use the forward slash (/) delimiter in the beginning or the end of the path.

This DE can be placed in a hidden block.

For document-type business processes With Folder Structure, you can specify that a configured folder path be appended to the folder structure. This appended path is based on the path configured in the **uuu_dm_publish_path** data element on the business process form, and the selection of the Append Line Items Folder Structure to AutoPublish Path option.

uuu_dm_record_info_path

Data Definition: SYS Long Description 2000

Form Label (Field Label): Record Information Publish Path

# of Characters: 2000

Where to use it: Upper form of any business process

Use this element for: Automatically publishing a business process, along with its comments and attachments, to the Document Manager.

Depending on how the administrator sets up the business process, it can be automatically published to the Document Manager when it reaches a specific step in the workflow, or whenever an email notification is sent regarding the status of the business process, or both.

The folder path is specified with a formula when the business process is designed.

The **Document Manager** folders, created and used for automatic publication, are based on the values of the data elements specified in the **uuu_dm_record_info_path** data element.

Use the forward slash (/) delimiter to build the path in a formula (for example State/County/City). The forward slash (/) delimiter is the only valid delimiter. You do not need to use the forward slash (/) delimiter in the beginning or the end of the path.

This DE can be placed in a hidden block.

uuu_line_item_status

Data Definition: Designer Line Item Status

Form Label (Field Label): Line Item Status

# of Characters: 128

Where to use it: Detail form of:

▶ Document business processes
▶ Line item type business processes

Use this element for: Selectively modifying line item information on a workflow step.

uuu_project_picker

Data Definition: Project Picker

Form Label (Field Label): Project

# of Characters: Not applicable

Where to use it: Detail form of a company-level BP

Use this element for: Selecting a project.

You can place multiple project pickers on a form.

The picker will show the user a list of the company-sponsored projects to which the user has access.

The picker shows active, inactive, and on-hold projects.

uuu_quantity

Data Definition: Decimal Amount

Form Label (Field Label): Item Quantity

# of Characters: 50

Where to use it: In the Detail form of any business process: Payment Applications or Summary Payment Applications SOV sheets. This data element will roll up to the SOV sheet only when the Payment BP record is Approved.

Notes:

- This data element has a system-defined formula. User-defined formulas are prioritized over system-defined formulas. If you create a user-defined formula that references a system-defined formula, it may not always be honored and can lead to miscalculations or failure. Therefore, it is recommended that you avoid creating user-defined formulas that rely on or reference system-defined formulas. A warning message is displayed when you error check a form or change the form status to *Complete* or *Deploy* in uDesigner.

- In Classic Payment Application BPs, uuu_quantity will not populate from Base Commit and Change Commit BPs. It will always be zero. Therefore, ensure the field is editable for manual entry. You can also use this data element in a formula DE which can then be used to populate another data element in the same detail form. Unlike SPA, it will not be the consolidated quantity of base commit and all change commits.

Use this element for: Entering quantity of a line item. This data element works in conjunction with **uuu_unit_price** data element.

uuu_record_last_update_date

Data Definition: Date Picker

Form Label (Field Label): Record Last Update Date

# of Characters: Not applicable

Where to use it:

- Upper form or log of any business process
- Shell attribute form
- Shell log
- Unifier Mobile

Use this element for: Specifying the date and time on which the record was last updated.

Updates can include changes that occur due to auto-population, integration, or any other change to the business process, including adding or removing attachments and general comments.

This data element is populated using the system date.

It is recommended that you place this field on the:

- Shell Attribute Form to track changes to the shell.
- Upper form and log of business processes that are enabled for the Self-Service Portal.

uuu_shell_status

Data Definition: Integer

Form Label (Field Label): Status

# of Characters: Not applicable

Where to use it:

▸ Shell detail form
▸ Upper or detail form of a Project/Shell Creation BP

Use this element for: Selecting the status of a shell at runtime. Valid values are:

▸ Inactive = 0
▸ View-Only
▸ Active = 1
▸ On-Hold = 2

uuu_sovref_num

Data Definition: Integer Amount

Form Label (Field Label): SOV Reference Number

# of Characters: Not applicable

Where to use it: Detail form of General Spends or Payment Applications Business Processes (BPs).

Use this element for: Preserving the SOV reference number order for line items to ensure the correct payment of lines by third-party payment application.

Using this data element ensures that the SOV line items match those in the external payment application. For example, line items reference numbers can become mismatched if a line is deleted in Unifier Essentials but not deleted in the third-party payment application.

This data element is system-populated and read-only.

If it is used in the detail form, it must also be used in the detail Integration form.

Request for Bid (RFB) DEs

The following data elements appear on the **Request for Bid** (RFB) business processes.

uuu_bid_count

Data Definition: Integer Amount

Form Label (Field Label): Bid Count

# of Characters: 10

Where to use it: RFB business processes

Use this element for: Viewing the number of bids received.

uuu_bidders_count

Data Definition: Integer Amount

Form Label (Field Label): Bidders Count

# of Characters: 10

Where to use it: RFB business processes

Use this element for: Viewing the number of bidders who were invited.

uuu_contact_company

Data Definition: SYS Medium Name

Form Label (Field Label): Contact Company

# of Characters: 64

Where to use it: RFB business process form that is flagged as the "vendor master" at the company level.

Use this element for: Entering a vendor or bidder company name as part of a business process.

> Example
> Vendor Master

The RFB business processes will display values under this data element during the bid invitation process.

uuu_contact_first_name

Data Definition: SYS Medium Name

Form Label (Field Label): Contact First Name

# of Characters: 64

Where to use it: RFB business process form that is flagged as the "vendor master" at the company level

Use this element for: Entering the vendor or bidder contact's first name as part of a business process

> Example
> Vendor Master

The RFB business process will display values under this data element during the bid invitation process.

uuu_contact_lang

Data Definition: i18n_locales

Form Label (Field Label): Contact Language

# of Characters: 64

Where to use it: The Upper Form of Company-level (Simple or Line Item) Business process that has been marked as Master Vendor Business Process.

Use this element for: Capturing the language of the contact user for the bidding company, in the master vendor list.

At runtime, while creating a record for the bidder, the language of the bidder can be specified using this data element.

When this DE exists in the form, the bidder email notification will be based on the value selected in this field.

uuu_contact_last_name

Data Definition: SYS Medium Name

Form Label (Field Label): Contact Last Name

# of Characters: 64

Where to use it: On the RFB business process form that is flagged as the "vendor master," at the company level.

Use this element for: Entering the vendor or bidder contact's last name as part of a business process.

> Example
> Vendor Master

The RFB business process will display values under this data element during the bid invitation process.

uuu_rfb_due_date

Data Definition: Date Picker

Form Label (Field Label): RFB Due Date

# of Characters: Not applicable

Where to use it: RFB business processes.

Use this element for: Entering a due date for a bid request.

Note: The system might not allow the requestor to view the bid response until this due date is passed.

uuu_rfb_winning_bid

Data Definition: Bid Picker

Form Label (Field Label): Winning Bid

# of Characters: Not applicable

Where to use it: Only for the RFB "Requestor" business processes.

Note: You are not required to place this DE on an RFB "Requestor" Upper form.

Use this element for: Selecting a winning bid from all bids received.

uuu_user_id

Data Definition: SYS Long Name

Form Label (Field Label): User ID

# of Characters: Not applicable

Where to use it: The RFB business processes to send out bid invitations.

Use this element for: Entering vendor or bidder contact information.

Note: This data element only accepts the email address as input.

Shell Manager DEs

The following data elements appear on the business processes and attribute forms for the **Shell Manager**.

uuu_administrator

Data Definition: User Picker

Form Label (Field Label): Administrator

# of Characters: Not applicable

Where to use it:

▸ Configurable Shell Attribute Forms
▸ Shell Attribute Form
▸ Shell detail form

▸ Upper or detail form of a Project/Shell Creation BP

Use this element for: Selecting the administrator of a shell.

uuu_int_schedule_type

Data Definition: SYSP6ScheduleType

Form Label (Field Label): Schedule Type (Drop-down)

# of Characters: Not applicable

Where to use it: Shell Attribute Form

Use this element for: Shell instances that are required to be integrated with P6 (CBS Single or Multiple type Shells).

This DE is:

▸ Not required for Shell Attribute Forms that are not integrated with P6.
▸ "Read-only" when used on a Shell Attribute Form of a CBS (Single or Multiple Instance).

The value for this element originates from P6 and User cannot update the value via CSV or WebServices.

uuu_location

Data Definition: Location Picker

Form Label (Field Label): Location

# of Characters: Not applicable

Where to use it: Shell detail form; cannot be used on an anchor shell (a single-instance shell)

Use this element for: Specifying the hierarchy between shells.

From this picker, the user picks the parent shell under which a sub-shell should be created.

This element will display the complete path location of the shell.

uuu_project_start_date

Data Definition: Date Only Picker

Form Label (Field Label): Project Start Date

# of Characters: Not applicable

Where to use it: Shell Attribute Form

Use this element for: Specifying the project start date.

If this data element is added to the Shell Attribute Form, the Manual and Shell Attribute radio buttons are active for the CBS shell (provided no activity has started). These buttons allow users to specify whether the Schedule Start Date should be set manually, or automatically populate from the Project Start Date on the Shell Attribute Form. For non-master schedule sheets, the choice is always Manual, and Shell Attribute is not selectable.

If the user selects the Manual radio button, a Schedule Start Date can be selected.

If the user selects Shell Attribute radio button, the Schedule Start Date automatically populates from the Project Start Date specified on the General tab of the shell properties.

uuu_record_last_update_date

Data Definition: Date Picker

Form Label (Field Label): Record Last Update Date

# of Characters: Not applicable

Where to use it:

▸ Upper form or log of any business process
▸ Shell attribute form
▸ Shell log
▸ Unifier Mobile

Use this element for: Specifying the date and time on which the record was last updated.

Updates can include changes that occur due to auto-population, integration, or any other change to the business process, including adding or removing attachments and general comments.

This data element is populated using the system date.

It is recommended that you place this field on the:
▸ Shell Attribute Form to track changes to the shell.
▸ Upper form and log of business processes that are enabled for the Self-Service Portal.

uuu_shell_creator

Data Definition: Shell Picker

Form Label (Field Label): Created Shell

# of Characters: Not applicable

Where to use it: Upper or detail form of a Project/Shell Creation BP

Use this element for: Auto-creating a shell from a company-level or shell-level Project/Shell Creation BP.

If you use this element on a form, you cannot use a **uuu_project_creator** element.

This element will create a shell, even if the field is hidden.

uuu_shell_image

Data Definition: Image Picker

Form Label (Field Label): Image

# of Characters: Not applicable

Where to use it: Upper or detail form of a Project/Shell Creation BP

Use this element for: Picker for selecting images to display on the shell page.

When the field value is passed to the project/shell, only the file location is passed.

uuu_shell_location

Data Definition: Shell Picker

Form Label (Field Label): Shell Location

# of Characters: Not applicable

Where to use it: Upper or detail form of a Project/Shell Creation BP (unless it is a Line Item sub-type with a Shell and Sub-Shell classification, in which case, it should not be included on the detail form).

Use this element for: Specifying the parent location under which a new shell is to be auto-created.

You must include this element if you use the **uuu_shell_creator** element, although it does not need to be on the same form.

User-defined reports (UDRs) that contain this data element will show the entire path of the location.

uuu_shell_status

Data Definition: Integer

Form Label (Field Label): Status

# of Characters: Not applicable

Where to use it:

▸ Shell detail form
▸ Upper or detail form of a Project/Shell Creation BP

Use this element for: Selecting the status of a shell at runtime. Valid values are:

▸ Inactive = 0
▸ View-Only
▸ Active = 1
▸ On-Hold = 2

uuu_shell_template_picker

Data Definition: Shell Template Picker

Form Label (Field Label): Shell Templates

# of Characters: Not applicable

Where to use it: Upper or detail form of a Project/Shell Creation BP

Use this element for: Choosing a template for an auto-created shell or to add a Template Picker to the detail form or integration form.

You must include this element if you use the **uuu_shell_creator** element, although it does not need to be on the same form.

> **Note:** To determine what template to use, the system first checks the Shell Detail form to see whether a value for the **uuu_shell_template_picker** data element (DE) is defined. If the DE is not populated or is not used, the system checks to see whether a default template is specified. If so, the views associated with the default template are included.

User Administration DEs

The following data elements appear on the detail forms for **User Administration**.

uuu_disableusermobileaccess

Data Definition: SYS Check Box

Form Label (Field Label): Disable Mobile Access

# of Characters: Not applicable

Where to use it: Additional Attributes segment of User Attribute Form

Use this element for: Preventing or allowing access to the Unifier Mobile application.

uuu_user_company

Data Definition: SYS Medium Name

Form Label (Field Label): Company

# of Characters: 64

Where to use it: User Administration form

Use this element for: Entering the company name of a user.

uuu_user_dateformat

Data Definition: SYS Date Format

Form Label (Field Label): Date Format

# of Characters: Not applicable

Where to use it:

▸ User Administration form
▸ The Upper Form of Company-level (Simple or Line Item Business process) which has been marked as Master Vendor Business Process.

Use this element for: Entering the date format of a user.

When placed in the Upper Form, this DE captures the date format of the Contact user for the Bidding Company in the Master Vendor list.

At runtime, while creating a record for the bidder, the Date Format of the bidder can be specified using this field. In this type of business process, the default value is editable.

When this DE exists in the form, the format of the due date, specified for the bid in bidder email notification, is based on the value selected in this field.

uuu_user_email

Data Definition: SYS Medium Name

Form Label (Field Label): E-Mail

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the email address of a resource or user.

uuu_user_fax

Data Definition: SYS Medium Name

Form Label (Field Label): Fax

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the fax number of a resource or user.

uuu_user_firstname

Data Definition: SYS Medium Name

Form Label (Field Label): First Name

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the first name of a resource or user.

uuu_user_homephone

Data Definition: SYS Medium Name

Form Label (Field Label): Home Phone

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the phone number of a resource or user.

uuu_user_lastname

Data Definition: SYS Medium Name

Form Label (Field Label): Last Name

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the last name of a resource or user.

uuu_user_loginname

Data Definition: SYS Medium Name

Form Label (Field Label): Login User Name

# of Characters: 64

Where to use it: User Administration form

Use this element for: Entering the login name of a user.

uuu_user_mobilephone

Data Definition: SYS Medium Name

Form Label (Field Label): Mobile Phone

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the mobile phone number of a resource or user.

uuu_user_name

Data Definition: SYS Medium Name

Form Label (Field Label): Name

# of Characters: Not applicable

Where to use it: User Administration form

Use this element for: Predefined to be a concatenation of the First Name and Last Name.

It is recommended that you:

▸ Add this field to a hidden block in the User Detail form and the View Profile form, and to expose it only in the User Picker and Find.
▸ Add this field to the View Profile form.
▸ Only expose it in the User Picker and Find.

uuu_user_pager

Data Definition: SYS Medium Name

Form Label (Field Label): Pager

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the pager number of a resource or user.

uuu_user_password

Data Definition: SYS Medium Name

Form Label (Field Label): Password

# of Characters: 64

Where to use it: User Administration form

Use this element for: Entering the user password.

uuu_user_proxy

Data Definition: User Picker

Form Label (Field Label): Proxy Name

# of Characters: Not applicable

Where to use it: User Administration form

Use this element for: Entering the proxy name of a user.

uuu_user_status

Data Definition: SYS User Status

Form Label (Field Label): Status

# of Characters: Not applicable

Where to use it: User Administration form

Use this element for: Radio button to select the status of a user (Active, Inactive, or On-Hold). By default, the status is Inactive.

uuu_user_timezone_pref

Data Definition: SYS User Time Zone

Form Label (Field Label): SYS User Time Zone

# of Characters: Not applicable

Where to use it: User Administration form

Use this element for: Entering the time zone preference of a user.

Where to use it:

▸ User Administration form
▸ The Upper Form of Company-level (Simple or Line Item Business process) which has been marked as Master Vendor Business Process.

When placed in the Upper Form, this DE captures the time zone of the Contact user for the Bidding Company in the Master Vendor list.

When this DE exists in the form, the dates displayed are based on the user time zone, as specified in the field.

At runtime, while creating a record for the bidder, the Time Zone of the bidder can be specified using this field. In this type of business process, the default value is editable.

uuu_user_title

Data Definition: SYS Medium Name

Form Label (Field Label): Title

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the title of a user or resource.

uuu_user_workphone

Data Definition: SYS Medium Name

Form Label (Field Label): Work Phone

# of Characters: 64

Where to use it:

▸ Resource Attribute Form
▸ User Administration form

Use this element for: Entering the work phone number of a user or resource.

Bluebeam DEs

The following data elements appear on business processes enabled for **Bluebeam** integration.

uuu_review_session_name

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Session Name

# of Characters: Not applicable

Where to use it:

▸ The Detail form of a business process design.
▸ This data element **cannot** be placed in the System defined tab
▸ It **cannot** be placed in the Detail/Attribute Form of any manager.
▸ This data element is available only for the following types of BPs that support multiple line item tabs -
  ▸ Line Item type
  ▸ Cost Type
  ▸ Document Type

▶ This data element **can** be placed in the Upper form of the above-mentioned Business Processes, and BPs of type Simple and Text Type

Use this element for: This Data Element captures the name of the Bluebeam Review session that the file belonged to

Default Behavior in the above mentioned BPs: Always Read Only

Additional features:

▶ This is an optional field that may exist in the form
▶ For a given BP design, this field can only be placed in **one** of the Line Item tabs
▶ Cannot be marked as Editable/ Editable Required
▶ Cannot be part of any auto-population definition
▶ This DE cannot be part of any DDS
▶ This DE cannot be part of any formula or advanced formula, both as a source and destination
▶ Cannot be marked as a display element in the data picker definition

uuu_review_session_id

Data Definition: SYS Short Description Text 250

Form Label (Field Label): Session ID

# of Characters: Not applicable

Where to use it:

▶ The Detail form of a business process design.
▶ This data element **cannot** be placed in the System defined tab
▶ It **cannot** be placed in the Detail/Attribute Form of any manager.
▶ This data element is available only for the following types of BPs that support multiple line item tabs -
  ▶ Line Item type
  ▶ Cost Type
  ▶ Document Type
▶ This data element **can** be placed in the Upper form of the above-mentioned Business Processes, and BPs of type Simple and Text Type

Use this element for: This Data Element captures the ID of the Bluebeam Review session that the file belonged to

Default Behavior in the above mentioned BPs: Always Read Only

Additional features:

▶ This is an optional field that may exist in the form
▶ For a given BP design, this field can only be placed in **one** of the Line Item tabs
▶ Cannot be marked as Editable/ Editable Required
▶ Cannot be part of any auto-population definition
▶ This DE cannot be part of any DDS

▸ This DE cannot be part of any formula or advanced formula, both as a source and destination
▸ Cannot be marked as a display element in the data picker definition

uuu_review_file_name

Data Definition: SYS Short Description Text 250

Form Label (Field Label): File Name

# of Characters: Not applicable

Where to use it:

▸ The Detail form of a business process design that has the Bluebeam Session related fields
▸ This data element **cannot** be placed in the System defined tab
▸ When this data element is added in the Upper form or detail form of any Business Process, it will behave like any other text field.

Use this element for: This Data Element captures the name of the file that was part of the Bluebeam Review session

Special Behavior in the Line Item tab which has Session Name & Session ID: Always Read Only

Additional features:

▸ This is an optional field that may exist in the form
▸ For a given BP design, this field can only be placed in **one** of the Line Item tabs
▸ Cannot be marked as Editable/ Editable Required
▸ Cannot be part of any auto-population definition
▸ This DE cannot be part of any DDS
▸ This DE cannot be part of any formula or advanced formula, both as a source and destination
▸ Cannot be marked as a display element in the data picker definition

uuu_review_revision_no

Data Definition: SYS Short Description Text 250

Form Label (Field Label): File Revision Number

# of Characters: Not applicable

Where to use it:

▸ The Detail form of a business process design that has the Bluebeam Session related fields
▸ This data element **cannot** be placed in the System defined tab
▸ When this data element is added in the Upper form or detail form of any Business Process, it will behave like any other text field.

Use this element for: This Data Element captures the revision number of the file that was part of the Bluebeam Review session

Special Behavior in the Line Item tab which has Session Name & Session ID: Always Read Only

Additional features:

▶ This is an optional field that may exist in the form
▶ For a given BP design, this field can only be placed in **one** of the Line Item tabs
▶ Cannot be marked as Editable/ Editable Required
▶ Cannot be part of any auto-population definition
▶ This DE cannot be part of any DDS
▶ This DE cannot be part of any formula or advanced formula, both as a source and destination
▶ Cannot be marked as a display element in the data picker definition

uuu_review_pub_no

Data Definition: SYS Short Description Text 250

Form Label (Field Label): File Pub. Number

# of Characters: Not applicable

Where to use it:

▶ The Detail form of a business process design that has the Bluebeam Session related fields
▶ This data element **cannot** be placed in the System defined tab
▶ When this data element is added in the Upper form or detail form of any Business Process, it will behave like any other text field.

Use this element for: This Data Element captures the pub number of the file that was part of the Bluebeam Review session

Special Behavior in the Line Item tab which has Session Name & Session ID: Always Read Only

Additional features:

▶ This is an optional field that may exist in the form
▶ For a given BP design, this field can only be placed in **one** of the Line Item tabs
▶ Cannot be marked as Editable/ Editable Required
▶ Cannot be part of any auto-population definition
▶ This DE cannot be part of any DDS
▶ This DE cannot be part of any formula or advanced formula, both as a source and destination
▶ Cannot be marked as a display element in the data picker definition

Other DEs (in Alphabetical Order: A-G)

The following Data Elements (DEs), presented alphabetically, appear on the attribute forms, Business Processes, and other entities.

uuu_address_code

Data Definition: SYS Description Text 500

Form Label (Field Label): Address Code

# of Characters: 500

Where to use it: On upper forms and logs for these components:

- Shell attribute forms
- Line Item BPs
- Simple BPs
- Document BPs
- Generic Cost BPs for project, company, or shell level

Use this element for: Showing the map of a location for shells and certain business processes.

If you use this element, the user must enter an exact address for map plotting.

You can build this field using a formula, or it can be a manual-entry field.

> **Note:** If you are using a formula to create the code, be sure to include the delimiter between the fields; otherwise, the map might not appear.

To use coordinates to plot a map, see the **uuu_latitude** and **uuu_longitude** elements.

uuu_cmwbs_picker

Data Definition: P6 WBS Picker

Form Label (Field Label): WBS Picker

# of Characters: Not applicable

Where to use it: Activity Attributes, Business Processes, and WBS Attributes

Use this element for: Selecting a unique WBS code.

Other DEs (in Alphabetical Order: H-N)

The following Data Elements (DEs), presented alphabetically, appear on the attribute forms, Business Processes, and other entities.

uuu_int_p6_project_id

Data Definition: SYS Short Description Text 32

Form Label (Field Label): P6 Project ID

# of Characters: 32

Where to use it: The Data Elements (DEs) must be placed in a Shell Business Process, and the Activity Sheet must be located in the same Shell.

This Data element will always render as "Read-Only" on a Shell Attribute Form.

Use this element for: The user must place this DE on CBS type Shell Attribute Form, if the Unifier Essentials Project ID is different than the P6 Project ID.

Add this DE on a CBS type Shell Attribute Form if the Unifier Essentials Project ID and the P6 Project ID do not match, so Gateway can establish a link between the two products.

Additional information

▸ This DE holds the ID of the P6 Project with which a Unifier Essentials Shell instance must be linked.
▸ The P6 Project ID cannot be greater than 20 characters.
▸ The user can use this DE if there is a need to integrate a Unifier Essentials Shell instance with P6, such that the Unifier Essentials Shell ID is different from the P6 Project ID.
▸ The user can mark this DE as editable, required, or read-only.
▸ The user can update the attribute form by way of Web Services.
▸ If the user creates a new Shell by way of "copy," the value of this DE will not be copied in the new Shell instance.
▸ Bulk editing is not available.
▸ All remaining behavior of this DE is the same as any text DE.

uuu_latitude

Data Definition: SYS Short Description Text 50

Form Label (Field Label): SYS Short Description Text 50

# of Characters: 50

Where to use it: On upper forms and logs for:

▸ Shell Attribute forms
▸ Line Item BPs
▸ Simple BPs
▸ Document BPs
▸ Generic Cost BPs for project, company, or shell level

Use this element for: Showing a location map of a shell or business process.

If you use this element, you must include the **uuu_longitude** element on the form.

On the form, this element is accompanied by a globe icon, which users can use to open a map and enter the address or coordinates of the shell or BP they want to see.

To use a direct address to plot a map, see the **uuu_address_code** element.

uuu_li_consolidated

Data Definition: Yes/No (drop-down list with a default value of No)

Form Label (Field Label): Consolidated

# of Characters: Not applicable

Where to use it: Detail form section of any Business Process form

Use this element for: To capture whether a line item has been consolidated into a destination.

Default Behavior: Read-only

Additional Features:

Cannot be marked as Editable/Required on any form.

Always populated by the system.

Not mandatory on any form, but it can be placed on any Business Process detail form.

> **Note**: The uuu_li_consolidated DE is not available to be added to the Upper Form of any Business Process.

uuu_longitude

Data Definition: SYS Short Description Text

Form Label (Field Label): Longitude

# of Characters: 50

Where to use it: On upper forms and logs for:

- ▸ Shell Attribute forms
- ▸ Line Item BPs
- ▸ Simple BPs
- ▸ Document BPs
- ▸ Generic Cost BPs for project, company, or shell level

Use this element for: Showing a location map of a shell or business process.

If you use this element, you must include the **uuu_latitude** element on the form.

To use a direct address to plot a map, see the **uuu_address_code** element.

Other DEs (in Alphabetical Order: O-T)

The following Data Elements (DEs), presented alphabetically, appear on the attribute forms, Business Processes, and other entities.

uuu_proj_currency

Data Definition: currency picker

Form Label (**Field Label**): Project Currency

# of Characters: Not applicable

Where to use it: Project or Shell Creator business process of Simple type or Line Item type (upper or detail form).

> **Note:** Use this element for the project address only; not for billing, shipping, and so on, addresses.

Use this element for: Overriding the default project/shell currency defined in the project/shell template with a substitute currency.

The currency must be defined in the **Exchange Rates** sub-node of the **Standards & Libraries** node.

The currency code must be valid.

If the currency is not defined in the project/shell template, and a valid currency code was used, the system will add it to the template as a float rate and create the project/shell with this currency as the default project/shell currency.

The currency cannot be a future currency.

In a line item Project or Shell Creator BP you can use this field to auto-populate from the upper form to the same field on the detail form. You cannot reverse auto-populate from detail form to upper form. The field cannot have a formula or be reset.

uuu_rich_text

Data Definition: SYS Rich Text

Form Label (Field Label): User-defined name

# of Characters: 2 MB size is allowed, restricting in runtime

Where to use it: Only in BP Upper Form

Use this element for: It is a lightweight HTML editor and style Markdown editor that provides the best user-interface for creating and editing content.

Additional Information:

▸ DEs of SYS Rich Text type should not be available to be set as Display Element in a Data Picker configuration.

▸ When you create a DE with the DD, the **New Data Element** window displays one box, at the bottom: **Default height of box (in pixels)**. The value, as entered by the user in this box, will be the default height of the Rich Text Editor DE box, in user mode.

▸ If the source of the data cube definition contains a DE of Rich Text type, then the DE of SYS Rich Text type should be available to be added in data cube definition, the **Data Elements** tab. The DE is not available to create queries, in the Query tab.

▸ DEs of SYS Rich Text type should be available to be added in the Behavior Set of Dynamic Data Sets.

▸ You can create data views from business and show the data (from the SYS Rich Text DE). When creating a data view, you must join the business process model (that is, the table) with the view "model_richtext," when creating data view to show rich text fields:

   ▸ The BP model table holds columns to show data from rich text DE, but if the data is extracted from those columns, it will not be formatted (plain text).

   ▸ The model_richtext holds columns from the BP to show rich text fields in HTML format; as a result, if the BP model and the view model_richtext are joined in an SQL query, you should choose columns from the view model_richtext only but not from the BP model.

   Additional expected behavior for following options:

      ▪ Export as CSV: This action gets the rich text DE data as per the column pulled using the SQL query (plain text from BP model or rich text from <model>_richtext).

      ▪ Export as SQL: The HTML elements of rich text should be inserted as null.

uuu_spa_mat_stored

Data Definition: Currency Amount

Form Label (**Field Label**): Stored Materials Amount

# of Characters: Not applicable

Where to use it:

Where to use it: To add to the Detail form of other types of BPs.

Use this element for: Entering the value of stored materials for the project.

This DE is editable and mandatory (required in the form).

Additional information:

▸ The Stored Materials Amount is used to calculate the Percentage Complete to Date field.

▸ This DE can be set as a formula in the BP listed.

▸ This DE can be set as an Auto-Populate field.

▸ This DE is available as a part of Dynamic Datasets.

▶ At runtime, this field is editable only when the Cost Line Item Type = Lump Sum. You can add the value of the material stored for the project regardless of the Cost LI Type.

> **Note**: The remaining behavior is like any other editable Currency Amount DE.

Other DEs (in Alphabetical Order: U-Z)

The following Data Elements (DEs), presented alphabetically, appear on the attribute forms, Business Processes, and other entities.

uuu_user_proxy_config

Data Definition: SYS Check Box

Form Label (**Field Label**): Proxy Configuration Allowed

# of Characters: Not applicable, or 0

Where to use it:

▶ User Log, User Picker
▶ User Data Picker
▶ Integration Interface
▶ Company Users Log
▶ Partner Users Log

Use this element for: Integration, Controlling Proxy login setup for users.

uuu_user_type

Data Definition: SYS User Type

Form Label (Field Label): User Type

# of Characters: 256

Where to use it: Company and Partner User Log

Use this element for: Displaying the User type, based on License Terms.

Data Types for User Defined Reports (UDRs)

The following table lists the standard data types that are available for user-defined reports (UDRs), and which level you can use them on.

Use this data type:	Shell	Company	UDR Template
Active Task Information	x	x	x
Commitment Summary	x		x
Company Cash Flow		x	
Company Cost		x	
Company User Information		x	
Cost Sheet - CBS	x		x
Cost Transactions -CBS	x		x
Cost Transactions MC - CBS	x		
Data View	x	x	x
Document Manager	x	x	x
Document Manager—Company		x	
Funding		x	x
Gates	x		x
Partner User Information		x	
Schedule of Values	x	x	x
Shell or Project Cash Flow	x		x
Shell or Project Cash Flow Summary Snapshot	x		x
Shell or Project Cost	x		x

Use this data type:	Shell	Company	UDR Template
Shell or Project Groups	x		x
Shell or Project Information	x		x
Shell or Project Users	x		x
Workflow Information	x	x	x
(Business process name)	x	x	

Note: This table does not include business processes, shell types, and so on, that were designed specifically for your company. What you can extract from them for reports depends on their designs.

In This Section

Active Task Information

Use this Data Source:	To get these details	Additional details:
Active Task Information	Business Process Name Record Number Record Title Record Type Sent for Sent From Setup Description	Setup Name Task Due Date Task Start Date Task Status Workflow Due Date Workflow Start
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL (eLearning)
Shell	Administrator Construction Type Description Location Creation Date Name Number Organization Category Phase	Shell Type Status Top Level Shell Name
Sub-workflow	Sub-workflow Allowed Duration Sub-workflow Description Sub-workflow Due Date	Sub-workflow Name Sub-workflow Start Date
Task Assignee	Cell Phone Company Name Company Short Name Creation Date Email Fax First Name Home Phone	Login ID Name Pager Registry Role Title Welcome Email Work Phone

Use this Data Source:	To get these details	Additional details:
	Last Name	
Company / Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company / Company Funding Summary in Base Currency	Commitment Funding Company Funds Company Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project level Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell / Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Project Schedule Summary	Finish Date	Start Date
Shell/Projects Custom	Type	Not applicable
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs

Use this Data Source:	To get these details	Additional details:
	Variance	Project Forecasts
	Company Forecasts (Unaccepted)	Project Forecasts Variance
	Company Manual Funding by CBS	Project Forecasts (Unaccepted)
	Company Revised Budget	Project Manual Funding by CBS
	Company Spends	Project Revised Budget
	Company CBS Funding	Project Spends
	Fixed Cost	Project CBS Funding
	Funded Records	Resource Actuals
		Unfunded Records
		Yet To Buy

CashFlow (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Project Cash Flow	Base Commit Record	Reference Elements
	Business Process	Reference Elements No
	Description	Rollup Status
	Detail Level	Time Scale By
	Name	Time Scale Format
Curves	Curve Name	Number
	Curve Type	Profile
	Datapoint Date	To Date
	Datapoint Value in Project Currency	Total in Project Currency
	Datapoint Value in Transaction Currency	Total in Transaction Currency
	Description	Unassigned in Project Currency
	From Date	Unassigner in Transaction Currency
	Line Number	CBS Code
	Name	
Shell	Administrator	Shell Type
	Construction Type	Top Level Shell Name
	Creation Date	

Use this Data Source:	To get these details	Additional details:
	Description Location Name Number Organization Category Phase Status	
Snapshots	Creator Date Created Title	Not applicable
Shell/Funding Summary in Base Currency	Project Funds Manual Funding by Project Manual Funding by CBS Project Funding	Records Funded at Project Level Records Funded at CBS Level CBS Funding
Shell/Projects Custom	Project Type	Not applicable
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records Yet To Buy
Snapshots/Curves	Curve Name	From Date

Use this Data Source:	To get these details	Additional details:
	Curve Type Datapoint Date Datapoint Value in Project Currency Datapoint Value in Transaction Currency	Profile To Date Total Total Project Unassigned Unassigned Project

CashFlow: Summary Snapshot (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Project Summary CashFlow	Name	Status
Shell	Administrator Construction Type Creation Date Description Location Name Number Organization Category Phase	Project/Shell Mailbox email id Shell Type Status Top Level Shell Name
Snapshots	Creator Date Created	Title
Shell/ Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS Level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell / Project Schedule Summary	Finish Date	Start Date
Shell/Projects Custom	Type	Not applicable

Use this Data Source:	To get these details	Additional details:
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records Yet To Buy
Snapshots / Curves	Curve Name Curve Type Datapoint Date Datapoint Value in Project Currency Datapoint Value in Transaction Currency	From Date Profile To Date Total Total Project Unassigned Unassigned Project

Company CashFlow

Use this data source:	To get these details	Additional details:
Company CashFlow	Description Name	Time Scale By Time Scale Format
Curves	Curve Name	Project Name

Use this data source:	To get these details	Additional details:
	Datapoint Date Datapoint Value From Date	Project Number To Date
Shell	Administrator Construction Type Creation Date Description Location Name Number Organization Category Phase	Shell Type Status Top Level Shell Name
Snapshots	Creator Date Created	Title
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment Level Records Funded at Project Level	Records Funded at CBS Level Transient Records Funded at Commitment Level Transient Records Funded at Project Level Transient Records Funded at CBS Level CBS Funding
Shell/Project Schedule Summary	Finish Date Start Date	Not applicable
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts

Use this data source:	To get these details	Additional details:
	Company Forecasts (Unaccepted)	Project Forecasts Variance
	Company Manual Funding by	Project Forecasts (Unaccepted)
	CBS	Project Manual Funding by CBS
	Company Revised Budget	Project Revised Budget
	Company Spends	Project Spends
	Company CBS Funding	Project CBS Funding
	Fixed Costs	Resource Actuals
	Funded Records	Unfunded Records
		Yet To Buy
Snapshots/Curves	Curve Name	From Date
	Datapoint Date	To Date
	Datapoint Value	Unassigned
Company CashFlow Curves	Curve Datasource	Datapoint Value
	Curve Name	End Date
	Curve Type	Granularity
	Datapoint Date	Start Date

Company Cost

Use this Data Source:	To get these details	Additional details:
Project Attribute	Project Number	Not applicable
	Project Name	
CBS Cost	Project Costs	Funded Records
	Company Costs	Labor Costs
	AFC	Non-Labor Costs
	Assigned Budget	Prior Forecasts
	Company Budget Remaining Balance	Project Budget Remaining Balance
	Company Budget Variance	Project Budget Variance
	Company Commits	Project Commits
	Company Costs	Project Forecasts
	Company Forecasts	Project Forecasts Variance
	Company Forecasts	Project Forecasts

Use this Data Source:	To get these details	Additional details:
	Variance	(Unaccepted)
	Company Forecasts (Unaccepted)	Project Manual Funding by CBS
	Company Manual Funding by CBS	Project Revised Budget
	Company Revised Budget	Project Spends
	Company Spends	Project CBS Funding
	Company CBS Funding	Resource Actuals
	Fixed Costs	Unfunded Records
		Yet To Buy

Company Funding

Use this Data Source:	To get these details	Additional details:
Company	Company Contact	Company Short Name
	Company Creation Date	Company URL
	Company Description	Help URL
	Company Name	Registry
Company/Company Accounts Summary in Base Currency	Account Codes	Projects
	Assets	Resource Actuals
Company Funding	Fund Category	Fund Long Description
	Fund code	Fund Name
	Fund Description	
Company Funding Sheet	CBS Funding	Manual Funding by Project
	Records Funded at CBS Level	Project Funds
	Records Funded at Project Level	Company Funds
	Project Funding	Company Funding
	Manual Funding by CBS	
Company/Company Funding Summary in Base Currency	Commitment Funding	Records Funded at Project Level
	Company Funds	Records Funded at CBS Level
	Company Funding	
	Funds	Transient Records Funded at Commitment level
	Manual Funding by Project	Transient Records Funded
	Manual Funding by CBS	

Use this Data Source:	To get these details	Additional details:
	Project Funding	at Project level
	Records Funded at Commitment level	Transient Records Funded at CBS level
		CBS Funding

Company User Information

Use this Data Source:	To get these details	Additional details:
Company User Information	Company Name Date Format Email Fax First Name Home Phone Last Name Login User Name	Mobile Phone Name Pager Proxy Name Status Time Zone Title Work Phone
Company	Company Contact Company Description	Company Name Company Short Name DUNS
Group	Description Group Name Manager	Not applicable
User Preference	Default Login View Email Subscription File Transfer Option Viewer Option	Not applicable

Cost Sheet (CBS)

Use this Data Source:	To get these details	Additional details:
Project	Project Site Project Number Project Name	Project Status Project Phase Type
CBS Attribute	CBS Segments	Cost Type

Use this Data Source:	To get these details	Additional details:
	CBS Code CBS Item Summary CBS Summary Level Display Order WBE Segments	Status Description Cost Attribute External Ref. ID Owner
CBS Cost	Project Costs BP Status AFC Assigned Budget Funded Records Unfunded Records Prior Forecasts	Yet To Buy Fixed Cost Labor Cost Non-Labor Cost Resource Actuals Transient Funded Records
Work Package	Title Reference No. Creation Date	Description Owner

Cost Transactions (CBS)

Use this Data Source:	To get these details	Additional details:
BP Record	Record No. Title Due Date Approval Date Send Date	Reference Number Rate in Project Currency Rate in Base Currency Status Business Process Type
Line Item	Short Description Item No. Description	Effective Date Amount
Project	Project Site Project Number Project Name	Project Status Project Phase Project type
CBS	Datasource Type	Not applicable

Use this Data Source:	To get these details	Additional details:
CBS Attribute	CBS Segments CBS Code CBS Item Summary CBS Summary Level Display Order	Cost Type Status Description Cost Attribute External Ref. ID Owner
Work Package	Title Reference No. Creation Date	Description Owner
Commit Summary	CBS Base Commits (pending and approved) CBS Change Commits (pending and approved)	CBS General Spends (pending and approved)

Cost (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Project	Project Site Project Number Project Name	Project Status Project Phase Type
CBS Attribute	CBS Segments CBS Item Summary CBS Summary Level Display Order Cost Type	Status Description Cost Attribute External Ref. ID Owner
CBS Cost	Project Costs AFC Assigned Budget Project Costs Fixed Costs Funded Records Unfunded Records Labor Costs Non-Labor Costs	Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project CBS Funding Project Manual Funding by CBS Project Revised Budget Project Spends Resource Actuals

Use this Data Source:	To get these details	Additional details:
	Prior Forecasts	Yet To Buy
	Project Budget Remaining Balance	Company Forecasts Variance
	Project Budget Variance	Company CBS Funding
	Project Commits	Company Manual Funding by CBS

Cost Transactions MC (CBS)

Use this Data Source:	To get these details	Additional details:
BP Record	Record No. Title Due Date Approval Date Send Date	Reference Number Rate in Project Currency Rate in Base Currency Status Business Process Type
Line Item	Short Description Item No. Description	Effective Date Amount
Project	Project Site Project Number Project Name	Project Status Project Phase Project type
CBS	Datasource Type	Not applicable
CBS Attribute	CBS Segments CBS Code CBS Item Summary CBS Summary Level Display Order	Cost Type Status Description Cost Attribute External Ref. ID Owner
Work Package	Title Reference No. Creation Date	Description Owner
Commit Summary	CBS Base Commits (pending and approved) CBS Change Commits (pending and approved)	CBS General Spends(pending and approved)

Use this Data Source:	To get these details	Additional details:
Attachment - Attachment/Comment/Attachment - Attachment/Reference File - Attachment/Comment/Attachment/Reference File - Attachment/Comment/Attachment/Markup - General Comment/Attachment - General Comment/Attachment/Comment/Attachment - General Comment/Attachment/Reference File - General Comment/Attachment/Comment/ - Attachment/Reference File	File Name File Size Issue Date Publication Date Publication No.	Reference Status Revision No. Title Upload By
- Attachment/Comment - General Comment - General Comment/Attachment/Comment	Attachments Create Date Creator	Creator Company Text Comment
Attachment/Markup Attachment/Comment/Attachment/Markup	Cell Phone Company Name Company Short Name Creation Date Creator Email Fax First Name Home Phone	Last Name Login ID Markup Name Pager Registry Role Size Welcome Email Work Phone
Commit Summary/Cost Attributes	Cost Attribute Cost Type Description	Status Summary Level summary CBS

Use this Data Source:	To get these details	Additional details:
	Display Order External Reference ID Owner	CBS Code CBS Item CBS code segments
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL	Help URL Instructions Label Registry Share with Wire URL
Company/Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/Company Funding Summary in Base Currency	Commitment Funding Company Funds Company Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project Level Records Funded at CBS Level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Cost Record	Approval Date Base Currency Base Currency Label business Process Name Business Process Type Creator Due Date Project Currency Project Currency Label Rate in Base Currency Rate in Project Currency Record Amount	Record Amount in Base Currency Record Amount in Project Currency Record No. Reference Number Send Date Status Title Transaction Currency Transaction Currency Label Update SOV Status

Use this Data Source:	To get these details	Additional details:
General Comment/Attachment/Markup General Comment/Attachment/Comment/Attachment/Markup	Cell Phone Company Name Company Short Name Creation Date Creator Email Fax First Name Home Phone	Last Name Login ID Markup Name Pager Registry Role Size Welcome Email Work Phone
Line Item	Amount Amount in Base Currency Amount in Project Currency Description Effective Date Funding Source	Item No. Rolled Up Short Description CBS Code CBS Item Work Package
Line Item/Funding Source	Fund Category Fund Code Fund Description	Fund Long Description Fund Name
Line Item/CBS Code	Cost Attribute Cost type Description Display Order External Ref. ID	Owner Status Summary Level Summary CBS CBS Code CBS Item
Shell	Administrator Construction Type Description Location Creation Date Name Number Organization Category Phase Status	Project/Shell Mailbox email id Shell Type Status Top Level Shell Name

Cost Transactions MC (CBS) (continued)

Use this Data Source:	To get these details	Additional details:
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records Yet To Buy
Shell/Projects Custom	Project Type	Not applicable
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Project Schedule Summary	Start Dates Finish Dates	Not applicable

Document Manager (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Category	Category	Not applicable
Comment Comment/Attachment/Comment	Attachments Create Date Creator	Creator Company Text Comment
Comment/Attachment Comment/Attachment/Reference File Comment/Attachment/Comment/Attachment Comment/Attachment/Comment/Attachment/Reference File Reference File Revision/Comment/Attachment/Reference File Revision/Reference File	File Name File Size Issue Date Publication Date Publication No. Reference Status Revision No. Title Upload By	Not applicable
Comment/Attachment/Markup Comment/Attachment/Comment/Attachment/Markup Revision/Comment/Attachment/Markup	Cell Phone Company Name Company Short Name Creation Date Creator Email Fax First Name Home Phone	Last Name Login ID Markup Name Pager Registry Role Size Welcome Email Work Phone
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL
Company/Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/Company	Commitment Funding	Records Funded at CBS

Use this Data Source:	To get these details	Additional details:
Funding Summary in Base Currency	Company Funds Company Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Document Attribute	% Complete Creation Date Description Issue Date Location Locked By Name Node Status Node Type	Owner Publication Date Publication No. Reference Node Type Reference Status Revision No. Size Title Uploaded By
Linked BP Record	Record No.	Not applicable
Markup Revision/Markup	Attachments Create Date Creator	Creator Company Status Text Comment
Phase	Phase	Not applicable
Owner	Cell Phone Company Name Company Short Name Creation Date Email Fax First Name Home Phone Last Name	Login ID Name Pager Registry Role Title Welcome Email Work Phone
Permission	Comment Copy Document/Shortcut Copy Folder Create Document/Shortcut	Group Name Modify Document/Shortcut Modify Document/Shortcut Permission

Use this Data Source:	To get these details	Additional details:
	Create Folder Delete Document/Shortcut Delete Folder Download Document	Revise Document User Name View Document/Shortcut View Folder
Shell	Construction Type Description Location Creation Date Name Number Organization Category Phase Status	Shell Type Top Level Shell Name
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records Yet To Buy
Shell/Projects Custom	Project Type	Not applicable
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project	Records Funded at CBS level Transient Records Funded at Commitment level

Use this Data Source:	To get these details	Additional details:
	Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Project Schedule Summary	Start Date Finish Date	Not applicable
Revision/Linked BP Record	Record No.	Not applicable

Document Manager (Company-level)

Use this Data Source:	To get these details	Additional details:
Comment Comment/Attachment/Comment Markup Revision Comment Revision/Markup	Attachments Create Date Creator Creator Company Text Comment	Not applicable
Comment/Attachment Comment/Attachment/Reference File Comment/Attachment/Comment/Attachment Comment/Attachment/Comment/Attachment/ Reference File Reference File Revision/Comment/Attachment Revision/Comment/Attachment/Reference File Revision/Reference File	File Name File Size Issue Date Publication Date Publication No. Reference Status Revision No. Title Upload By	Not applicable
Comment/Attachment/Markup Comment/Attachment/Comment/Attachment/Markup	Cell Phone Company Name Company Short Name Creation Date	Last Name Login ID Markup Name Pager

Use this Data Source:	To get these details	Additional details:
Revision/Comment/Attachment/Markup	Creator Email Fax First Name Home Phone	Registry Role Size Welcome Email Work Phone
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL
Company/Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/Company Funding Summary in Base Currency	Commitment Funding Company Funds Company Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project Level Records Funded at CBS Level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Document Attribute	% Complete Creation Date Description Issue Date Location Locked By Name Node Status Node Type	Owner Publication Date Publication No. Reference Node Type Reference Status Revision No. Size Title Uploaded By
Linked BP Record	Record No.	Not applicable
Owner	Cell Phone Company Name	Login ID Name

Use this Data Source:	To get these details	Additional details:
	Company Short Name Creation Date Email Fax First Name Home Phone Last Name	Pager Registry Role Title Welcome Email Work Phone
Permission	Comment Copy Document/Shortcut Copy Folder Create Document/Shortcut Create Folder Delete Document/Shortcut Delete Folder Download Document	Group Name Modify document/Shortcut Modify Document/Shortcut Permission Revise document User Name View document/Shortcut View Folder
Revision	File Name File Size Issue Date Owner Publication Date	Publication No. Reference Status Revision by Revision No. Title
Revision/Linked BP Record	Record No.	Not applicable

Funding

Use this Data Source:	To get these details	Additional details:
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL
Company/Company Accounts Summary in Base Currency	Account Codes Assets Projects	Not applicable

Use this Data Source:	To get these details	Additional details:
	Resource Actuals	
Company Funding Sheet	CBS Funding Records Funded at CBS Level Records Funded at Project Level Project Funding Manual Funding by CBS	Manual Funding by Project Project Funds Company Funds Company Funding
Company/Company Funding Summary in Base Currency	Commitment Funding Company Funds Company Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project Level Records Funded at CBS Level Transient Records Funded at Commitment Level Transient Records Funded at Project Level Transient Records Funded at CBS Level CBS Funding
Funding	Fund Category Fund Code Fund Description	Fund Long Description Fund Name
Funding Sheet	Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Project level	Records Funded at CBS level CBS Funding Funds
Shell/Projects Custom	Project Type	Not applicable
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Project Schedule	Start Dates	Not applicable

Use this Data Source:	To get these details	Additional details:
Summary	Finish Dates	
Shell	Administrator Construction Type Description Location Creation Date Name Number Organization Category Phase Status	Shell Type Top Level Shell Name
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records Yet To Buy

Gates

Use this Data Source:	To get these details	Additional details:
Project Gates	Auto Email as PDF Attachment	Setup Creator

Use this Data Source:	To get these details	Additional details:
	End By Last Update Date Schedule Frequency	Setup Description Setup Name Setup Status
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL
Company/Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/Company Funding Summary in Base Currency	Commitment Funding Company Funds Company Funding Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Gate Phase	Advanced By Auto Advance to Next Project Phase Phase End Date	Phase Name Phase Order Phase Start Date Phase Status
Gate Phase/Comment	Attachments Create Date Creator	Creator Company Text Comment
Gate Phase/Comment/Attachment Gate Phase/Comment/Attachment/Reference	File Name File Size Issue Date Publication Date Publication No.	Reference Status Revision No. Title Upload By File
Gate Phase/Comment/Attachmen	Cell Phone Company Name	Last Name Login ID

Use this Data Source:	To get these details	Additional details:
t/Markup	Company Short Name Creation Date Creator Email Fax First Name Home Phone	Markup Name Pager Registry Role Size Welcome Email Work Phone
Gate Phase/Gate Condition	Gate Element Condition Gate Element Name	Gate Element Value Ignore Condition
Shell	Administrator Construction Type Description Location Creation Date Name Number Organization Category Phase Status	Shell Type Top Level Shell Name
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends Company CBS Funding Fixed Costs Funded Records	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends Project CBS Funding Resource Actuals Unfunded Records

Use this Data Source:	To get these details	Additional details:
		Yet To Buy
Shell/Projects Custom	Project Type	Not applicable
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Project Schedule Summary	Start Dates Finish Dates	Not applicable

Groups (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Company	Company Name Company Contact	Company Short Name Active Status
Project Group	Group Name Description	Creation Date
Project User	Project Title Creation Date	Active Status
Project	Project Site Project Number Project Name	Project Status Project Phase Type
User	Login ID First Name Last Name Email Work Phone Home Phone Fax Cell Phone	Pager Role Welcome Email Title Creation Date Active Status User Name

Partner User Information

Use this Data Source:	To get these details	Additional details:
Partner User Information	Company Name Date Format Email Fax First Name Home Phone Last Name Login User Name	Mobile Phone Name Pager Proxy Name Status Time Zone Title Work Phone
Partner	Company Contact Company Description Company Name	Company Short Name DUNS
Group	Description Group Name	Manager
User Preference	Default Login View Email Subscription	File Transfer Option Viewer Option

Schedule of Value (SOV)

Use this Data Source:	To get these details	Additional details:
SOV	Assignment Breakdown Description Breakdown Name	SOV Base Record SOV Description
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact Email	Email Notifications Help URL Instructions Label Registry Share with Wire URL
SOV Cost Attributes	Cost Attribute Cost Type	Status Summary Level

Use this Data Source:	To get these details	Additional details:
	Description Display Order External Ref. ID Owner	Summary CBS CBS Code CBS Item CBS Segments
SOV Sheet	Commits Remaining Balance	Scheduled Value
Shell	Construction Type Creation Date Description Location Name Number Organization Category Phase	Shell Type Status Top Level Shell Name
Company/Company Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/Company Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level Records Funded at Project level	Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/Funding Summary in Base Currency	Project Funds Manual Funding by Project Manual Funding by CBS Project Funding	Records Funded at Project Level Records Funded at CBS Level CBS Funding
Shell/Project Schedule Summary	Finish Date	Start Date
Shell/Projects Custom	Project Type	Not applicable
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining

Use this Data Source:	To get these details	Additional details:
	Company Budget Variance	Balance
	Company Commits	Project Budget Variance
	Company Costs	Project Commits
	Company Forecasts	Project Costs
	Company Forecasts Variance	Project Forecasts
	Company Forecasts (Unaccepted)	Project Forecasts Variance
		Project Forecasts (Unaccepted)
	Company Manual Funding by CBS	Project Manual Funding by CBS
	Company Revised Budget	Project Revised Budget
	Company Spends	Project Spends
	Company CBS Funding	Project CBS Funding
	Fixed Costs	Resource Actuals
	Funded Records	Unfunded Records
		Yet To Buy

Shell Information

Use this Data Source:	To get these details	Additional details:
Shell Information	Base Currency	Description
	Base Currency Label	Manager
	Company	Name
	Company name	Number
	Default Currency	Organization Category
	Default Currency Label	Status
Company	Company Contact	Email Notifications
	Company Creation Date	Help URL
	Company Description	Instructions
	Company Name	Instructions (elearning)
	Company Short Name	Label
	Company URL	Registry
	Contact URL	Share with Wire
	Contact Email	URL
Shell	Administrator	Shell Type
	Construction Type	Top Level Shell Name

Use this Data Source:	To get these details	Additional details:
	Description Location Creation Date Name Number Organization Category Phase Status	
Company/ Accounts Summary in Base Currency	Account Codes Assets	Projects Resource Actuals
Company/ Company Funding Summary in Base Currency	Commitment Funding Company Funds Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project level Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell/ Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment level	Records Funded at Project level Records Funded at CBS level Transient Records Funded at Commitment level Transient Records Funded at Project level Transient Records Funded at CBS level CBS Funding
Shell / Project Schedule Summary	Finish Date	Start Date
Shell/Projects Custom	Type	Not applicable
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in	AFC Assigned Budget Company Budget	Labor Costs Non-Labor Costs

Use this Data Source:	To get these details	Additional details:
Default Currency	Remaining Balance	Prior Forecasts
	Company Budget Variance	Project Budget Remaining Balance
	Company Commits	Project Budget Variance
	Company Costs	Project Commits
	Company Forecasts	Project Costs
	Company Forecasts Variance	Project Forecasts
	Company Forecasts (Unaccepted)	Project Forecasts Variance
	Company Manual Funding by CBS	Project Forecasts (Unaccepted)
	Company Revised Budget	Project Manual Funding by CBS
	Company Spends	Project Revised Budget
	Company CBS Funding	Project Spends
	Fixed Costs	Project CBS Funding
	Funded Records	Resource Actuals
		Unfunded Records
		Yet To Buy

Users (Project/Shell)

Use this Data Source:	To get these details	Additional details:
Company	Company	Short Name
Project User	Project Title	Creation Date
	Active Status	
Project	Project Name	Project Number
User	User Login	Work Phone
	Active Status	Home Phone
	First Name	Cell Phone
	Last Name	FAX
	Email Address	Pager

Workflow Information

Use this Data Source:	To get these details	Additional details:
Workflow	Actual Duration Allowed Duration Business Process Name Due Date End Date Record Number	Record Title Setup Description Setup Name Start Date Workflow Status
Company	Company Contact Company Creation Date Company Description Company Name Company Short Name Company URL Contact URL Contact Email	Email Notifications Help URL Instructions Instructions (elearning) Label Registry Share with Wire URL
Shell and Projects	Administrator Construction Type Description Location Creation Date Name Number Organization Category Phase	Shell Type Status Top Level Shell Name
Sub-workflow Task/Sub-workflow	Sub-workflow Actual Duration Sub-workflow Allowed Duration Sub-workflow Description Sub-workflow Due Date	Sub-workflow End Date Sub-workflow Name Sub-workflow Start Date
Task	Sent For Sent From Task Action Task Actual Duration Task Allowed Duration	Task Due Date Task End Date Task Start Date To or CC Workflow Action
Company/Company Accounts Summary in Base	Account Codes Assets	Projects Resource Actuals

Use this Data Source:	To get these details	Additional details:
Currency		
Company/Company Funding Summary in Base Currency	Commitment Funding Company Funds Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment Level	Records Funded at Project Level Records Funded at CBS Level Transient Records Funded at Commitment Level Transient Records Funded at Project Level Transient Records Funded at CBS Level CBS Funding
Shell/Funding Summary in Base Currency	Commitment Funding Funds Manual Funding by Project Manual Funding by CBS Project Funding Records Funded at Commitment Level Records Funded at Project Level	Records Funded at CBS Level Transient Records Funded at Commitment Level Transient Records Funded at Project Level Transient Records Funded at CBS Level CBS Funding
Shell/Project Schedule Summary	Finish Date	Start Date
Shell/CBS Cost Summary in Base Currency Shell/CBS Cost Summary in Default Currency	AFC Assigned Budget Company Budget Remaining Balance Company Budget Variance Company Commits Company Costs Company Forecasts Company Forecasts Variance Company Forecasts (Unaccepted) Company Manual Funding by CBS Company Revised Budget Company Spends	Labor Costs Non-Labor Costs Prior Forecasts Project Budget Remaining Balance Project Budget Variance Project Commits Project Costs Project Forecasts Project Forecasts Variance Project Forecasts (Unaccepted) Project Manual Funding by CBS Project Revised Budget Project Spends

Use this Data Source:	To get these details	Additional details:
	Company CBS Funding Fixed Costs Funded Records	Project CBS Funding Resource Actuals Unfunded Records Yet To Buy
Task / Task Assignee and CC	Cell Phone Company Name Company Short Name Creation Date Email Fax First Name Home Phone Last Name	Login ID Name Pager Registry Role Title Welcome Email Work Phone

Codes for Importing User Records

The tables in this section list valid entry codes for non-text-entry fields. Use these codes for importing user records into the system using CSV files.

In This Section

Currency

When importing Business Processes (BPs), you often must specify a project currency that the system can use for cost BPs and other calculations. You may need to enter the code corresponding to the currency used where the project is located. The currency can also be set in a user preference template.

The following tables list the supported currencies and their supporting codes.

Currencies and codes (A-G)

Currency Name	Code
Afghani	AFN
Algeria Dinar	DZD
Ariary	MGA
Australia Dollar	AUD
Azerbaijanian Manat	AZN
Bahamas Dollar	BSD
Bahrain Dinar	BHD
Barbados Dollar	BBD
BCEAO Franc	XOF
Belarus Ruble	BYR

Currency Name	Code
Belize Dollar	BZD
Bermuda Dollar	BMD
Bhutan Ngultrum	BTN
Bolivia Boliviano	BOB
Botswana Pula	BWP
Brazil Real	BRL
Burundi Franc	BIF
Canada Dollar	CAD
Cape Verde Escudo	CVE
Cayman Isl ds Dollar	KYD
CFA Franc BEAC	XAF
Chile Peso	CLP
Chile UF	CLF
China Yuan Renminbi	CNY
Colombia Peso	COP
Comoros Franc	KMF
Comptoirs Francais du Pacifique Franc	XPF
Congo-Kinshasa Franc	CDF
Convertible Marka	BAM
Costa Rica Colon	CRC
Croatia Kuna	HRK
Cuba Peso	CUP
Cyprus Pound	CYP
Czech Republic Koruna	CZK
Denmark Krone	DKK
Dirham	AED
Djibouti Franc	DJF
Dobra	STD
Dominican Republic Peso	DOP
Dram	AMD
East Caribbean Dollar	XCD

Currency Name	Code
Egypt Pound	EGP
El Salvador Colon	SVC
Eritrea Nakfa	ERN
Estonia Kroon	EEK
Ethiopia Birr	ETB
Euro	EUR
Falkland Islands Pound	FKP
Fiji Dollar	FJD
Gambia Dalasi	GMD
Georgia Lari	GEL
Ghana New Cedi	GHs
Gibraltar Pound	GIP
Guatemala Quetzal	GTQ
Guilder	AWG
Guinea Franc	GNF
Guyana Dollar	GYD

Currencies and codes (H-N)

Currency Name	Code
Haiti Gourde	HTG
Honduras Lempira	HNL
Hong Kong Dollar	HKD
Hungary Forint	HUF
Iceland Krona	ISK
Indian Rupee	INR
Indonesia Rupiah	IDR
Iran Rial	IRR
Iraq Dinar	IQD
Israel New Shekel	ILS

Currency Name	Code
Jamaica Dollar	JMD
Jordan Dinar	JOD
Kazakhstan Tenge	KZT
Kenya Shilling	KES
Kuwait Dinar	KWD
Kwanza	AOA
Laos Kip	LAK
Latvia Lat	LVL
Lebanon Pound	LBP
Lek	ALL
Lesotho Loti	LSL
Lev	BGN
Liberia Dollar	LRD
Libya Dinar	LYD
Lithuania Litas	LTL
Macau Pataca	MOP
Macedonia Denar	MKD
Malawi Kwacha	MWK
Malaysia Ringgit	MYR
Maldives Rufiyaa	MVR
Malta Lira	MTL
Mauritania Ouguiya	MRO
Mauritius Rupee	MUR
Mexico Peso	MXN
Mongolia Tughrik	MNT
Morocco Dirham	MAD
Myanmar Kyat	MMK
Namibia Dollar	NAD
Nepal Rupee	NPR
Netherlands Antilles Guilder	ANG
New Mozambique Metical	MZN

Currency Name	Code
New Romania Leu	RON
New Turkish Lira	TRY
New Zealand Dollar	NZD
Nicaragua Gold Cordoba	NIO
Nigeria Naira	NGN
North Korea Won	KPW
Norway Krone	NOK

Currencies and codes (O-T)

Currency Name	Code
OmanRial	OMR
Paanga	TOP
Pakistan Rupee	PKR
PanamaBalboa	PAB
Papua New Guinea Kina	PGK
Paraguay Guarani	PYG
Peru Nuevo Sol	PEN
Peso	ARS
Philippines Peso	PHP
Poland Zloty	PLN
Pound Sterling	GBP
Qatar Riyal	QAR
Riel	KHR
Russia Ruble	RUB
Rwanda Franc	RWF
Saint Helena Pound	SHP
Saudi Arabia Riyal	SAR
Serbian Dinar	RSD
Seychelles Rupee	SCR

Currency Name	Code
Sierra Leone Leone	SLL
Singapore Dollar	SGD
Slovakia Koruna	SKK
Slovenia Tolar	SIT
Solomon Islands Dollar	SBD
Som	KGS
Somalia Shilling	SOS
South Africa Rand	ZAR
South Korea Won	KRW
South Sudanese Pound	SSP
Sri Lanka Rupee	LKR
Sudanese Dinar	SDG
Suriname Dollar	SDG
Sweden Krona	SEK
Switzerland Franc	CHF
Syria Pound	SYP
Taiwan New Dollar	TWD
Taka	BDT
Tala	WST
Tanzania Shilling	TZS
Thailand Baht	THB
Transnistria Moldova Leu	MDL
Trinidad and Tobago Dollar	TTD
Tunisia Dinar	TND
Turkmenistan Manat	TMM
Tuvalu Dollar	TVD

Currencies and codes (U-Z)

Currency Name	Code
Uganda Shilling	UGX
Ukraine Hryvna	UAH
United States Dollar	USD
Uruguay Peso	UYU
Uzbekistan Som	UZS
Vatu	VUV
Venezuela Bolivar Fuerte	VEF
Vietnam Dong	VND
Yemen Rial	YER
Yen	JPY
Zambia Kwacha	ZMK
Zimbabwe Dollar	ZWD

Time Zone

When importing user records, you must enter a starting time zone that the system can use for time stamps. You might want to enter the code corresponding to the company office where the user is located. Time zone is a user preference setting that the user can change later if necessary. The time zone can also be set in a user preference template.

About UTC

The Coordinated Universal Time (UTC) is a 24-hour time standard. The westernmost time zone uses UTC−12, being twelve hours behind UTC; the easternmost time zone, theoretically, uses UTC+12, being twelve hours ahead of UTC. Calculation of the UTC time standard is the same as with Greenwich Mean Time (GMT).

> **Note**: The local time in London is the same as UTC time.

The following table lists the UTC time standards used in the system.

Code	Time Standard/Zone	Information	Type
10	UTC+13:00	Samoa	Pacific/Apia
20	UTC-12:00	International Date Line West	Etc/GMT+12
21	UTC-10:00	Hawaii	Pacific/Honolulu

Code	Time Standard/Zone	Information	Type
30	UTC-11:00	Coordinated Universal Time-11	Etc/GMT+11
40	UTC-09:00	Alaska	America/Anchorage
41	UTC-07:00	Chihuahua, La Paz, Mazatlan	America/Chihuahua
50	UTC-08:00	Pacific Time (US and Canada)	America/Los_Angeles
51	UTC-08:00	Baja California	America/Santa_Isabel
70	UTC-07:00	Arizona	America/Phoenix
71	UTC-07:00	Mountain Time (US and Canada)	America/Denver
80	UTC-06:00	Central America	America/Guatemala
90	UTC-06:00	Central Time (US and Canada)	America/Chicago
91	UTC-06:00	Saskatchewan	America/Regina
92	UTC-06:00	Guadalajara, Mexico City, Monterrey	America/Mexico_City
110	UTC-05:00	Eastern Time (US and Canada)	America/New_York
111	UTC-05:00	Indiana (East)	America/Indianapolis
112	UTC-05:00	Bogota, Lima, Quito	America/Bogota
130	UTC-04:00	Atlantic Time (Canada)	America/Halifax
131	UTC-04:30	Caracas	America/Caracas
132	UTC-04:00	Asuncion	America/Asuncion
133	UTC-04:00	Cuiaba	America/Cuiaba
134	UTC-04:00	Georgetown, La Paz, Manaus, San Juan	America/La_Paz
135	UTC-04:00	Santiago	America/Santiago
140	UTC-03:30	Newfoundland	America/St_Johns
150	UTC-03:00	Brasilia	America/Sao_Paulo
151	UTC-03:00	Buenos Aires	America/Buenos_Air

Code	Time Standard/Zone	Information	Type
			es
152	UTC-03:00	Cayenne, Fortaleza	America/Cayenne
153	UTC-03:00	Greenland	America/Godthab
154	UTC-03:00	Montevideo	America/Montevideo
155	UTC-03:00	Salvador	America/Bahia
160	UTC-02:00	Coordinated Universal Time-02	Etc/GMT+2
170	UTC-01:00	Azores	Atlantic/Azores
171	UTC-01:00	Cape Verde Is.	Atlantic/Cape_Verde
180	UTC	Dublin, Edinburgh, Lisbon, London	Europe/London
181	UTC	Dublin	Europe/Dublin
182	UTC	Casablanca	Africa/Casablanca
183	UTC	Coordinated Universal Time	Etc/GMT
184	UTC	Monrovia, Reykjavik	Atlantic/Reykjavik
200	UTC+01:00	Amsterdam	Europe/Amsterdam
201	UTC+01:00	Brussels, Copenhagen, Madrid, Paris	Europe/Paris
202	UTC+01:00	Belgrade, Bratislava, Budapest, Ljubljana, Prague	Europe/Budapest
203	UTC+01:00	Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna	Europe/Berlin
204	UTC+01:00	Sarajevo, Skopje, Warsaw, Zagreb	Europe/Warsaw
205	UTC+01:00	West Central Africa	Africa/Lagos
206	UTC+01:00	Windhoek	Africa/Windhoek
210	UTC+02:00	Athens, Bucharest	Europe/Bucharest
211	UTC+02:00	Cairo	Africa/Cairo
212	UTC+02:00	Beirut	Asia/Beirut
213	UTC+02:00	Jerusalem	Asia/Jerusalem

Code	Time Standard/Zone	Information	Type
214	UTC+02:00	Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius	Europe/Helsinki
215	UTC+02:00	Harare, Pretoria	Africa/Johannesburg
220	UTC+02:00	Damascus	Asia/Damascus
221	UTC+02:00	Istanbul	Europe/Istanbul
222	UTC+02:00	Tripoli	Africa/Tripoli
223	UTC+03:00	Amman	Asia/Amman
224	UTC+03:00	Kaliningrad, Minsk	Europe/Kaliningrad
225	UTC+03:00	Kuwait, Riyadh	Asia/Riyadh
230	UTC+03:00	Nairobi	Africa/Nairobi
231	UTC+04:00	Moscow, St. Petersburg, Volgograd	Europe/Moscow
232	UTC+03:00	Baghdad	Asia/Baghdad
240	UTC+03:30	Tehran	Asia/Tehran
250	UTC+04:00	Abu Dhabi, Muscat	Asia/Dubai
251	UTC+04:00	Baku	Asia/Baku
252	UTC+04:00	Port Louis	Indian/Mauritius
253	UTC+04:00	Tbilisi	Asia/Tbilisi
254	UTC+04:00	Yerevan	Asia/Yerevan
260	UTC+04:30	Kabul	Asia/Kabul
261	UTC+05:00	Ashgabat, Tashkent	Asia/Tashkent
270	UTC+06:00	Yekaterinburg	Asia/Yekaterinburg
280	UTC+05:00	Islamabad, Karachi	Asia/Karachi
290	UTC+05:30	Chennai, Kolkata, Mumbai, New Delhi	Asia/Calcutta
300	UTC+06:00	Astana	Asia/Almaty
301	UTC+06:00	Dhaka	Asia/Dhaka
302	UTC+06:30	Yangon (Rangoon)	Asia/Rangoon
310	UTC+07:00	Bangkok, Hanoi, Jakarta	Asia/Bangkok
311	UTC+08:00	Krasnoyarsk	Asia/Krasnoyarsk

Code	Time Standard/Zone	Information	Type
320	UTC+08:00	Perth	Australia/Perth
321	UTC+08:00	Beijing, Chongqing, Hong Kong, Urumqi	Asia/Shanghai
322	UTC+08:00	Kuala Lumpur, Singapore	Asia/Singapore
323	UTC+08:00	Taipei	Asia/Taipei
324	UTC+09:00	Irkutsk	Asia/Irkutsk
340	UTC+09:00	Seoul	Asia/Seoul
341	UTC+09:00	Osaka, Sapporo, Tokyo	Asia/Tokyo
342	UTC+10:00	Yakutsk	Asia/Yakutsk
350	UTC+09:30	Darwin	Australia/Darwin
351	UTC+09:30	Adelaide	Australia/Adelaide
360	UTC+10:00	Brisbane	Australia/Brisbane
361	UTC+10:00	Canberra, Melbourne, Sydney	Australia/Sydney
362	UTC+10:00	Hobart	Australia/Hobart
363	UTC+11:00	Vladivostok	Asia/Vladivostok
364	UTC+10:00	Guam, Port Moresby	Pacific/Port_Moresby
380	UTC+07:00	Novosibirsk	Asia/Novosibirsk
390	UTC+08:00	Ulaanbaatar	Asia/Ulaanbaatar
391	UTC+11:00	Solomon Is., New Caledonia	Pacific/Guadalcanal
392	UTC+12:00	Magadan	Asia/Magadan
400	UTC+12:00	Coordinated Universal Time+12	Etc/GMT-12
410	UTC+12:00	Fiji	Pacific/Fiji
411	UTC+12:00	Auckland, Wellington	Antarctica/McMurdo
420	UTC+13:00	Nuku'alofa	Pacific/Tongatapu
430	UTC+05:30	Sri Jayawardenepura	Asia/Colombo
440	UTC+05:45	Kathmandu	Asia/Katmandu

Server Time Zone

The following is a list of available server time zones supported by JDK.

1 Zone Name = Greenwich Mean Time, Zone Id = Africa/Abidjan, Offset = (GMT + 00:00)

2 Zone Name = Ghana Mean Time, Zone Id = Africa/Accra, Offset = (GMT + 00:00)

3 Zone Name = Eastern African Time, Zone Id = Africa/Addis_Ababa, Offset = (GMT + 03:00)

4 Zone Name = Central European Time, Zone Id = Africa/Algiers, Offset = (GMT + 01:00)

5 Zone Name = Eastern African Time, Zone Id = Africa/Asmara, Offset = (GMT + 03:00)

6 Zone Name = Eastern African Time, Zone Id = Africa/Asmera, Offset = (GMT + 03:00)

7 Zone Name = Greenwich Mean Time, Zone Id = Africa/Bamako, Offset = (GMT + 00:00)

8 Zone Name = Western African Time, Zone Id = Africa/Bangui, Offset = (GMT + 01:00)

9 Zone Name = Greenwich Mean Time, Zone Id = Africa/Banjul, Offset = (GMT + 00:00)

10 Zone Name = Greenwich Mean Time, Zone Id = Africa/Bissau, Offset = (GMT + 00:00)

11 Zone Name = Central African Time, Zone Id = Africa/Blantyre, Offset = (GMT + 02:00)

12 Zone Name = Western African Time, Zone Id = Africa/Brazzaville, Offset = (GMT + 01:00)

13 Zone Name = Central African Time, Zone Id = Africa/Bujumbura, Offset = (GMT + 02:00)

14 Zone Name = Eastern European Time, Zone Id = Africa/Cairo, Offset = (GMT + 02:00)

15 Zone Name = Western European Time, Zone Id = Africa/Casablanca, Offset = (GMT + 00:00)

16 Zone Name = Central European Time, Zone Id = Africa/Ceuta, Offset = (GMT + 01:00)

17 Zone Name = Greenwich Mean Time, Zone Id = Africa/Conakry, Offset = (GMT + 00:00)

18 Zone Name = Greenwich Mean Time, Zone Id = Africa/Dakar, Offset = (GMT + 00:00)

19 Zone Name = Eastern African Time, Zone Id = Africa/Dar_es_Salaam, Offset = (GMT + 03:00)

20 Zone Name = Eastern African Time, Zone Id = Africa/Djibouti, Offset = (GMT + 03:00)

21 Zone Name = Western African Time, Zone Id = Africa/Douala, Offset = (GMT + 01:00)

22 Zone Name = Western European Time, Zone Id = Africa/El_Aaiun, Offset = (GMT + 00:00)

23 Zone Name = Greenwich Mean Time, Zone Id = Africa/Freetown, Offset = (GMT + 00:00)

24 Zone Name = Central African Time, Zone Id = Africa/Gaborone, Offset = (GMT + 02:00)

25 Zone Name = Central African Time, Zone Id = Africa/Harare, Offset = (GMT + 02:00)

26 Zone Name = South Africa Standard Time, Zone Id = Africa/Johannesburg, Offset = (GMT + 02:00)

27 Zone Name = Eastern African Time, Zone Id = Africa/Juba, Offset = (GMT + 03:00)

28 Zone Name = Eastern African Time, Zone Id = Africa/Kampala, Offset = (GMT + 03:00)

29 Zone Name = Eastern African Time, Zone Id = Africa/Khartoum, Offset = (GMT + 03:00)

30 Zone Name = Central African Time, Zone Id = Africa/Kigali, Offset = (GMT + 02:00)

31 Zone Name = Western African Time, Zone Id = Africa/Kinshasa, Offset = (GMT + 01:00)

32 Zone Name = Western African Time, Zone Id = Africa/Lagos, Offset = (GMT + 01:00)

33 Zone Name = Western African Time, Zone Id = Africa/Libreville, Offset = (GMT + 01:00)

34 Zone Name = Greenwich Mean Time, Zone Id = Africa/Lome, Offset = (GMT + 00:00)

35 Zone Name = Western African Time, Zone Id = Africa/Luanda, Offset = (GMT + 01:00)

36 Zone Name = Central African Time, Zone Id = Africa/Lubumbashi, Offset = (GMT + 02:00)

37 Zone Name = Central African Time, Zone Id = Africa/Lusaka, Offset = (GMT + 02:00)

38 Zone Name = Western African Time, Zone Id = Africa/Malabo, Offset = (GMT + 01:00)

39 Zone Name = Central African Time, Zone Id = Africa/Maputo, Offset = (GMT + 02:00)

40 Zone Name = South Africa Standard Time, Zone Id = Africa/Maseru, Offset = (GMT + 02:00)

41 Zone Name = South Africa Standard Time, Zone Id = Africa/Mbabane, Offset = (GMT + 02:00)

42 Zone Name = Eastern African Time, Zone Id = Africa/Mogadishu, Offset = (GMT + 03:00)

43 Zone Name = Greenwich Mean Time, Zone Id = Africa/Monrovia, Offset = (GMT + 00:00)

44 Zone Name = Eastern African Time, Zone Id = Africa/Nairobi, Offset = (GMT + 03:00)

45 Zone Name = Western African Time, Zone Id = Africa/Ndjamena, Offset = (GMT + 01:00)

46 Zone Name = Western African Time, Zone Id = Africa/Niamey, Offset = (GMT + 01:00)

47 Zone Name = Greenwich Mean Time, Zone Id = Africa/Nouakchott, Offset = (GMT + 00:00)

48 Zone Name = Greenwich Mean Time, Zone Id = Africa/Ouagadougou, Offset = (GMT + 00:00)

49 Zone Name = Western African Time, Zone Id = Africa/Porto-Novo, Offset = (GMT + 01:00)

50 Zone Name = Greenwich Mean Time, Zone Id = Africa/Sao_Tome, Offset = (GMT + 00:00)

51 Zone Name = Greenwich Mean Time, Zone Id = Africa/Timbuktu, Offset = (GMT + 00:00)

52 Zone Name = Eastern European Time, Zone Id = Africa/Tripoli, Offset = (GMT + 02:00)

53 Zone Name = Central European Time, Zone Id = Africa/Tunis, Offset = (GMT + 01:00)

54 Zone Name = Western African Time, Zone Id = Africa/Windhoek, Offset = (GMT + 02:00)

55 Zone Name = Hawaii Standard Time, Zone Id = America/Adak, Offset = (GMT - 10:00)

56 Zone Name = Alaska Standard Time, Zone Id = America/Anchorage, Offset = (GMT - 09:00)

57 Zone Name = Atlantic Standard Time, Zone Id = America/Anguilla, Offset = (GMT - 04:00)

58 Zone Name = Atlantic Standard Time, Zone Id = America/Antigua, Offset = (GMT - 04:00)

59 Zone Name = Brasilia Time, Zone Id = America/Araguaina, Offset = (GMT - 03:00)

60 Zone Name = Argentine Time, Zone Id = America/Argentina/Buenos_Aires, Offset = (GMT - 03:00)

61 Zone Name = Argentine Time, Zone Id = America/Argentina/Catamarca, Offset = (GMT - 03:00)

62 Zone Name = Argentine Time, Zone Id = America/Argentina/ComodRivadavia, Offset = (GMT - 03:00)

63 Zone Name = Argentine Time, Zone Id = America/Argentina/Cordoba, Offset = (GMT - 03:00)

64 Zone Name = Argentine Time, Zone Id = America/Argentina/Jujuy, Offset = (GMT - 03:00)

65 Zone Name = Argentine Time, Zone Id = America/Argentina/La_Rioja, Offset = (GMT - 03:00)

66 Zone Name = Argentine Time, Zone Id = America/Argentina/Mendoza, Offset = (GMT - 03:00)

67 Zone Name = Argentine Time, Zone Id = America/Argentina/Rio_Gallegos, Offset = (GMT - 03:00)

68 Zone Name = Argentine Time, Zone Id = America/Argentina/Salta, Offset = (GMT - 03:00)

69 Zone Name = Argentine Time, Zone Id = America/Argentina/San_Juan, Offset = (GMT - 03:00)

70 Zone Name = Argentine Time, Zone Id = America/Argentina/San_Luis, Offset = (GMT - 03:00)

71 Zone Name = Argentine Time, Zone Id = America/Argentina/Tucuman, Offset = (GMT - 03:00)

72 Zone Name = Argentine Time, Zone Id = America/Argentina/Ushuaia, Offset = (GMT - 03:00)

73 Zone Name = Atlantic Standard Time, Zone Id = America/Aruba, Offset = (GMT - 04:00)

74 Zone Name = Paraguay Time, Zone Id = America/Asuncion, Offset = (GMT - 03:00)

75 Zone Name = Eastern Standard Time, Zone Id = America/Atikokan, Offset = (GMT - 05:00)

76 Zone Name = Hawaii Standard Time, Zone Id = America/Atka, Offset = (GMT - 10:00)

77 Zone Name = Brasilia Time, Zone Id = America/Bahia, Offset = (GMT - 03:00)

78 Zone Name = Central Standard Time, Zone Id = America/Bahia_Banderas, Offset = (GMT - 06:00)

79 Zone Name = Atlantic Standard Time, Zone Id = America/Barbados, Offset = (GMT - 04:00)

80 Zone Name = Brasilia Time, Zone Id = America/Belem, Offset = (GMT - 03:00)

81 Zone Name = Central Standard Time, Zone Id = America/Belize, Offset = (GMT - 06:00)

82 Zone Name = Atlantic Standard Time, Zone Id = America/Blanc-Sablon, Offset = (GMT - 04:00)

83 Zone Name = Amazon Time, Zone Id = America/Boa_Vista, Offset = (GMT - 04:00)

84 Zone Name = Colombia Time, Zone Id = America/Bogota, Offset = (GMT - 05:00)

85 Zone Name = Mountain Standard Time, Zone Id = America/Boise, Offset = (GMT - 07:00)

86 Zone Name = Argentine Time, Zone Id = America/Buenos_Aires, Offset = (GMT - 03:00)

87 Zone Name = Mountain Standard Time, Zone Id = America/Cambridge_Bay, Offset = (GMT - 07:00)

88 Zone Name = Amazon Time, Zone Id = America/Campo_Grande, Offset = (GMT - 03:00)

89 Zone Name = Eastern Standard Time, Zone Id = America/Cancun, Offset = (GMT - 05:00)

90 Zone Name = Venezuela Time, Zone Id = America/Caracas, Offset = (GMT - 04:00)

91 Zone Name = Argentine Time, Zone Id = America/Catamarca, Offset = (GMT - 03:00)

92 Zone Name = French Guiana Time, Zone Id = America/Cayenne, Offset = (GMT - 03:00)

93 Zone Name = Eastern Standard Time, Zone Id = America/Cayman, Offset = (GMT - 05:00)

94 Zone Name = Central Standard Time, Zone Id = America/Chicago, Offset = (GMT - 06:00)

95 Zone Name = Mountain Standard Time, Zone Id = America/Chihuahua, Offset = (GMT - 07:00)

96 Zone Name = Eastern Standard Time, Zone Id = America/Coral_Harbour, Offset = (GMT - 05:00)

97 Zone Name = Argentine Time, Zone Id = America/Cordoba, Offset = (GMT - 03:00)

98 Zone Name = Central Standard Time, Zone Id = America/Costa_Rica, Offset = (GMT - 06:00)

99 Zone Name = Mountain Standard Time, Zone Id = America/Creston, Offset = (GMT - 07:00)

100 Zone Name = Amazon Time, Zone Id = America/Cuiaba, Offset = (GMT - 03:00)

101 Zone Name = Atlantic Standard Time, Zone Id = America/Curacao, Offset = (GMT - 04:00)

102 Zone Name = Greenwich Mean Time, Zone Id = America/Danmarkshavn, Offset = (GMT + 00:00)

103 Zone Name = Pacific Standard Time, Zone Id = America/Dawson, Offset = (GMT - 08:00)

104 Zone Name = Mountain Standard Time, Zone Id = America/Dawson_Creek, Offset = (GMT - 07:00)

105 Zone Name = Mountain Standard Time, Zone Id = America/Denver, Offset = (GMT - 07:00)

106 Zone Name = Eastern Standard Time, Zone Id = America/Detroit, Offset = (GMT - 05:00)

107 Zone Name = Atlantic Standard Time, Zone Id = America/Dominica, Offset = (GMT - 04:00)

108 Zone Name = Mountain Standard Time, Zone Id = America/Edmonton, Offset = (GMT - 07:00)

109 Zone Name = Acre Time, Zone Id = America/Eirunepe, Offset = (GMT - 05:00)

110 Zone Name = Central Standard Time, Zone Id = America/El_Salvador, Offset = (GMT - 06:00)

111 Zone Name = Pacific Standard Time, Zone Id = America/Ensenada, Offset = (GMT - 08:00)

112 Zone Name = Mountain Standard Time, Zone Id = America/Fort_Nelson, Offset = (GMT - 07:00)

113 Zone Name = Eastern Standard Time, Zone Id = America/Fort_Wayne, Offset = (GMT - 05:00)

114 Zone Name = Brasilia Time, Zone Id = America/Fortaleza, Offset = (GMT - 03:00)

115 Zone Name = Atlantic Standard Time, Zone Id = America/Glace_Bay, Offset = (GMT - 04:00)

116 Zone Name = Western Greenland Time, Zone Id = America/Godthab, Offset = (GMT - 03:00)

117 Zone Name = Atlantic Standard Time, Zone Id = America/Goose_Bay, Offset = (GMT - 04:00)

118 Zone Name = Atlantic Standard Time, Zone Id = America/Grand_Turk, Offset = (GMT - 04:00)

119 Zone Name = Atlantic Standard Time, Zone Id = America/Grenada, Offset = (GMT - 04:00)

120 Zone Name = Atlantic Standard Time, Zone Id = America/Guadeloupe, Offset = (GMT - 04:00)

121 Zone Name = Central Standard Time, Zone Id = America/Guatemala, Offset = (GMT - 06:00)

122 Zone Name = Ecuador Time, Zone Id = America/Guayaquil, Offset = (GMT - 05:00)

123 Zone Name = Guyana Time, Zone Id = America/Guyana, Offset = (GMT - 04:00)

124 Zone Name = Atlantic Standard Time, Zone Id = America/Halifax, Offset = (GMT - 04:00)

125 Zone Name = Cuba Standard Time, Zone Id = America/Havana, Offset = (GMT - 05:00)

126 Zone Name = Mountain Standard Time, Zone Id = America/Hermosillo, Offset = (GMT - 07:00)

127 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Indianapolis, Offset = (GMT - 05:00)

128 Zone Name = Central Standard Time, Zone Id = America/Indiana/Knox, Offset = (GMT - 06:00)

129 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Marengo, Offset = (GMT - 05:00)

130 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Petersburg, Offset = (GMT - 05:00)

131 Zone Name = Central Standard Time, Zone Id = America/Indiana/Tell_City, Offset = (GMT - 06:00)

132 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Vevay, Offset = (GMT - 05:00)

133 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Vincennes, Offset = (GMT - 05:00)

134 Zone Name = Eastern Standard Time, Zone Id = America/Indiana/Winamac, Offset = (GMT - 05:00)

135 Zone Name = Eastern Standard Time, Zone Id = America/Indianapolis, Offset = (GMT - 05:00)

136 Zone Name = Mountain Standard Time, Zone Id = America/Inuvik, Offset = (GMT - 07:00)

137 Zone Name = Eastern Standard Time, Zone Id = America/Iqaluit, Offset = (GMT - 05:00)

138 Zone Name = Eastern Standard Time, Zone Id = America/Jamaica, Offset = (GMT - 05:00)

139 Zone Name = Argentine Time, Zone Id = America/Jujuy, Offset = (GMT - 03:00)

140 Zone Name = Alaska Standard Time, Zone Id = America/Juneau, Offset = (GMT - 09:00)

141 Zone Name = Eastern Standard Time, Zone Id = America/Kentucky/Louisville, Offset = (GMT - 05:00)

142 Zone Name = Eastern Standard Time, Zone Id = America/Kentucky/Monticello, Offset = (GMT - 05:00)

143 Zone Name = Central Standard Time, Zone Id = America/Knox_IN, Offset = (GMT - 06:00)

144 Zone Name = Atlantic Standard Time, Zone Id = America/Kralendijk, Offset = (GMT - 04:00)

145 Zone Name = Bolivia Time, Zone Id = America/La_Paz, Offset = (GMT - 04:00)

146 Zone Name = Peru Time, Zone Id = America/Lima, Offset = (GMT - 05:00)

147 Zone Name = Pacific Standard Time, Zone Id = America/Los_Angeles, Offset = (GMT - 08:00)

148 Zone Name = Eastern Standard Time, Zone Id = America/Louisville, Offset = (GMT - 05:00)

149 Zone Name = Atlantic Standard Time, Zone Id = America/Lower_Princes, Offset = (GMT - 04:00)

150 Zone Name = Brasilia Time, Zone Id = America/Maceio, Offset = (GMT - 03:00)

151 Zone Name = Central Standard Time, Zone Id = America/Managua, Offset = (GMT - 06:00)

152 Zone Name = Amazon Time, Zone Id = America/Manaus, Offset = (GMT - 04:00)

153 Zone Name = Atlantic Standard Time, Zone Id = America/Marigot, Offset = (GMT - 04:00)

154 Zone Name = Atlantic Standard Time, Zone Id = America/Martinique, Offset = (GMT - 04:00)

155 Zone Name = Central Standard Time, Zone Id = America/Matamoros, Offset = (GMT - 06:00)

156 Zone Name = Mountain Standard Time, Zone Id = America/Mazatlan, Offset = (GMT - 07:00)

157 Zone Name = Argentine Time, Zone Id = America/Mendoza, Offset = (GMT - 03:00)

158 Zone Name = Central Standard Time, Zone Id = America/Menominee, Offset = (GMT - 06:00)

159 Zone Name = Central Standard Time, Zone Id = America/Merida, Offset = (GMT - 06:00)

160 Zone Name = Alaska Standard Time, Zone Id = America/Metlakatla, Offset = (GMT - 09:00)

161 Zone Name = Central Standard Time, Zone Id = America/Mexico_City, Offset = (GMT - 06:00)

162 Zone Name = Pierre & Miquelon Standard Time, Zone Id = America/Miquelon, Offset = (GMT - 03:00)

163 Zone Name = Atlantic Standard Time, Zone Id = America/Moncton, Offset = (GMT - 04:00)

164 Zone Name = Central Standard Time, Zone Id = America/Monterrey, Offset = (GMT - 06:00)

165 Zone Name = Uruguay Time, Zone Id = America/Montevideo, Offset = (GMT - 03:00)

166 Zone Name = Eastern Standard Time, Zone Id = America/Montreal, Offset = (GMT - 05:00)

167 Zone Name = Atlantic Standard Time, Zone Id = America/Montserrat, Offset = (GMT - 04:00)

168 Zone Name = Eastern Standard Time, Zone Id = America/Nassau, Offset = (GMT - 05:00)

169 Zone Name = Eastern Standard Time, Zone Id = America/New_York, Offset = (GMT - 05:00)

170 Zone Name = Eastern Standard Time, Zone Id = America/Nipigon, Offset = (GMT - 05:00)

171 Zone Name = Alaska Standard Time, Zone Id = America/Nome, Offset = (GMT - 09:00)

172 Zone Name = Fernando de Noronha Time, Zone Id = America/Noronha, Offset = (GMT - 02:00)

173 Zone Name = Central Standard Time, Zone Id = America/North_Dakota/Beulah, Offset = (GMT - 06:00)

174 Zone Name = Central Standard Time, Zone Id = America/North_Dakota/Center, Offset = (GMT - 06:00)

175 Zone Name = Central Standard Time, Zone Id = America/North_Dakota/New_Salem, Offset = (GMT - 06:00)

176 Zone Name = Mountain Standard Time, Zone Id = America/Ojinaga, Offset = (GMT - 07:00)

177 Zone Name = Eastern Standard Time, Zone Id = America/Panama, Offset = (GMT - 05:00)

178 Zone Name = Eastern Standard Time, Zone Id = America/Pangnirtung, Offset = (GMT - 05:00)

179 Zone Name = Suriname Time, Zone Id = America/Paramaribo, Offset = (GMT - 03:00)

180 Zone Name = Mountain Standard Time, Zone Id = America/Phoenix, Offset = (GMT - 07:00)

181 Zone Name = Eastern Standard Time, Zone Id = America/Port-au-Prince, Offset = (GMT - 05:00)

182 Zone Name = Atlantic Standard Time, Zone Id = America/Port_of_Spain, Offset = (GMT - 04:00)

183 Zone Name = Acre Time, Zone Id = America/Porto_Acre, Offset = (GMT - 05:00)

184 Zone Name = Amazon Time, Zone Id = America/Porto_Velho, Offset = (GMT - 04:00)

185 Zone Name = Atlantic Standard Time, Zone Id = America/Puerto_Rico, Offset = (GMT - 04:00)

186 Zone Name = Central Standard Time, Zone Id = America/Rainy_River, Offset = (GMT - 06:00)

187 Zone Name = Central Standard Time, Zone Id = America/Rankin_Inlet, Offset = (GMT - 06:00)

188 Zone Name = Brasilia Time, Zone Id = America/Recife, Offset = (GMT - 03:00)

189 Zone Name = Central Standard Time, Zone Id = America/Regina, Offset = (GMT - 06:00)

190 Zone Name = Central Standard Time, Zone Id = America/Resolute, Offset = (GMT - 06:00)

191 Zone Name = Acre Time, Zone Id = America/Rio_Branco, Offset = (GMT - 05:00)

192 Zone Name = Argentine Time, Zone Id = America/Rosario, Offset = (GMT - 03:00)

193 Zone Name = Pacific Standard Time, Zone Id = America/Santa_Isabel, Offset = (GMT - 08:00)

194 Zone Name = Brasilia Time, Zone Id = America/Santarem, Offset = (GMT - 03:00)

195 Zone Name = Chile Time, Zone Id = America/Santiago, Offset = (GMT - 03:00)

196 Zone Name = Atlantic Standard Time, Zone Id = America/Santo_Domingo, Offset = (GMT - 04:00)

197 Zone Name = Brasilia Time, Zone Id = America/Sao_Paulo, Offset = (GMT - 02:00)

198 Zone Name = Eastern Greenland Time, Zone Id = America/Scoresbysund, Offset = (GMT - 01:00)

199 Zone Name = Mountain Standard Time, Zone Id = America/Shiprock, Offset = (GMT - 07:00)

200 Zone Name = Alaska Standard Time, Zone Id = America/Sitka, Offset = (GMT - 09:00)

201 Zone Name = Atlantic Standard Time, Zone Id = America/St_Barthelemy, Offset = (GMT - 04:00)

202 Zone Name = Newfoundland Standard Time, Zone Id = America/St_Johns, Offset = (GMT - 03:30)

203 Zone Name = Atlantic Standard Time, Zone Id = America/St_Kitts, Offset = (GMT - 04:00)

204 Zone Name = Atlantic Standard Time, Zone Id = America/St_Lucia, Offset = (GMT - 04:00)

205 Zone Name = Atlantic Standard Time, Zone Id = America/St_Thomas, Offset = (GMT - 04:00)

206 Zone Name = Atlantic Standard Time, Zone Id = America/St_Vincent, Offset = (GMT - 04:00)

207 Zone Name = Central Standard Time, Zone Id = America/Swift_Current, Offset = (GMT - 06:00)

208 Zone Name = Central Standard Time, Zone Id = America/Tegucigalpa, Offset = (GMT - 06:00)

209 Zone Name = Atlantic Standard Time, Zone Id = America/Thule, Offset = (GMT - 04:00)

210 Zone Name = Eastern Standard Time, Zone Id = America/Thunder_Bay, Offset = (GMT - 05:00)

211 Zone Name = Pacific Standard Time, Zone Id = America/Tijuana, Offset = (GMT - 08:00)

212 Zone Name = Eastern Standard Time, Zone Id = America/Toronto, Offset = (GMT - 05:00)

213 Zone Name = Atlantic Standard Time, Zone Id = America/Tortola, Offset = (GMT - 04:00)

214 Zone Name = Pacific Standard Time, Zone Id = America/Vancouver, Offset = (GMT - 08:00)

215 Zone Name = Atlantic Standard Time, Zone Id = America/Virgin, Offset = (GMT - 04:00)

216 Zone Name = Pacific Standard Time, Zone Id = America/Whitehorse, Offset = (GMT - 08:00)

217 Zone Name = Central Standard Time, Zone Id = America/Winnipeg, Offset = (GMT - 06:00)

218 Zone Name = Alaska Standard Time, Zone Id = America/Yakutat, Offset = (GMT - 09:00)

219 Zone Name = Mountain Standard Time, Zone Id = America/Yellowknife, Offset = (GMT - 07:00)

220 Zone Name = Australian Western Standard Time, Zone Id = Antarctica/Casey, Offset = (GMT + 08:00)

221 Zone Name = Davis Time, Zone Id = Antarctica/Davis, Offset = (GMT + 07:00)

222 Zone Name = Dumont-d'Urville Time, Zone Id = Antarctica/DumontDUrville, Offset = (GMT + 10:00)

223 Zone Name = Macquarie Island Standard Time, Zone Id = Antarctica/Macquarie, Offset = (GMT + 11:00)

224 Zone Name = Mawson Time, Zone Id = Antarctica/Mawson, Offset = (GMT + 05:00)

225 Zone Name = New Zealand Standard Time, Zone Id = Antarctica/McMurdo, Offset = (GMT + 13:00)

226 Zone Name = Chile Time, Zone Id = Antarctica/Palmer, Offset = (GMT - 03:00)

227 Zone Name = Rothera Time, Zone Id = Antarctica/Rothera, Offset = (GMT - 03:00)

228 Zone Name = New Zealand Standard Time, Zone Id = Antarctica/South_Pole, Offset = (GMT + 13:00)

229 Zone Name = Syowa Time, Zone Id = Antarctica/Syowa, Offset = (GMT + 03:00)

230 Zone Name = Coordinated Universal Time, Zone Id = Antarctica/Troll, Offset = (GMT + 00:00)

231 Zone Name = Vostok Time, Zone Id = Antarctica/Vostok, Offset = (GMT + 06:00)

232 Zone Name = Central European Time, Zone Id = Arctic/Longyearbyen, Offset = (GMT + 01:00)

233 Zone Name = Arabia Standard Time, Zone Id = Asia/Aden, Offset = (GMT + 03:00)

234 Zone Name = Alma-Ata Time, Zone Id = Asia/Almaty, Offset = (GMT + 06:00)

235 Zone Name = Eastern European Time, Zone Id = Asia/Amman, Offset = (GMT + 02:00)

236 Zone Name = Anadyr Time, Zone Id = Asia/Anadyr, Offset = (GMT + 12:00)

237 Zone Name = Aqtau Time, Zone Id = Asia/Aqtau, Offset = (GMT + 05:00)

238 Zone Name = Aqtobe Time, Zone Id = Asia/Aqtobe, Offset = (GMT + 05:00)

239 Zone Name = Turkmenistan Time, Zone Id = Asia/Ashgabat, Offset = (GMT + 05:00)

240 Zone Name = Turkmenistan Time, Zone Id = Asia/Ashkhabad, Offset = (GMT + 05:00)

241 Zone Name = Arabia Standard Time, Zone Id = Asia/Baghdad, Offset = (GMT + 03:00)

242 Zone Name = Arabia Standard Time, Zone Id = Asia/Bahrain, Offset = (GMT + 03:00)

243 Zone Name = Azerbaijan Time, Zone Id = Asia/Baku, Offset = (GMT + 04:00)

244 Zone Name = Indochina Time, Zone Id = Asia/Bangkok, Offset = (GMT + 07:00)

245 Zone Name = GMT+07:00, Zone Id = Asia/Barnaul, Offset = (GMT + 07:00)

246 Zone Name = Eastern European Time, Zone Id = Asia/Beirut, Offset = (GMT + 02:00)

247 Zone Name = Kirgizstan Time, Zone Id = Asia/Bishkek, Offset = (GMT + 06:00)

248 Zone Name = Brunei Time, Zone Id = Asia/Brunei, Offset = (GMT + 08:00)

249 Zone Name = India Standard Time, Zone Id = Asia/Calcutta, Offset = (GMT + 05:30)

250 Zone Name = Yakutsk Time, Zone Id = Asia/Chita, Offset = (GMT + 09:00)

251 Zone Name = Choibalsan Time, Zone Id = Asia/Choibalsan, Offset = (GMT + 08:00)

252 Zone Name = China Standard Time, Zone Id = Asia/Chongqing, Offset = (GMT + 08:00)

253 Zone Name = China Standard Time, Zone Id = Asia/Chungking, Offset = (GMT + 08:00)

254 Zone Name = India Standard Time, Zone Id = Asia/Colombo, Offset = (GMT + 05:30)

255 Zone Name = Bangladesh Time, Zone Id = Asia/Dacca, Offset = (GMT + 06:00)

256 Zone Name = Eastern European Time, Zone Id = Asia/Damascus, Offset = (GMT + 02:00)

257 Zone Name = Bangladesh Time, Zone Id = Asia/Dhaka, Offset = (GMT + 06:00)

258 Zone Name = Timor-Leste Time, Zone Id = Asia/Dili, Offset = (GMT + 09:00)

259 Zone Name = Gulf Standard Time, Zone Id = Asia/Dubai, Offset = (GMT + 04:00)

260 Zone Name = Tajikistan Time, Zone Id = Asia/Dushanbe, Offset = (GMT + 05:00)

261 Zone Name = Eastern European Time, Zone Id = Asia/Gaza, Offset = (GMT + 02:00)

262 Zone Name = China Standard Time, Zone Id = Asia/Harbin, Offset = (GMT + 08:00)

263 Zone Name = Eastern European Time, Zone Id = Asia/Hebron, Offset = (GMT + 02:00)

264 Zone Name = Indochina Time, Zone Id = Asia/Ho_Chi_Minh, Offset = (GMT + 07:00)

265 Zone Name = Hong Kong Time, Zone Id = Asia/Hong_Kong, Offset = (GMT + 08:00)

266 Zone Name = Hovd Time, Zone Id = Asia/Hovd, Offset = (GMT + 07:00)

267 Zone Name = Irkutsk Time, Zone Id = Asia/Irkutsk, Offset = (GMT + 08:00)

268 Zone Name = Eastern European Time, Zone Id = Asia/Istanbul, Offset = (GMT + 02:00)

269 Zone Name = West Indonesia Time, Zone Id = Asia/Jakarta, Offset = (GMT + 07:00)

270 Zone Name = East Indonesia Time, Zone Id = Asia/Jayapura, Offset = (GMT + 09:00)

271 Zone Name = Israel Standard Time, Zone Id = Asia/Jerusalem, Offset = (GMT + 02:00)

272 Zone Name = Afghanistan Time, Zone Id = Asia/Kabul, Offset = (GMT + 04:30)

273 Zone Name = Petropavlovsk-Kamchatski Time, Zone Id = Asia/Kamchatka, Offset = (GMT + 12:00)

274 Zone Name = Pakistan Time, Zone Id = Asia/Karachi, Offset = (GMT + 05:00)

275 Zone Name = Xinjiang Standard Time, Zone Id = Asia/Kashgar, Offset = (GMT + 06:00)

276 Zone Name = Nepal Time, Zone Id = Asia/Kathmandu, Offset = (GMT + 05:45)

277 Zone Name = Nepal Time, Zone Id = Asia/Katmandu, Offset = (GMT + 05:45)

278 Zone Name = Yakutsk Time, Zone Id = Asia/Khandyga, Offset = (GMT + 09:00)

279 Zone Name = India Standard Time, Zone Id = Asia/Kolkata, Offset = (GMT + 05:30)

280 Zone Name = Krasnoyarsk Time, Zone Id = Asia/Krasnoyarsk, Offset = (GMT + 07:00)

281 Zone Name = Malaysia Time, Zone Id = Asia/Kuala_Lumpur, Offset = (GMT + 08:00)

282 Zone Name = Malaysia Time, Zone Id = Asia/Kuching, Offset = (GMT + 08:00)

283 Zone Name = Arabia Standard Time, Zone Id = Asia/Kuwait, Offset = (GMT + 03:00)

284 Zone Name = China Standard Time, Zone Id = Asia/Macao, Offset = (GMT + 08:00)

285 Zone Name = China Standard Time, Zone Id = Asia/Macau, Offset = (GMT + 08:00)

286 Zone Name = Magadan Time, Zone Id = Asia/Magadan, Offset = (GMT + 11:00)

287 Zone Name = Central Indonesia Time, Zone Id = Asia/Makassar, Offset = (GMT + 08:00)

288 Zone Name = Philippines Time, Zone Id = Asia/Manila, Offset = (GMT + 08:00)

289 Zone Name = Gulf Standard Time, Zone Id = Asia/Muscat, Offset = (GMT + 04:00)

290 Zone Name = Eastern European Time, Zone Id = Asia/Nicosia, Offset = (GMT + 02:00)

291 Zone Name = Krasnoyarsk Time, Zone Id = Asia/Novokuznetsk, Offset = (GMT + 07:00)

292 Zone Name = Novosibirsk Time, Zone Id = Asia/Novosibirsk, Offset = (GMT + 06:00)

293 Zone Name = Omsk Time, Zone Id = Asia/Omsk, Offset = (GMT + 06:00)

294 Zone Name = Oral Time, Zone Id = Asia/Oral, Offset = (GMT + 05:00)

295 Zone Name = Indochina Time, Zone Id = Asia/Phnom_Penh, Offset = (GMT + 07:00)

296 Zone Name = West Indonesia Time, Zone Id = Asia/Pontianak, Offset = (GMT + 07:00)

297 Zone Name = Korea Standard Time, Zone Id = Asia/Pyongyang, Offset = (GMT + 08:30)

298 Zone Name = Arabia Standard Time, Zone Id = Asia/Qatar, Offset = (GMT + 03:00)

299 Zone Name = Qyzylorda Time, Zone Id = Asia/Qyzylorda, Offset = (GMT + 06:00)

300 Zone Name = Myanmar Time, Zone Id = Asia/Rangoon, Offset = (GMT + 06:30)

301 Zone Name = Arabia Standard Time, Zone Id = Asia/Riyadh, Offset = (GMT + 03:00)

302 Zone Name = Indochina Time, Zone Id = Asia/Saigon, Offset = (GMT + 07:00)

303 Zone Name = Sakhalin Time, Zone Id = Asia/Sakhalin, Offset = (GMT + 11:00)

304 Zone Name = Uzbekistan Time, Zone Id = Asia/Samarkand, Offset = (GMT + 05:00)

305 Zone Name = Korea Standard Time, Zone Id = Asia/Seoul, Offset = (GMT + 09:00)

306 Zone Name = China Standard Time, Zone Id = Asia/Shanghai, Offset = (GMT + 08:00)

307 Zone Name = Singapore Time, Zone Id = Asia/Singapore, Offset = (GMT + 08:00)

308 Zone Name = Srednekolymsk Time, Zone Id = Asia/Srednekolymsk, Offset = (GMT + 11:00)

309 Zone Name = China Standard Time, Zone Id = Asia/Taipei, Offset = (GMT + 08:00)

310 Zone Name = Uzbekistan Time, Zone Id = Asia/Tashkent, Offset = (GMT + 05:00)

311 Zone Name = Georgia Time, Zone Id = Asia/Tbilisi, Offset = (GMT + 04:00)

312 Zone Name = Iran Standard Time, Zone Id = Asia/Tehran, Offset = (GMT + 03:30)

313 Zone Name = Israel Standard Time, Zone Id = Asia/Tel_Aviv, Offset = (GMT + 02:00)

314 Zone Name = Bhutan Time, Zone Id = Asia/Thimbu, Offset = (GMT + 06:00)

315 Zone Name = Bhutan Time, Zone Id = Asia/Thimphu, Offset = (GMT + 06:00)

316 Zone Name = Japan Standard Time, Zone Id = Asia/Tokyo, Offset = (GMT + 09:00)

317 Zone Name = GMT+07:00, Zone Id = Asia/Tomsk, Offset = (GMT + 07:00)

318 Zone Name = Central Indonesia Time, Zone Id = Asia/Ujung_Pandang, Offset = (GMT + 08:00)

319 Zone Name = Ulaanbaatar Time, Zone Id = Asia/Ulaanbaatar, Offset = (GMT + 08:00)

320 Zone Name = Ulaanbaatar Time, Zone Id = Asia/Ulan_Bator, Offset = (GMT + 08:00)

321 Zone Name = Xinjiang Standard Time, Zone Id = Asia/Urumqi, Offset = (GMT + 06:00)

322 Zone Name = Ust-Nera Time, Zone Id = Asia/Ust-Nera, Offset = (GMT + 10:00)

323 Zone Name = Indochina Time, Zone Id = Asia/Vientiane, Offset = (GMT + 07:00)

324 Zone Name = Vladivostok Time, Zone Id = Asia/Vladivostok, Offset = (GMT + 10:00)

325 Zone Name = Yakutsk Time, Zone Id = Asia/Yakutsk, Offset = (GMT + 09:00)

326 Zone Name = Yekaterinburg Time, Zone Id = Asia/Yekaterinburg, Offset = (GMT + 05:00)

327 Zone Name = Armenia Time, Zone Id = Asia/Yerevan, Offset = (GMT + 04:00)

328 Zone Name = Azores Time, Zone Id = Atlantic/Azores, Offset = (GMT - 01:00)

329 Zone Name = Atlantic Standard Time, Zone Id = Atlantic/Bermuda, Offset = (GMT - 04:00)

330 Zone Name = Western European Time, Zone Id = Atlantic/Canary, Offset = (GMT + 00:00)

331 Zone Name = Cape Verde Time, Zone Id = Atlantic/Cape_Verde, Offset = (GMT - 01:00)

332 Zone Name = Western European Time, Zone Id = Atlantic/Faeroe, Offset = (GMT + 00:00)

333 Zone Name = Western European Time, Zone Id = Atlantic/Faroe, Offset = (GMT + 00:00)

334 Zone Name = Central European Time, Zone Id = Atlantic/Jan_Mayen, Offset = (GMT + 01:00)

335 Zone Name = Western European Time, Zone Id = Atlantic/Madeira, Offset = (GMT + 00:00)

336 Zone Name = Greenwich Mean Time, Zone Id = Atlantic/Reykjavik, Offset = (GMT + 00:00)

337 Zone Name = South Georgia Standard Time, Zone Id = Atlantic/South_Georgia, Offset = (GMT - 02:00)

338 Zone Name = Greenwich Mean Time, Zone Id = Atlantic/St_Helena, Offset = (GMT + 00:00)

339 Zone Name = Falkland Is. Time, Zone Id = Atlantic/Stanley, Offset = (GMT - 03:00)

340 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = Australia/ACT, Offset = (GMT + 11:00)

341 Zone Name = Australian Central Standard Time (South Australia), Zone Id = Australia/Adelaide, Offset = (GMT + 10:30)

342 Zone Name = Australian Eastern Standard Time (Queensland), Zone Id = Australia/Brisbane, Offset = (GMT + 10:00)

343 Zone Name = Australian Central Standard Time (South Australia/New South Wales), Zone Id = Australia/Broken_Hill, Offset = (GMT + 10:30)

344 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = Australia/Canberra, Offset = (GMT + 11:00)

345 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = Australia/Currie, Offset = (GMT + 11:00)

346 Zone Name = Australian Central Standard Time (Northern Territory), Zone Id = Australia/Darwin, Offset = (GMT + 09:30)

347 Zone Name = Australian Central Western Standard Time, Zone Id = Australia/Eucla, Offset = (GMT + 08:45)

348 Zone Name = Australian Eastern Standard Time (Tasmania), Zone Id = Australia/Hobart, Offset = (GMT + 11:00)

349 Zone Name = Lord Howe Standard Time, Zone Id = Australia/LHI, Offset = (GMT + 11:00)

350 Zone Name = Australian Eastern Standard Time (Queensland), Zone Id = Australia/Lindeman, Offset = (GMT + 10:00)

351 Zone Name = Lord Howe Standard Time, Zone Id = Australia/Lord_Howe, Offset = (GMT + 11:00)

352 Zone Name = Australian Eastern Standard Time (Victoria), Zone Id = Australia/Melbourne, Offset = (GMT + 11:00)

353 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = Australia/NSW, Offset = (GMT + 11:00)

354 Zone Name = Australian Central Standard Time (Northern Territory), Zone Id = Australia/North, Offset = (GMT + 09:30)

355 Zone Name = Australian Western Standard Time, Zone Id = Australia/Perth, Offset = (GMT + 08:00)

356 Zone Name = Australian Eastern Standard Time (Queensland), Zone Id = Australia/Queensland, Offset = (GMT + 10:00)

357 Zone Name = Australian Central Standard Time (South Australia), Zone Id = Australia/South, Offset = (GMT + 10:30)

358 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = Australia/Sydney, Offset = (GMT + 11:00)

359 Zone Name = Australian Eastern Standard Time (Tasmania), Zone Id = Australia/Tasmania, Offset = (GMT + 11:00)

360 Zone Name = Australian Eastern Standard Time (Victoria), Zone Id = Australia/Victoria, Offset = (GMT + 11:00)

361 Zone Name = Australian Western Standard Time, Zone Id = Australia/West, Offset = (GMT + 08:00)

362 Zone Name = Australian Central Standard Time (South Australia/New South Wales), Zone Id = Australia/Yancowinna, Offset = (GMT + 10:30)

363 Zone Name = Acre Time, Zone Id = Brazil/Acre, Offset = (GMT - 05:00)

364 Zone Name = Fernando de Noronha Time, Zone Id = Brazil/DeNoronha, Offset = (GMT - 02:00)

365 Zone Name = Brasilia Time, Zone Id = Brazil/East, Offset = (GMT - 02:00)

366 Zone Name = Amazon Time, Zone Id = Brazil/West, Offset = (GMT - 04:00)

367 Zone Name = Central European Time, Zone Id = CET, Offset = (GMT + 01:00)

368 Zone Name = Central Standard Time, Zone Id = CST6CDT, Offset = (GMT - 06:00)

369 Zone Name = Atlantic Standard Time, Zone Id = Canada/Atlantic, Offset = (GMT - 04:00)

370 Zone Name = Central Standard Time, Zone Id = Canada/Central, Offset = (GMT - 06:00)

371 Zone Name = Central Standard Time, Zone Id = Canada/East-Saskatchewan, Offset = (GMT - 06:00)

372 Zone Name = Eastern Standard Time, Zone Id = Canada/Eastern, Offset = (GMT - 05:00)

373 Zone Name = Mountain Standard Time, Zone Id = Canada/Mountain, Offset = (GMT - 07:00)

374 Zone Name = Newfoundland Standard Time, Zone Id = Canada/Newfoundland, Offset = (GMT - 03:30)

375 Zone Name = Pacific Standard Time, Zone Id = Canada/Pacific, Offset = (GMT - 08:00)

376 Zone Name = Central Standard Time, Zone Id = Canada/Saskatchewan, Offset = (GMT - 06:00)

377 Zone Name = Pacific Standard Time, Zone Id = Canada/Yukon, Offset = (GMT - 08:00)

378 Zone Name = Chile Time, Zone Id = Chile/Continental, Offset = (GMT - 03:00)
379 Zone Name = Easter Is. Time, Zone Id = Chile/EasterIsland, Offset = (GMT - 05:00)
380 Zone Name = Cuba Standard Time, Zone Id = Cuba, Offset = (GMT - 05:00)
381 Zone Name = Eastern European Time, Zone Id = EET, Offset = (GMT + 02:00)
382 Zone Name = Eastern Standard Time, Zone Id = EST5EDT, Offset = (GMT - 05:00)
383 Zone Name = Eastern European Time, Zone Id = Egypt, Offset = (GMT + 02:00)
384 Zone Name = Greenwich Mean Time, Zone Id = Eire, Offset = (GMT + 00:00)
385 Zone Name = Greenwich Mean Time, Zone Id = Etc/GMT, Offset = (GMT + 00:00)
386 Zone Name = Greenwich Mean Time, Zone Id = Etc/GMT+0, Offset = (GMT + 00:00)
387 Zone Name = GMT-01:00, Zone Id = Etc/GMT+1, Offset = (GMT - 01:00)
388 Zone Name = GMT-10:00, Zone Id = Etc/GMT+10, Offset = (GMT - 10:00)
389 Zone Name = GMT-11:00, Zone Id = Etc/GMT+11, Offset = (GMT - 11:00)
390 Zone Name = GMT-12:00, Zone Id = Etc/GMT+12, Offset = (GMT - 12:00)
391 Zone Name = GMT-02:00, Zone Id = Etc/GMT+2, Offset = (GMT - 02:00)
392 Zone Name = GMT-03:00, Zone Id = Etc/GMT+3, Offset = (GMT - 03:00)
393 Zone Name = GMT-04:00, Zone Id = Etc/GMT+4, Offset = (GMT - 04:00)
394 Zone Name = GMT-05:00, Zone Id = Etc/GMT+5, Offset = (GMT - 05:00)
395 Zone Name = GMT-06:00, Zone Id = Etc/GMT+6, Offset = (GMT - 06:00)
396 Zone Name = GMT-07:00, Zone Id = Etc/GMT+7, Offset = (GMT - 07:00)
397 Zone Name = GMT-08:00, Zone Id = Etc/GMT+8, Offset = (GMT - 08:00)
398 Zone Name = GMT-09:00, Zone Id = Etc/GMT+9, Offset = (GMT - 09:00)
399 Zone Name = Greenwich Mean Time, Zone Id = Etc/GMT-0, Offset = (GMT + 00:00)
400 Zone Name = GMT+01:00, Zone Id = Etc/GMT-1, Offset = (GMT + 01:00)
401 Zone Name = GMT+10:00, Zone Id = Etc/GMT-10, Offset = (GMT + 10:00)
402 Zone Name = GMT+11:00, Zone Id = Etc/GMT-11, Offset = (GMT + 11:00)
403 Zone Name = GMT+12:00, Zone Id = Etc/GMT-12, Offset = (GMT + 12:00)
404 Zone Name = GMT+13:00, Zone Id = Etc/GMT-13, Offset = (GMT + 13:00)
405 Zone Name = GMT+14:00, Zone Id = Etc/GMT-14, Offset = (GMT + 14:00)
406 Zone Name = GMT+02:00, Zone Id = Etc/GMT-2, Offset = (GMT + 02:00)
407 Zone Name = GMT+03:00, Zone Id = Etc/GMT-3, Offset = (GMT + 03:00)
408 Zone Name = GMT+04:00, Zone Id = Etc/GMT-4, Offset = (GMT + 04:00)
409 Zone Name = GMT+05:00, Zone Id = Etc/GMT-5, Offset = (GMT + 05:00)
410 Zone Name = GMT+06:00, Zone Id = Etc/GMT-6, Offset = (GMT + 06:00)
411 Zone Name = GMT+07:00, Zone Id = Etc/GMT-7, Offset = (GMT + 07:00)
412 Zone Name = GMT+08:00, Zone Id = Etc/GMT-8, Offset = (GMT + 08:00)
413 Zone Name = GMT+09:00, Zone Id = Etc/GMT-9, Offset = (GMT + 09:00)
414 Zone Name = Greenwich Mean Time, Zone Id = Etc/GMT0, Offset = (GMT + 00:00)
415 Zone Name = Greenwich Mean Time, Zone Id = Etc/Greenwich, Offset = (GMT + 00:00)
416 Zone Name = Coordinated Universal Time, Zone Id = Etc/UCT, Offset = (GMT + 00:00)

417 Zone Name = Coordinated Universal Time, Zone Id = Etc/UTC, Offset = (GMT + 00:00)

418 Zone Name = Coordinated Universal Time, Zone Id = Etc/Universal, Offset = (GMT + 00:00)

419 Zone Name = Coordinated Universal Time, Zone Id = Etc/Zulu, Offset = (GMT + 00:00)

420 Zone Name = Central European Time, Zone Id = Europe/Amsterdam, Offset = (GMT + 01:00)

421 Zone Name = Central European Time, Zone Id = Europe/Andorra, Offset = (GMT + 01:00)

422 Zone Name = GMT+04:00, Zone Id = Europe/Astrakhan, Offset = (GMT + 04:00)

423 Zone Name = Eastern European Time, Zone Id = Europe/Athens, Offset = (GMT + 02:00)

424 Zone Name = Greenwich Mean Time, Zone Id = Europe/Belfast, Offset = (GMT + 00:00)

425 Zone Name = Central European Time, Zone Id = Europe/Belgrade, Offset = (GMT + 01:00)

426 Zone Name = Central European Time, Zone Id = Europe/Berlin, Offset = (GMT + 01:00)

427 Zone Name = Central European Time, Zone Id = Europe/Bratislava, Offset = (GMT + 01:00)

428 Zone Name = Central European Time, Zone Id = Europe/Brussels, Offset = (GMT + 01:00)

429 Zone Name = Eastern European Time, Zone Id = Europe/Bucharest, Offset = (GMT + 02:00)

430 Zone Name = Central European Time, Zone Id = Europe/Budapest, Offset = (GMT + 01:00)

431 Zone Name = Central European Time, Zone Id = Europe/Busingen, Offset = (GMT + 01:00)

432 Zone Name = Eastern European Time, Zone Id = Europe/Chisinau, Offset = (GMT + 02:00)

433 Zone Name = Central European Time, Zone Id = Europe/Copenhagen, Offset = (GMT + 01:00)

434 Zone Name = Greenwich Mean Time, Zone Id = Europe/Dublin, Offset = (GMT + 00:00)

435 Zone Name = Central European Time, Zone Id = Europe/Gibraltar, Offset = (GMT + 01:00)

436 Zone Name = Greenwich Mean Time, Zone Id = Europe/Guernsey, Offset = (GMT + 00:00)

437 Zone Name = Eastern European Time, Zone Id = Europe/Helsinki, Offset = (GMT + 02:00)

438 Zone Name = Greenwich Mean Time, Zone Id = Europe/Isle_of_Man, Offset = (GMT + 00:00)

439 Zone Name = Eastern European Time, Zone Id = Europe/Istanbul, Offset = (GMT + 02:00)

440 Zone Name = Greenwich Mean Time, Zone Id = Europe/Jersey, Offset = (GMT + 00:00)

441 Zone Name = Eastern European Time, Zone Id = Europe/Kaliningrad, Offset = (GMT + 02:00)

442 Zone Name = Eastern European Time, Zone Id = Europe/Kiev, Offset = (GMT + 02:00)

443 Zone Name = GMT+03:00, Zone Id = Europe/Kirov, Offset = (GMT + 03:00)

444 Zone Name = Western European Time, Zone Id = Europe/Lisbon, Offset = (GMT + 00:00)

445 Zone Name = Central European Time, Zone Id = Europe/Ljubljana, Offset = (GMT + 01:00)

446 Zone Name = Greenwich Mean Time, Zone Id = Europe/London, Offset = (GMT + 00:00)

447 Zone Name = Central European Time, Zone Id = Europe/Luxembourg, Offset = (GMT + 01:00)

448 Zone Name = Central European Time, Zone Id = Europe/Madrid, Offset = (GMT + 01:00)

449 Zone Name = Central European Time, Zone Id = Europe/Malta, Offset = (GMT + 01:00)

450 Zone Name = Eastern European Time, Zone Id = Europe/Mariehamn, Offset = (GMT + 02:00)

451 Zone Name = Moscow Standard Time, Zone Id = Europe/Minsk, Offset = (GMT + 03:00)

452 Zone Name = Central European Time, Zone Id = Europe/Monaco, Offset = (GMT + 01:00)

453 Zone Name = Moscow Standard Time, Zone Id = Europe/Moscow, Offset = (GMT + 03:00)

454 Zone Name = Eastern European Time, Zone Id = Europe/Nicosia, Offset = (GMT + 02:00)

455 Zone Name = Central European Time, Zone Id = Europe/Oslo, Offset = (GMT + 01:00)

456 Zone Name = Central European Time, Zone Id = Europe/Paris, Offset = (GMT + 01:00)

457 Zone Name = Central European Time, Zone Id = Europe/Podgorica, Offset = (GMT + 01:00)

458 Zone Name = Central European Time, Zone Id = Europe/Prague, Offset = (GMT + 01:00)

459 Zone Name = Eastern European Time, Zone Id = Europe/Riga, Offset = (GMT + 02:00)

460 Zone Name = Central European Time, Zone Id = Europe/Rome, Offset = (GMT + 01:00)

461 Zone Name = Samara Time, Zone Id = Europe/Samara, Offset = (GMT + 04:00)

462 Zone Name = Central European Time, Zone Id = Europe/San_Marino, Offset = (GMT + 01:00)

463 Zone Name = Central European Time, Zone Id = Europe/Sarajevo, Offset = (GMT + 01:00)

464 Zone Name = Moscow Standard Time, Zone Id = Europe/Simferopol, Offset = (GMT + 03:00)

465 Zone Name = Central European Time, Zone Id = Europe/Skopje, Offset = (GMT + 01:00)

466 Zone Name = Eastern European Time, Zone Id = Europe/Sofia, Offset = (GMT + 02:00)

467 Zone Name = Central European Time, Zone Id = Europe/Stockholm, Offset = (GMT + 01:00)

468 Zone Name = Eastern European Time, Zone Id = Europe/Tallinn, Offset = (GMT + 02:00)

469 Zone Name = Central European Time, Zone Id = Europe/Tirane, Offset = (GMT + 01:00)

470 Zone Name = Eastern European Time, Zone Id = Europe/Tiraspol, Offset = (GMT + 02:00)

471 Zone Name = GMT+04:00, Zone Id = Europe/Ulyanovsk, Offset = (GMT + 04:00)

472 Zone Name = Eastern European Time, Zone Id = Europe/Uzhgorod, Offset = (GMT + 02:00)

473 Zone Name = Central European Time, Zone Id = Europe/Vaduz, Offset = (GMT + 01:00)

474 Zone Name = Central European Time, Zone Id = Europe/Vatican, Offset = (GMT + 01:00)

475 Zone Name = Central European Time, Zone Id = Europe/Vienna, Offset = (GMT + 01:00)

476 Zone Name = Eastern European Time, Zone Id = Europe/Vilnius, Offset = (GMT + 02:00)

477 Zone Name = Moscow Standard Time, Zone Id = Europe/Volgograd, Offset = (GMT + 03:00)

478 Zone Name = Central European Time, Zone Id = Europe/Warsaw, Offset = (GMT + 01:00)

479 Zone Name = Central European Time, Zone Id = Europe/Zagreb, Offset = (GMT + 01:00)

480 Zone Name = Eastern European Time, Zone Id = Europe/Zaporozhye, Offset = (GMT + 02:00)

481 Zone Name = Central European Time, Zone Id = Europe/Zurich, Offset = (GMT + 01:00)

482 Zone Name = Greenwich Mean Time, Zone Id = GB, Offset = (GMT + 00:00)

483 Zone Name = Greenwich Mean Time, Zone Id = GB-Eire, Offset = (GMT + 00:00)

484 Zone Name = Greenwich Mean Time, Zone Id = GMT, Offset = (GMT + 00:00)

485 Zone Name = Greenwich Mean Time, Zone Id = GMT0, Offset = (GMT + 00:00)

486 Zone Name = Greenwich Mean Time, Zone Id = Greenwich, Offset = (GMT + 00:00)

487 Zone Name = Hong Kong Time, Zone Id = Hongkong, Offset = (GMT + 08:00)

488 Zone Name = Greenwich Mean Time, Zone Id = Iceland, Offset = (GMT + 00:00)

489 Zone Name = Eastern African Time, Zone Id = Indian/Antananarivo, Offset = (GMT + 03:00)

490 Zone Name = Indian Ocean Territory Time, Zone Id = Indian/Chagos, Offset = (GMT + 06:00)

491 Zone Name = Christmas Island Time, Zone Id = Indian/Christmas, Offset = (GMT + 07:00)

492 Zone Name = Cocos Islands Time, Zone Id = Indian/Cocos, Offset = (GMT + 06:30)

493 Zone Name = Eastern African Time, Zone Id = Indian/Comoro, Offset = (GMT + 03:00)

494 Zone Name = French Southern & Antarctic Lands Time, Zone Id = Indian/Kerguelen, Offset = (GMT + 05:00)

495 Zone Name = Seychelles Time, Zone Id = Indian/Mahe, Offset = (GMT + 04:00)

496 Zone Name = Maldives Time, Zone Id = Indian/Maldives, Offset = (GMT + 05:00)

497 Zone Name = Mauritius Time, Zone Id = Indian/Mauritius, Offset = (GMT + 04:00)

498 Zone Name = Eastern African Time, Zone Id = Indian/Mayotte, Offset = (GMT + 03:00)

499 Zone Name = Reunion Time, Zone Id = Indian/Reunion, Offset = (GMT + 04:00)

500 Zone Name = Iran Standard Time, Zone Id = Iran, Offset = (GMT + 03:30)

501 Zone Name = Israel Standard Time, Zone Id = Israel, Offset = (GMT + 02:00)

502 Zone Name = Eastern Standard Time, Zone Id = Jamaica, Offset = (GMT - 05:00)

503 Zone Name = Japan Standard Time, Zone Id = Japan, Offset = (GMT + 09:00)

504 Zone Name = Marshall Islands Time, Zone Id = Kwajalein, Offset = (GMT + 12:00)

505 Zone Name = Eastern European Time, Zone Id = Libya, Offset = (GMT + 02:00)

506 Zone Name = Middle Europe Time, Zone Id = MET, Offset = (GMT + 01:00)

507 Zone Name = Mountain Standard Time, Zone Id = MST7MDT, Offset = (GMT - 07:00)

508 Zone Name = Pacific Standard Time, Zone Id = Mexico/BajaNorte, Offset = (GMT - 08:00)

509 Zone Name = Mountain Standard Time, Zone Id = Mexico/BajaSur, Offset = (GMT - 07:00)

510 Zone Name = Central Standard Time, Zone Id = Mexico/General, Offset = (GMT - 06:00)

511 Zone Name = New Zealand Standard Time, Zone Id = NZ, Offset = (GMT + 13:00)

512 Zone Name = Chatham Standard Time, Zone Id = NZ-CHAT, Offset = (GMT + 13:45)

513 Zone Name = Mountain Standard Time, Zone Id = Navajo, Offset = (GMT - 07:00)

514 Zone Name = China Standard Time, Zone Id = PRC, Offset = (GMT + 08:00)

515 Zone Name = Pacific Standard Time, Zone Id = PST8PDT, Offset = (GMT - 08:00)

516 Zone Name = West Samoa Standard Time, Zone Id = Pacific/Apia, Offset = (GMT + 14:00)

517 Zone Name = New Zealand Standard Time, Zone Id = Pacific/Auckland, Offset = (GMT + 13:00)

518 Zone Name = Bougainville Standard Time, Zone Id = Pacific/Bougainville, Offset = (GMT + 11:00)

519 Zone Name = Chatham Standard Time, Zone Id = Pacific/Chatham, Offset = (GMT + 13:45)

520 Zone Name = Chuuk Time, Zone Id = Pacific/Chuuk, Offset = (GMT + 10:00)

521 Zone Name = Easter Is. Time, Zone Id = Pacific/Easter, Offset = (GMT - 05:00)

522 Zone Name = Vanuatu Time, Zone Id = Pacific/Efate, Offset = (GMT + 11:00)

523 Zone Name = Phoenix Is. Time, Zone Id = Pacific/Enderbury, Offset = (GMT + 13:00)

524 Zone Name = Tokelau Time, Zone Id = Pacific/Fakaofo, Offset = (GMT + 13:00)

525 Zone Name = Fiji Time, Zone Id = Pacific/Fiji, Offset = (GMT + 12:00)

526 Zone Name = Tuvalu Time, Zone Id = Pacific/Funafuti, Offset = (GMT + 12:00)

527 Zone Name = Galapagos Time, Zone Id = Pacific/Galapagos, Offset = (GMT - 06:00)

528 Zone Name = Gambier Time, Zone Id = Pacific/Gambier, Offset = (GMT - 09:00)

529 Zone Name = Solomon Is. Time, Zone Id = Pacific/Guadalcanal, Offset = (GMT + 11:00)

530 Zone Name = Chamorro Standard Time, Zone Id = Pacific/Guam, Offset = (GMT + 10:00)

531 Zone Name = Hawaii Standard Time, Zone Id = Pacific/Honolulu, Offset = (GMT - 10:00)

532 Zone Name = Hawaii Standard Time, Zone Id = Pacific/Johnston, Offset = (GMT - 10:00)

533 Zone Name = Line Is. Time, Zone Id = Pacific/Kiritimati, Offset = (GMT + 14:00)

534 Zone Name = Kosrae Time, Zone Id = Pacific/Kosrae, Offset = (GMT + 11:00)

535 Zone Name = Marshall Islands Time, Zone Id = Pacific/Kwajalein, Offset = (GMT + 12:00)

536 Zone Name = Marshall Islands Time, Zone Id = Pacific/Majuro, Offset = (GMT + 12:00)

537 Zone Name = Marquesas Time, Zone Id = Pacific/Marquesas, Offset = (GMT - 09:30)

538 Zone Name = Samoa Standard Time, Zone Id = Pacific/Midway, Offset = (GMT - 11:00)

539 Zone Name = Nauru Time, Zone Id = Pacific/Nauru, Offset = (GMT + 12:00)

540 Zone Name = Niue Time, Zone Id = Pacific/Niue, Offset = (GMT - 11:00)

541 Zone Name = Norfolk Time, Zone Id = Pacific/Norfolk, Offset = (GMT + 11:00)

542 Zone Name = New Caledonia Time, Zone Id = Pacific/Noumea, Offset = (GMT + 11:00)

543 Zone Name = Samoa Standard Time, Zone Id = Pacific/Pago_Pago, Offset = (GMT - 11:00)

544 Zone Name = Palau Time, Zone Id = Pacific/Palau, Offset = (GMT + 09:00)

545 Zone Name = Pitcairn Standard Time, Zone Id = Pacific/Pitcairn, Offset = (GMT - 08:00)

546 Zone Name = Pohnpei Time, Zone Id = Pacific/Pohnpei, Offset = (GMT + 11:00)

547 Zone Name = Pohnpei Time, Zone Id = Pacific/Ponape, Offset = (GMT + 11:00)

548 Zone Name = Papua New Guinea Time, Zone Id = Pacific/Port_Moresby, Offset = (GMT + 10:00)

549 Zone Name = Cook Is. Time, Zone Id = Pacific/Rarotonga, Offset = (GMT - 10:00)

550 Zone Name = Chamorro Standard Time, Zone Id = Pacific/Saipan, Offset = (GMT + 10:00)

551 Zone Name = Samoa Standard Time, Zone Id = Pacific/Samoa, Offset = (GMT - 11:00)

552 Zone Name = Tahiti Time, Zone Id = Pacific/Tahiti, Offset = (GMT - 10:00)

553 Zone Name = Gilbert Is. Time, Zone Id = Pacific/Tarawa, Offset = (GMT + 12:00)

554 Zone Name = Tonga Time, Zone Id = Pacific/Tongatapu, Offset = (GMT + 13:00)

555 Zone Name = Chuuk Time, Zone Id = Pacific/Truk, Offset = (GMT + 10:00)

556 Zone Name = Wake Time, Zone Id = Pacific/Wake, Offset = (GMT + 12:00)

557 Zone Name = Wallis & Futuna Time, Zone Id = Pacific/Wallis, Offset = (GMT + 12:00)

558 Zone Name = Chuuk Time, Zone Id = Pacific/Yap, Offset = (GMT + 10:00)

559 Zone Name = Central European Time, Zone Id = Poland, Offset = (GMT + 01:00)

560 Zone Name = Western European Time, Zone Id = Portugal, Offset = (GMT + 00:00)

561 Zone Name = Korea Standard Time, Zone Id = ROK, Offset = (GMT + 09:00)

562 Zone Name = Singapore Time, Zone Id = Singapore, Offset = (GMT + 08:00)

563 Zone Name = Atlantic Standard Time, Zone Id = SystemV/AST4, Offset = (GMT - 04:00)

564 Zone Name = Atlantic Standard Time, Zone Id = SystemV/AST4ADT, Offset = (GMT - 04:00)

565 Zone Name = Central Standard Time, Zone Id = SystemV/CST6, Offset = (GMT - 06:00)

566 Zone Name = Central Standard Time, Zone Id = SystemV/CST6CDT, Offset = (GMT - 06:00)

567 Zone Name = Eastern Standard Time, Zone Id = SystemV/EST5, Offset = (GMT - 05:00)

568 Zone Name = Eastern Standard Time, Zone Id = SystemV/EST5EDT, Offset = (GMT - 05:00)

569 Zone Name = Hawaii Standard Time, Zone Id = SystemV/HST10, Offset = (GMT - 10:00)

570 Zone Name = Mountain Standard Time, Zone Id = SystemV/MST7, Offset = (GMT - 07:00)

571 Zone Name = Mountain Standard Time, Zone Id = SystemV/MST7MDT, Offset = (GMT - 07:00)

572 Zone Name = Pacific Standard Time, Zone Id = SystemV/PST8, Offset = (GMT - 08:00)

573 Zone Name = Pacific Standard Time, Zone Id = SystemV/PST8PDT, Offset = (GMT - 08:00)

574 Zone Name = Alaska Standard Time, Zone Id = SystemV/YST9, Offset = (GMT - 09:00)

575 Zone Name = Alaska Standard Time, Zone Id = SystemV/YST9YDT, Offset = (GMT - 09:00)

576 Zone Name = Eastern European Time, Zone Id = Turkey, Offset = (GMT + 02:00)

577 Zone Name = Coordinated Universal Time, Zone Id = UCT, Offset = (GMT + 00:00)

578 Zone Name = Alaska Standard Time, Zone Id = US/Alaska, Offset = (GMT - 09:00)

579 Zone Name = Hawaii Standard Time, Zone Id = US/Aleutian, Offset = (GMT - 10:00)

580 Zone Name = Mountain Standard Time, Zone Id = US/Arizona, Offset = (GMT - 07:00)

581 Zone Name = Central Standard Time, Zone Id = US/Central, Offset = (GMT - 06:00)

582 Zone Name = Eastern Standard Time, Zone Id = US/East-Indiana, Offset = (GMT - 05:00)

583 Zone Name = Eastern Standard Time, Zone Id = US/Eastern, Offset = (GMT - 05:00)

584 Zone Name = Hawaii Standard Time, Zone Id = US/Hawaii, Offset = (GMT - 10:00)

585 Zone Name = Central Standard Time, Zone Id = US/Indiana-Starke, Offset = (GMT - 06:00)

586 Zone Name = Eastern Standard Time, Zone Id = US/Michigan, Offset = (GMT - 05:00)

587 Zone Name = Mountain Standard Time, Zone Id = US/Mountain, Offset = (GMT - 07:00)

588 Zone Name = Pacific Standard Time, Zone Id = US/Pacific, Offset = (GMT - 08:00)

589 Zone Name = Pacific Standard Time, Zone Id = US/Pacific-New, Offset = (GMT - 08:00)

590 Zone Name = Samoa Standard Time, Zone Id = US/Samoa, Offset = (GMT - 11:00)

591 Zone Name = Coordinated Universal Time, Zone Id = UTC, Offset = (GMT + 00:00)

592 Zone Name = Coordinated Universal Time, Zone Id = Universal, Offset = (GMT + 00:00)

593 Zone Name = Moscow Standard Time, Zone Id = W-SU, Offset = (GMT + 03:00)

594 Zone Name = Western European Time, Zone Id = WET, Offset = (GMT + 00:00)

595 Zone Name = Coordinated Universal Time, Zone Id = Zulu, Offset = (GMT + 00:00)

596 Zone Name = Eastern Standard Time, Zone Id = EST, Offset = (GMT - 05:00)

597 Zone Name = Hawaii Standard Time, Zone Id = HST, Offset = (GMT - 10:00)

598 Zone Name = Mountain Standard Time, Zone Id = MST, Offset = (GMT - 07:00)

599 Zone Name = Australian Central Standard Time (Northern Territory), Zone Id = ACT, Offset = (GMT + 09:30)

600 Zone Name = Australian Eastern Standard Time (New South Wales), Zone Id = AET, Offset = (GMT + 11:00)

601 Zone Name = Argentine Time, Zone Id = AGT, Offset = (GMT - 03:00)

602 Zone Name = Eastern European Time, Zone Id = ART, Offset = (GMT + 02:00)

603 Zone Name = Alaska Standard Time, Zone Id = AST, Offset = (GMT - 09:00)

604 Zone Name = Brasilia Time, Zone Id = BET, Offset = (GMT - 02:00)

605 Zone Name = Bangladesh Time, Zone Id = BST, Offset = (GMT + 06:00)

606 Zone Name = Central African Time, Zone Id = CAT, Offset = (GMT + 02:00)

607 Zone Name = Newfoundland Standard Time, Zone Id = CNT, Offset = (GMT - 03:30)

608 Zone Name = Central Standard Time, Zone Id = CST, Offset = (GMT - 06:00)

609 Zone Name = China Standard Time, Zone Id = CTT, Offset = (GMT + 08:00)

610 Zone Name = Eastern African Time, Zone Id = EAT, Offset = (GMT + 03:00)

611 Zone Name = Central European Time, Zone Id = ECT, Offset = (GMT + 01:00)

612 Zone Name = Eastern Standard Time, Zone Id = IET, Offset = (GMT - 05:00)

613 Zone Name = India Standard Time, Zone Id = IST, Offset = (GMT + 05:30)

614 Zone Name = Japan Standard Time, Zone Id = JST, Offset = (GMT + 09:00)

615 Zone Name = West Samoa Standard Time, Zone Id = MIT, Offset = (GMT + 14:00)

616 Zone Name = Armenia Time, Zone Id = NET, Offset = (GMT + 04:00)

617 Zone Name = New Zealand Standard Time, Zone Id = NST, Offset = (GMT + 13:00)

618 Zone Name = Pakistan Time, Zone Id = PLT, Offset = (GMT + 05:00)

619 Zone Name = Mountain Standard Time, Zone Id = PNT, Offset = (GMT - 07:00)

620 Zone Name = Atlantic Standard Time, Zone Id = PRT, Offset = (GMT - 04:00)

621 Zone Name = Pacific Standard Time, Zone Id = PST, Offset = (GMT - 08:00)

622 Zone Name = Solomon Is. Time, Zone Id = SST, Offset = (GMT + 11:00)

623 Zone Name = Indochina Time, Zone Id = VST, Offset = (GMT + 07:00)

Date Format

The date format is a user preference. You must enter a value for the user. The date format is a user preference setting that the user can change later if necessary. The date format can also be set in a user preference template.

The following lists the supported date formats:

Note: The time format for all dates is: `HH:mm AM`.

Date Format	Code
MM/DD/YYYY	0
DD/MM/YYYY	1
MM/DD/YY	2
DD/MM/YY	3
MM-DD-YYYY	4
DD-MM-YYYY	5
MM-DD-YY	6
DD-MM-YY	7
DD.MM.YYYY	8
YYYY-MM-DD	9
MMM/DD/YYYY	10
DD/MMM/YYYY	11
YYYY/MMM/DD	12
M/D/YYYY	13
M/D/YY	14
D/M/YYYY	15
D/M/YY	16
YY/M/D	17
YYYY/M/D	18
YY/MM/DD	19
YYYY/MM/DD	20

User Type

Use the values included in the following table for any record in which Standard is the User Type choice.

The User Type you choose, for the import value, will be used as soon as the record is imported.

For example, if you enter a "0" for the User Type, the user will be a Standard user upon successful import of the record.

User Type	Value
Standard	0

Company Address

Use the codes included in the following table for the address fields, when entering the user records.

Address Type	Code
Headquarters	1
Main	2
Branch Office	3
Billing	4
Shipping	5
Billing and Shipping	6
Satellite Office	7

Status

Use the values included in the following table for any record in which Active, Inactive, or On Hold are the status choices. The status you choose for the import value will be effective as soon as the record is imported. For example, if you enter a "1" for the status, the user will be an active user upon successful import of the record; if you enter "2", the user will be On Hold until an administrator activates the user record.

Status	Value
Inactive	0
Active	1

Status	Value
On Hold	2

Check Box

For checkboxes on BP forms, you can import the following values to select ("check") a checkbox or leave it unchecked.

Check Box	Value
Check box not selected	0
Check box selected	1

Pickers

This section describes the pickers that come with the system, and each subsection includes the following information about each picker:

- ▶ **Data Element Name**
- ▶ **Label that will Appear on the Form**
- ▶ **Available for Forms on Mobile Device**
- ▶ **What it Does**

For more information, review the corresponding data element name in the Data Elements section of this guide.

In This Section

Auto-update Status Setup Picker

Data Element Name:

Label that will Appear on the Form:

Available for Forms on Mobile Device:

Place holder for Type Ahead:

What it Does:

Bid Picker

Data Element Name: uuu_rfb_winning_bid

Label that will Appear on the Form: Winning Bid

The label is configurable and based on the label corresponding to the place-holder for Type Ahead.

Available for Forms on Mobile Device: No

What it Does: Selects a winning bid from all bids received.

BP Line Item Picker

Data Element Name: ref_bpo_lineitem and uuu_rec_ast_meter_li

Label that will Appear on the Form: Reference BPO Line Item, Asset Meter LI Ref

The label is configurable and based on the label corresponding to the place-holder for Type Ahead.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: It creates Data Elements (DEs) for line item pickers (DEs that require Yes or No response)

> **Note**: You cannot use a BP Line Item Picker in an Activity Attribute Form.

BP Picker

The **BP Picker** links one business process to another (for example, an invoice BP to a purchase order BP).

The following lists each DE for **BP Picker**:
- **ref_bpo**
- **ref_bpo_lineitem**
- **Reference BPO Line Item**

The following explains each DE for **BP Picker**:

Data Element Name: ref_bpo

Label that will Appear on the Form: Reference MSA

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Reference MSA (Master Service Agreement)

Use this picker to choose an approved Master Service Agreement (MSA) to reference. The transaction amount of the BP will be rolled up to the Master Service Agreement.

Data Element Name: ref_bpo_lineitem

Label that will Appear on the Form: Reference MSA Line Item

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Reference MSA Line Item

Use this picker to reference a "Commit at Company Level" or "Master Service Agreement" business process for line items.

This picker works in conjunction with the business process picker on the upper form.

Data Element Name: refid

Label that will Appear on the Form: Reference Commit

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Reference Commit

Use this picker to reference a "Base Commits" Business Process (BP) for a change order, invoice, or payment BP.

BP Line Item Data Picker

Data Element Name: *BP Line Item Data Picker*

Label that will Appear on the Form: BP Line Item Data Picker

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker to view the detail forms of the source BP as different line items.

> **Notes:**
> - Only tabs that are set as visible in the picker configuration are displayed.
> - This picker is only supported in BP design and Shell Attribute Form design.

CBS Picker

Data Element Name: bitemID

Label that will Appear on the Form: CBS Code

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on Cost-type BPs (except line item BPs) to choose CBS codes. The picker will show all active CBS codes in the project.

This picker is populated by the CBS code records that were created with the Cost Attribute Form.

The bitemID is *only* available for selection in the **Detail Form**, **Standard** tab.

CBS Code Picker

Data Element Name: uuu_cost_code

Label that will Appear on the Form: Cost Code

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on a Cost BP to choose a CBS code. The picker will show only active CBS codes.

This picker is populated by the CBS code records that were created with the Cost Attribute Form.

Commit Line Item Picker

Data Element Name: uuu_sovlinum

Label that will Appear on the Form: Reference

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker for creating a new line item on a change commit BP. This picker displays a composite view of base commit and change commits. This picker is required on the detail form of line-item type Change Commit BPs and is populated by a link to a specific reference process.

Cost Attribute Picker

Data Element Name: uuu_cost_costattribute

Label that will Appear on the Form: Cost Attribute

Available for Forms on Mobile Device: No

What it Does: Use this picker to enter cost attribute information on a Cost Attribute Form. The values that populate this picker come from the Cost Attribute data definition.

Cost Code Picker

Data Element Name: bItemID

Label that will Appear on the Form: Cost Code (User defined - editable)

Available for Forms on Mobile Device: Yes

Place holder for Type Ahead: Type CBS Code or Name...

What it Does: Use this picker to pick one CBS Code

Currency Picker

Data Element Name: currencyid

Label that will Appear on the Form: "Transaction Currency" on business processes

"Resource Currency" on Resource Attribute Forms

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker for choosing the currency on a Cost-type BP. If the user does not choose a currency, or if you do not include a currency picker on the form, the default is the project currency. The system populates this picker with the currencies in the database.

Data Picker

The **Data Picker** is the data definition (DD).

Data Element Name: The customer specifies the DE.

Label that will Appear on the Form: The display element of the DD.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: It lets you pick users.

Date Only Picker

Data Element Name: upoExpiryDateDOP

Label that will Appear on the Form: Eg.Expiry Date (user defined)

Available for Forms on Mobile Device: Yes

What it Does: Use this picker to select a date from the calendar.

Date Picker

The **Date Picker** displays an interactive calendar from which the date can be chosen. In addition to the pickers listed here, you can create your own date pickers using the Date Picker data definition.

The system comes with the following DEs for **Date Picker**:

- **due_date**
- **uuu_rfb_due_date**
- **uuu_issue_date**
- **uuu_effective_date**
- **uuu_file_issue_date**
- **uuu_dm_create_date**
- **uuu_file_create_date**
- **uuu_last_update_date**

The following explains each DE in detail:

Data Element Name: due_date

Label that will Appear on the Form: Due Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Due Date

Use this picker to specify a due date on any type of business process form.

Data Element Name: uuu_rfb_due_date

Label that will Appear on the Form: RFB Due Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: RFB Due Date

Use this picker to specify the due date for a bid on any RFB type of business process form.

Data Element Name: uuu_issue_date

Label that will Appear on the Form: Issue Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Issue Date

Use this picker to specify an issue date for a document that is attached to a line item.

Data Element Name: uuu_effective_date

Label that will Appear on the Form: Effective Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Effective Date

Use this picker to specify an effective date on a cost-type business process form.

Data Element Name: uuu_file_issue_date

Label that will Appear on the Form: Issue Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Issue Date

Use these pickers on any Document Attribute Form to specify the date and time a document was issued, created, or uploaded to the Document Manager.

Data Element Name: uuu_dm_create_date

Label that will Appear on the Form: Creation Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Creation Date

Use these pickers on any Document Attribute Form to specify the date and time a document was issued, created, or uploaded to the Document Manager.

Data Element Name: uuu_file_create_date

Label that will Appear on the Form: Upload Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Upload Date

Use these pickers on any Document Attribute Form to specify the date and time a document was issued, created, or uploaded to the Document Manager.

Data Element Name: uuu_last_update_date

Label that will Appear on the Form: Last Update Date

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Last Update Date

Use this picker on a planning sheet to specify the last date the sheet was updated.

Date Only Picker

The **Date Only Picker** displays an interactive calendar from which the date can be chosen.

The difference between this picker and a **Date Picker** is that a date-only date will not include a time stamp.

Fund Picker

Data Element Name: row_id

Label that will Appear on the Form: Funding Source

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on Cost-type BPs to choose which fund (from the Company Funding Sheet) the BP will allocate funds to or consume funds from.

The system populates this picker with the fund codes created with the Fund Attribute Form.

Group Name Picker

The **Group Name Picker** is the data definition (DD).

Data Element Name: The customer specifies the DE.

Label that will Appear on the Form: The display element of the DE.

Available for Forms on Mobile Device: No

What it Does: It lets you pick users.

Hyperlink Picker

The **Hyperlink Picker** is the data definition (DD).

Data Element Name: Specified by customer.

Label that will Appear on the Form: The hyperlink name.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: It lets you enter hyperlinks for web pages.

Image Picker

The **Image Picker** is the data definition (DD).

Data Element Name: Specified by customer

Label that will Appear on the Form: The file name.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: It lets you pick images.

Location Picker

Data Element Name: uuu_location

Label that will Appear on the Form: Location

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Specifying the hierarchy between shells. From this picker, the user picks the parent shell under which another shell should belong.

P6 Activity Picker

Data Element Name: ue_prj_StartP6AP

Label that will Appear on the Form: Start Activity/Milestone

Available for Forms on Mobile Device: No

Place holder for Type Ahead: Type Activity ID...

What it Does: This picker displays the list of Activities from Activity Sheet.

Planning Period Picker

Data Element Name: uuu_ppm_period_picker

Label that will Appear on the Form: Planning Period

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker to select a planning period for a portfolio to use. The planning periods for this picker are created under the Period Structure sub-node of the Standards & Libraries node after the portfolio is imported. At runtime, the picker will show the planning periods the user can choose from (yearly, monthly, or quarterly) and the format in which the period will be displayed (such as YY or YYYY).

The picker will automatically display the current year, plus the next four years.

Project Picker

Data Element Name: uuu_project_picker

Label that will Appear on the Form: Project Picker

Available for Forms on Mobile Device: Project Picker

What it Does: Use this picker on the upper or detail form of company-level business processes to choose a project. You can place multiple project pickers on a form. The picker will show the user a list of the company-sponsored projects to which the user has access. The picker is designed to show active, and on-hold projects.

The system populates this picker with the information from the project shells in the database. Users can use this picker to populate data elements on BP fields with project shell information.

Project Template Picker

Data Element Name: uuu_proj_template_picker

Label that will Appear on the Form: Project Templates

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on the upper or detail form of a Project/Shell Creation BP to specify the template that should be used by this BP to auto-create a project. The picker will show the user a list of active project templates.

Shell Template Picker

Data Element Name: uuu_shell_template_picker

Label that will Appear on the Form: Shell Templates

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on the upper or detail form of a Project/Shell Creation BP to specify the template that should be used by this BP to auto-create a shell or to add a Template Picker to the detail form or integration form so that the user can manually select the template that the shell is related to. The picker will show the user a list of active templates that have been created for the shell.

Using the Template Picker ensures that the related shell is automatically populated and updated whenever it is created through the Project/Shell Creation BP, created manually by using a template, or created through integration by using a CSV import or a REST service.

This picker works in conjunction with the **uuu_shell_location** data element so that the picker list displays only those shell templates belonging to a specific shell type.

> **Note:** To determine what template to use, the system first checks the Shell Detail form to see whether a value for the uuu_shell_template_picker data element (DE) is defined. If the DE is not populated or is not used, the system checks to see whether a default template is specified. If so, the views associated with the default template are included.

Shell Data Picker

Data Element Name: User-defined.

Label that will Appear on the Form: User-defined.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker to select a shell instance (location).

You can auto-populate and reverse auto-populate (RAP) shell data pickers on the Shell Attribute Form.

SOV Picker

Data Element Name: WBS Picker

Label that will Appear on the Form: Cost Code

Available for Forms on Mobile Device: No

What it Does: It lets you pick CBS codes from referenced Base Commit record (includes CBS codes selected in base Commit and change Commit).

SYS Date Picker

Data Element Name: uuu_creation_date

Label that will Appear on the Form: Creation Date

Available for Forms on Mobile Device: Yes

What it Does: This picker views the date a business process record was created. The system automatically populates this element.

User Picker

Use **User Picker** to choose members of a project team or any user defined within a company; for example, to designate a contact person unrelated to the workflow assignees. The system populates these pickers with user names in the database.

The system comes with the following DEs for **User Picker**:

- ▸ **uuu_cost_owner**
- ▸ **uuu_dm_created_by**
- ▸ **uuu_file_create_by**
- ▸ **creator_id**

The following explains each DE in detail:

Data Element Name: uuu_cost_owner

Label that will Appear on the Form: Owner

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Owner

Use this picker on a Cost Attribute Form to identify the owner of a cost code.

Data Element Name: uuu_dm_created_by

Label that will Appear on the Form: Owner

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Owner

Use this picker on a Document Attribute Form to identify the owner of a document.

Data Element Name: uuu_file_create_by

Label that will Appear on the Form: Upload By

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Upload By

Use this picker on a Document Attribute Form to identify the person who uploaded the document to the Document Manager.

Data Element Name: creator_id

Label that will Appear on the Form: Creator ID

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Creator ID

Use this picker on any type of business process form to identify the person who created the BP record.

User Data Picker

The **User Data Picker** is the data definition (DD).

Data Element Name: The customer specifies the DE.

Label that will Appear on the Form: The display element of the DD.

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: It lets you pick users.

WBS Code Picker

Data Element Name: bItemID

Label that will Appear on the Form: Cost Code (User defined - editable)

Available for Forms on Mobile Device: Yes

Place holder for Type Ahead: Type WBS Code or Name...

What it Does: This picker selects a WBS code.

WBS Picker

Data Element Name: uuu_cmwbs_picker

Label that will Appear on the Form: WBS Picker

Available for Forms on Mobile Device: Yes

Place holder for Type Ahead: Type WBS Code...

What it Does: This picker displays the list of WBS Codes from WBS Sheet.

Work Package Picker

Data Element Name: wpid

Label that will Appear on the Form: Work Package

Available for Forms on Mobile Device: Yes (iOS & Android)

What it Does: Use this picker on the detail form of any Cost type business process to select a work package. Users create the work packages from a specific Cost Sheet. The system then populates this picker with the work packages that have been created.

For Base Commit business processes, the value selected in the Work Package Picker in a line item is automatically populated in the Work Package Picker in the line items in the associated General Spends, Payment Application, and Change Commit business processes. This value can be updated manually, through CSV import, or through Web Services Integration. This automatic population applies only to Base Commits with the Commitment Summary Line Items specified as Individual commit line items in the Options tab of the business process Properties. Also, the Integration Detail Forms designed for the associated business processes must contain the Work Package Picker to facilitate the automatic population of the Work Package Picker in the line items of those business processes.

For Base Commit business processes, the value selected in the Work Package Picker in a line item is automatically populated in the Work Package Picker in the line items in the associated General Spends, Payment Application, and Change Commit business processes. This value can be updated manually, through CSV import, or through Web Services Integration. Also, the Integration Detail Forms designed for the associated business processes must contain the Work Package Picker to facilitate the automatic population of the Work Package Picker in the line items of those business processes.

Glossary

The following provides definitions for most common terms used in the system.

In This Section

In Alphabetical Order A-G

Action Form

The Action Form is the version of the business process form that opens when the recipient accepts the task implicit in the form. As a business process arrives at each step in a workflow, the system notifies the appropriate users if they are involved in the step.

When they open the notification, the system displays a view-only form of the step's task.

If the user accepts the task, the form becomes an action form where the user can enter or edit information and attach additional documents. See also **View Form**.

Activity

A part of the work or event that must be completed on a schedule.

Activity Sheet

The Activity Manager is where users can create and manage schedules at the project level. They can create an Activity Sheet that is customized to a project's needs. After these sheets are created, users can use them to assign resources to tasks, create relationships between activities, track schedule progress and variables, and calculate the schedule's critical path.

Actuals

The actual hours entered via time sheets and the costs calculated from the hours entered.

Actual Cost of Work Performed (ACWP)

The actual cost incurred for work performed. This cost is usually captured by invoices or Payment Applications. It is a key component for determining Earned Value. See also **Earned Value**.

Administration Mode

Administration (Admin) mode allows administrators to set up and configure Unifier Essentials functions.

Administrators

There are three types of administrators: System Administrator (or Site Administrator), Company Administrator, and Project Administrator.

Although the system allows complete flexibility in assigning individual users permission to access its features, the administrators typically perform certain administration functions. See also **System Administrator**, **Company Administrator**, **Project Administrator**.

Allocation

The process of distributing available capacity, by role, to projects. Places constraints on how much resource capacity individual projects can utilize. Also, the process of distributing funds to projects. After you allocate the funds to the project, they are assigned for consumption.

Assignees

The users or groups assigned to a business process workflow step, for review, approval, response, and so on.

Attribute Form

An attribute form collects "meta data," or additional information about a business process, manager, or other system component; often referred to as the component's "properties." It is for collecting information that is not part of a workflow. For example, you can design a Cost Attribute Form with fields that will track extended information about a CBS code. You can design a Fund Attribute Form with fields to define segments, and reference fields for fund codes.

Typically, the information collected by attribute forms populates fields in many of the system's windows and dialogs.

Auto-creation

The process of automatically creating a business process record. There are different ways to auto-create a record:

▶ **From a workflow**

A business process form can be designed to automatically create a new BP record after the form reaches a specified step in the workflow. The new record will contain an exact duplicate of the information in the original record—all the information that was contained in that transaction, including forms, attachments, and comments. After being created, the new BP is sent automatically to the next step in the workflow. The original BP record can automatically populate the upper form and detail form on the new BP record, provided the data elements of the form fields are the same on both records.

▶ **From a form**

A business process form can be designed to automatically create a new BP record based on:

　▶ A condition, such as a dollar amount

- ▶ A frequency, such as a daily or weekly time frame
- ▶ Both a condition and a frequency

When the business process reaches the condition or frequency trigger(s) in the workflow, the form will automatically create a new business process record. After being created, new workflow BP records are sent to an initiation step (I step) before the beginning of the workflow. When the user accepts the task, he/she can choose a new workflow schema, BP owner, and workflow duration. For non-workflow BP records, the new record opens immediately to a view only form when the user accepts the task; there is no workflow schema to choose.

Auto-population

A feature that automatically populates the fields on a business process form with data from other business processes (called "Reference Process"). Auto population is supported for text boxes, text areas, drop-downs, checkboxes, radio buttons, and date pickers only. Before you can auto-populate a business process, you must design a reference process from which to draw the data. To auto-populate an element, the data definition of both the source and the destination element must match.

You can also auto-populate a Payment Application from a Base Commit BP. You can use this feature only on SOV type payment applications or SOV line item type individual commit line items. Although you can use the auto-populating method described in the paragraphs above, you can, alternatively, do this in one step when you create a Base Commit BP. To accomplish the auto-population in one step, use the **Options** tab to map the fields when you launch the Base Commit BP.

Base Currency

Currency under which a company is operating. Additional currencies can be added and made available for use within projects/shells, and even for individual transactions. These additional currencies will apply a defined exchange rate calculation based on the base currency.

Baseline

The original schedule produced at the beginning of a project and accepted as the contractual project schedule. This baseline is the schedule against which progress and payments are measured until the schedule is revised.

A baseline is essential for tracking progress. The original estimates it contains are permanent reference points against which you can compare the updated task information that you enter into your project plan as the project progresses.

You can create additional baselines for construction **phases** (up to 11 in a single project plan).

BP

See **Business Process (BP)**.

Bid items

The line items of a Request for Bid (RFB) business process record.

Bid Package

The header and details of a bid request.

Bid tabulation

A comparative view of the bids submitted by the bidders on a project.

Bidder

A vendor or supplier who bids on a project.

Block

A block is a grouping of cells on a BP form.

Budget at Completion (BAC)

The sum of all the budget values established for the work to be performed on a project or a work breakdown structure component or a schedule activity. The total planned value for the project.

Budget Cost of Work Performed (BCWP)

Also known as earned value. This is the cost of the percentage of work completed with respect to the Budget Cost of Work Scheduled.

For example, a simple construction project has a budget of $1000. This budget is scheduled to be consumed over a period of five days. If construction activity is 60% complete on the third day, the BCWP is $600 (.60 x $1000). It is a key component for determining Earned Value. See also **Earned Value**.

Budget Cost of Work Scheduled (BCWS)

This is a time-based budget that is assigned and scheduled by the Work Breakdown Schedule for an entire project.

For example, a simple construction project has a budget of $1000. This budget is scheduled to be consumed over a period of five days. The BCWS will be $200 per day. It is a key component for determining Earned Value. See also **Earned Value**.

Budget of an Activity

In terms of cost, the total expense that will be incurred to complete an activity. Contributors to this cost can be labor, material, equipment, or other costs.

In terms of units of measure, it is the total units that will be spent to complete an activity. These units can be hours, linear feet, or other units of measure, depending on the activity and the resources assigned to that activity.

Business Process (BP)

A business process (BP) is a set of coordinated tasks and activities that leads to the accomplishment of a specific business goal. For example, creating, routing, and approving a purchase order is a business process. BPs often include a workflow to specify how the business process should proceed, from start to finish. BP also refers to the *forms* that drive the business process. For most BPs, these BP forms will become attached to the steps in a workflow for the purpose of exchanging information. As part of the workflow, users will use these forms to collaborate as a team to complete the business process.

Business Process Types

Different business needs require different types of business processes. There are multiple types of business processes that are used in the system, such as Cost, Line Item, Document, Simple, RFB, Schedule, Resource, and Planning.

Cash Flow

The Cash Flow feature is a way to view a time-based record of income and expenditures, which can be presented in tabular or graphical format. It enables users to create a baseline for project expenditures, track actual costs, and calculate future expenditures based on a known forecast or calculate from trends compared to "Baseline" curves.

CBS Code

See **Work Breakdown Structure (WBS)/CBS Code**.

Commitment Summary

Works the same way a Schedule of Values works. See **Schedule of Values (SOV)**.

Company Administrator

Company administrators can (depending on permissions) create or modify projects, create data definitions for custom attributes on BP forms, activate business process schemas and define record numbering schemas, create users and groups and grant their permissions, set up templates, and add currencies.

Company Cost Sheet

A Company Cost Sheet is a detailed accounting of the company's budget and costs. A Company Cost Sheet works like a spreadsheet in Unifier Essentials, calculating and maintaining the company cost information.

Cost information is either entered manually or rolls up into the Company Cost Sheet when transactions occur.

Company Dashboard

A dashboard that is accessible at the Company level and can be used to view company data across projects/shells.

Company Funding Sheet

The Company Funding Sheet tracks all sources of funding across all projects. You can create only one sheet per company. Funding sources that are made available at project sheet level are rolled up to the company sheet, which maintains the overall fund information.

Conditional Routing

A divergence in the route of a business process, depending on a specific condition or situation.

BP workflows can be created to include a conditional step; that is, a step that must be resolved before the workflow can continue. Conditional steps entail separate (conditional) routing. This routing is triggered by a condition or situation that was set when the workflow was designed. An example of conditional routing is a purchase order that follows one workflow if the total amount is less than a certain amount, and follows another if it is equal to or greater than that amount. (These trigger values are assigned when the business process is set up.)

Conditional Step

A step that must be resolved before the workflow can continue. Conditional steps entail separate (conditional) routing. This routing is triggered by a condition or situation. An example of conditional routing is a purchase order that follows one workflow if the total amount is less than a certain amount, and follows another if it is equal to or greater than that amount. These trigger values are assigned when the business process is set up in the system and can specify multiple data elements that must be satisfied to activate the trigger.

Consolidate Comments

Collect the comments from multiple business process records into a single record. When you consolidate comments, you can also opt to copy any attachments along with the comments.

Consolidate Line Items

Collect the line items from multiple business process records into a single record. When you consolidate line items, you can also opt to copy the line item attachments.

Consolidate Markups

Collect the markups from multiple document business process records into a single record. When you consolidate markups, you can also opt to copy any attachments along with the markups.

Contingency

Contingency is a data source on a cost sheet that represents the budget amount allocated to contingency spending for each CBS code. It is useful for users in forecasting their contingency spending.

Cost Codes

Displays the type of cost code (fields that define the structure of the Cost Codes) specified for the project/shell.

Cost Performance Index

A measure of cost efficiency on a project. It is the ratio of earned value (EV) to actual cost of work performed (ACWP), or earned value divided by ACWP.

A value equal to or greater than one indicates a favorable condition; a value less than one indicates an unfavorable condition.

Cost Sheet

A Cost Sheet is a detailed accounting of the project's budget and costs. A cost sheet works like a spreadsheet within the system, calculating and maintaining the project cost information stored in the project. Cost information is either entered manually or rolls up into the Project Cost Sheet when transactions occur in the system.

Cost Type BP

BP forms that track and manage cost information. The system can be configured to show this information automatically on the cost sheet. Examples include change orders, base contracts, invoices, and budget change requests.

Custom BPs can have additional cost-related features, such as automatic generation of "Schedule of Values (SOV)" sheets for commit BPs, and funding allocations with spend BPs.

Cost Variance

Any difference between the estimated cost of an activity and the actual cost of that activity. It is usually the budgeted cost of work performed minus the actual cost of work performed. A negative variance means more money was spent for the work accomplished than was planned.

Critical Path

The series of tasks (or even a single task) that dictates the calculated finish date of a project. When the last task in the critical path is complete, the project is complete. By knowing and tracking the critical path for the project, as well as the resources assigned to critical tasks, you can determine which tasks can impact the project's finish date and whether the project will finish on time.

Specifically, the critical path takes the sequence of inter-dependent project network activities with the longest overall duration and determines the shortest possible time the project can be completed. The critical path algorithm calculates the starting and ending times for each activity, determines which activities are critical to the completion of a project (the critical path) and notes those activities that are less critical with "float time." There is no float time on the critical path.

Critical Task

A task that must be completed on schedule for the project to finish on time. If a critical task is delayed, the project completion date might also be delayed. A series of critical tasks makes up a project's critical path.

Cumulative Depreciation

The total reduction of the value of an asset over a period of time.

Current Period Depreciation

The current reduction in the value of the asset.

Custom Element

A data element you have created. See **Data Elements**.

Data Cube Definition

A Data cube definition is a query tool you can use to extract data and display it on a block of a configurable dashboard.

Data Definitions

Data definitions describe how data is entered and stored. The definition consists of the data type (whether it is an alphabetical string or a number), the data size (in number of characters for strings), and the input method (from a text box, drop-down [pull-down] menu, radio button, or checkbox). You must create data definitions before you specify the data elements for forms. The data definitions dictate how the data element will enter and store the information. A data definition can belong to one of the following categories:

- ▸ **Basic**: Predefined or user-defined Data Definitions that contain all Data Definitions except the Cost Code definitions.
- ▸ **Cost Codes**: Displays the type of cost code (fields that define the structure of the Cost Codes) specified in the design for the project/shell.
- ▸ **Data Picker**: Data pickers work with master business process logs and shells that function across a shell hierarchy. The purpose of a data picker is to make it easier for users to choose records:
    - ▪ From a master business process log
    - ▪ For auto-creation across shells

    A data picker usually displays an extra navigation structure that makes it easier for users to choose records to work with. In operation, a data picker navigates to a specific business process or shell and then extracts the records to display on the list by using a query the Administrator sets up.
- ▸ **Access**: Data Structure Setup node

Data Elements

Data elements combine a "Data Definitions" with a field label to become what users see on the forms. The fields on the forms the users see are filled by data elements. A data element can be a text box, where the user types in information; a drop-down (pull-down) menu of choices (also known as a picker), such as dates or names; radio buttons, where the user must select one of the options presented; or a checkbox, where the user has the option of choosing something or not.

Data elements are the name and form label only—the element is essentially an empty "shell" that will not contain values until they are specified.

Data Indexes

Lets your database administrator (DBA) or Oracle Cloud Administrator create user-defined indexes that speed up the performance of large data sets. The database index name is constructed by a fixed prefix, UUU, plus internal row_id, followed by _ and a user-defined suffix and description. For more information, contact your DBA or Oracle Cloud Administrator.

Access: Data Structure Setup node

Data Pickers

Data pickers work with master business process logs and shells that function across a shell hierarchy. The purpose of a data picker is to make it easier for users to choose records:

▸ From a master business process log
▸ For auto-creation across shells

A data picker usually displays an extra navigation structure that makes it easier for users to choose records to work with.

In operation, a data picker navigates to a specific business process or shell and then extracts the records to display on the list by using a query the Administrator sets up.

Access:

1) Go to the **Company Workspace** tab and switch to **Admin** mode.
2) In the left Navigator, select **Data Structure Setup**, and then select **Data Definitions**.

Data Source

A data source is the source from which you can extract data for any component of Unifier Essentials. For example, when creating a cost column on a cost sheet, the data source might be a cost BP transaction.

Data Views

Provides a view of data obtained via SQL query. It allows access to all database tables in a company registry (registry dependency ensures data security).

Data Views enable administrators to design and deploy custom reports (project/shell-level), create user-defined reports (UDRs), and utilize data as a source for Data Cubes (used to display live, or cached data in a custom company or shell dashboards).

Access: Data Structure Setup node

Dependency

An activity or task that must occur before another activity or task. See **Predecessor**.

Depreciation

The reduction in the value of an asset. Users can choose the method by which they want to depreciate an asset—straight line, double decline, sum of years, or manual.

Depreciation Period

The time over which an asset is depreciated; can be in years, months, or quarters.

Detail Form

The detail form is the form the user is presented with to add or modify a line item on certain business processes. The detail form contains the fields (data elements) that will be displayed on the line items list. See also **Upper Form**.

DMS

See **Document Manager**.

Document Manager

The Document Manager allows team members to manage and share project documents and organize them into folder structures. The manager ensures that project members are always using the most current versions of documents and makes accessing and distributing documents efficient.

Document Type BP

This is a BP form that can be used as an "envelope" to package a set of files, such as spreadsheets, drawings, and design documentation, that flow from one group to another. An example is a Transmittal.

Drafts (Drafts log)

A storage log where users can save a draft or copy of any BP they are creating or responding to.

Dynamic Data Element

Dynamic data elements are fields on BP forms that behave differently, depending on what the user chooses in a **master element** field. The master element dictates what the other fields in the set will show and how they will behave. For example, on a form that requires a state and city designation, the "city" field will show a different list of cities, depending on the state the user chooses. See **Dynamic Data Set**.

Dynamic Data Set

Dynamic data sets control what other data elements display or how they behave. You can use data sets to dictate how drop-down (pull-down) lists, radio buttons, and checkboxes behave when the user has multiple-choice options. The data sets are considered "dynamic" because the data values change, depending on what the user chooses in the master element field. For example, on a form that requires a state and city designation, the list of cities changes, depending on the state the user chooses. The state and city elements become a dynamic data set, and the master element (state) dictates what cities will appear in the drop-down list.

Earned Progress

A quantitative measurement to indicate how much has been earned on an activity over the duration of the activity. Earned progress can be represented as an amount, a quantity, or a percentage. It is a key component for determining Earned Value. See also **Earned Value**.

Earned Value

Earned value is a method for measuring project performance. It compares the amount of work that was planned with what was actually accomplished to determine if cost and schedule progress are as planned.

Earned value analysis is an industry standard used to measure a project's progress, forecast its completion date and final cost, and provide schedule and budget variances.

Element

See **Data Elements**.

ER Views (Entity Reference Views)

Provides a tabular view of the database tables that exist for each of the entities.

For example, if you open the ER View for Business Processes, it shows you the tables that are available for existing business processes in the company.

When data views are defined, the ER Views feature becomes particularly helpful for users without access to back-end and allows the users to see information within the application.

Access: Data Structure Setup node

Escalation

A clause in a lease which provides for the rent to be increased to reflect changes in expenses paid by the landlord, such as real estate taxes, operating costs, and so on. This may be accomplished by several means, such as fixed periodic increases, increases tied to the Consumer Price Index, or adjustments based on changes in expenses paid by the landlord in relation to a dollar or base year reference.

Estimate at Completion (EAC)

The final cost of any other key quantity (for example, hours, feet of material, or other quantity) based on provided estimates.

Estimate to Complete (ETC)

An estimate of cost or any other key quantity that a project can still incur based on estimates and the actual cost incurred so far by the project.

Exchange Rate

The price of currency of one country expressed in units of another currency. The exchange rate is used when converting transactions made in currencies other than the base currency.

Exchange Rate Set

Consists of all the currencies and exchange rates currently available for transactions. When your company is first set up by the site administrator, the set contains only your company's base currency. Any time you add additional currencies or modify exchange rates, a new set is created and replaces the last one.

Extrapolate

When users create a cash flow curve, they have the option of **extrapolating** the actual cost based on a provided data set. For example, they can estimate (extrapolate) the cash flow curve for this year based on last year's data. They will need to specify which data from last year's Cash Flow Sheet they want to base the extrapolation on. See also **Interpolate**.

Finish to Finish

Denotes that a task cannot end until another ends.

Finish to Start

Denotes that a task cannot start until another ends.

Float

The float (slack) value for each activity. This is calculated as a result of the critical path calculation.

Form Validation Rules

Form validation rules are created to validate form field values. Validation occurs at runtime when users click the Send or Save button. These rules apply to all forms, including BP forms and attribute forms.

Funding Appropriation (Automated)

Cost type commit BPs can be set up to allow Unifier users to allocate or consume funds. Funds are chosen from an available list using a fund picker. When the BP reaches its terminal status, the funds are allocated or consumed automatically. A button becomes available on the form allowing the user to access the funding sheet directly from the BP form.

Funding Manager/Funding Sheets

The Funding Manager tracks where project funding comes from, and how it is being spent. Funding is defined first at the company level, where individual funding sources are set up on the Company Funding Sheet. Project Funding Sheets track how funding is being spent on each project; individual transactions are rolled up to the Company Funding Sheet.

Gate

A set of conditions applied to a project phase which, when fulfilled, moves the project to the next phase.

Gate Elements

The criteria that define what the gate is. These are the conditions that a project phase must meet or complete before the project can progress to the next phase.

In Alphabetical Order H-N

I Step

An I Step is a step that is automatically created after a new business process is spawned by a BP Creator element from an upper form or a line item list based on:

▶ A condition, such as a dollar amount
▶ A frequency, such as a daily or weekly time frame

After being created, the new BP is sent to an initiation step before the beginning of the workflow. At this point, the user can specify a new workflow schema, new owner of the business process, duration of the process, and a new location (such as a different project) for the business process.

Instance

A reproduction of a component, based on a type, usually a shell. Instance can also refer to a BP record.

Integration

The integration feature imports and exports business process data en masse between Unifier Essentials and an outside application via Web Services. Integration automatically creates BP records, which is useful in cases where the user wants to populate the system with a large amount of user information that exists in another form, such as an Excel spreadsheet.

Integration Interface

To integrate data, you must create an integration interface; from this interface, you create a template that will import or export the data in a form that will be usable by both Unifier Essentials and the outside application. The data you can import or export comes from the fields on the forms that are part of a business process. The integration interface that you create determines what fields from the business process will be included on the import or export template.

Interpolate

Interpolation is estimating a cash flow curve based on known start and end values. There is not an equivalent option to "interpolate" as there is for "extrapolate based on data set," but it is possible to interpolate data by specifying end point cost data. For interpolation, the curve will be based on a specified end point. The base curve and interpolated curve will merge together if the end values are the same.

See also **Extrapolate**.

Latitude

An angular measurement in degrees ranging from 0° at the equator (low latitude) to 90° at the poles (90° N for the North Pole, 90° S for the South Pole; high latitude. Latitude denotes the location of a place either north or south of the equator.

See also **Longitude**.

Line Item BP

A business process that may be used for any generic data. The line item format is similar to cost BPs, but without currency restrictions.

Linked Records

This is a field that appears as a link at the bottom of a BP record, and allows users to dynamically attach read-only copies of supporting BP records to the BP. Linked records can be opened and reviewed from within the BP to which they are attached.

Log

Every business process, manager, and shell includes a log.

These logs list:

For business processes All the records that were created whenever a business process completed its cycle through a workflow. The logs contain one record for each cycle of the workflow. Each record contains all the information that was generated during the cycle, including the forms, documents, comments, and other data that was collected in the system during the BP's runtime.

For manager classes Everything that belongs to that class. Each record contains all information on that item in the class.

For manager sheets All the sheets that have been created for the manager. These sheets consolidate information and display whatever data they were designed to monitor.

For shells (visible in Admin mode only) Every shell that was created for that shell type. Each record contains all the information about how the shell is configured.

For business processes, shells, the Code and Records-based managers, you can design either a standard log, or an advanced log that will work with the master business process log and data pickers. An advanced log creates an extra navigation structure that makes it easier for users to choose records to work with.

Longitude

An angular measurement in degrees ranging from 0° at the prime meridian to +180° eastward and -180° westward. Longitude denotes the location of a place either east or west of the prime meridian.

See also **Latitude**.

Manager

Managers are a means to create, consolidate, and monitor such things as schedule activities, company assets, or project/shell or company costs. Most managers work as nodes in the left Navigator where users can create both the items to manage, and an electronic "sheet" where these items can be consolidated and monitored. You can, however, create your own managers to consolidate and monitor any entities you want. After you have created a manager, you can deploy it at the company or project/shell level. You can create up to 25 managers.

Master Data Element

A data element on a form that controls the behavior of other data elements. For example, on a form that requires a state and city designation, the list of cities changes, depending on the state the user chooses. The state and city elements become a dynamic data set, and the master data element (state) dictates what cities will appear in the pulldown list.

See also **Dynamic Data Element**.

Master Log

Permission-controlled business process log that is accessible from the Home node for all project/shell business processes and provides access to business process records of the same type that may exist in multiple projects/shells.

Master Service Agreement (MSA)

The Master Service Agreement (MSA) business process tracks a company-level arrangement that lets vendors provide services across multiple projects, released on a per-project/per-period basis using the Work Release business process.

Message (Messages Log)

The Messages Log displays copies of BP records that a user has been "cc'd" on during the workflow. BPs in the messages log are view-only copies for reference only.

Milestone

An activity or task that represents a significant point in time, such as a hand-over date. Milestones have zero duration.

Modes of Operation

The system has two modes of operation: User mode and Administration (Admin) mode.

My Dashboard

Dashboard specific to signed-in user in a shell, and configured by the user, or by the administrator for the user. End users can modify these dashboards. By default, all shells have a dashboard that the end user can configure if they have configure permissions. The dashboard is the user's personal dashboard, with their personally configured view of shell data. This dashboard is recommended if the user wants a personalized dashboard to view data that they specifically need to see regarding the shell.

Named Users

Used in the License Manager. The License Manager counts the number of "named users," which is the number of users a company pays for. An "active named user" refers to any user in the system with a status of "Active" or "On hold"; that is, they have a user name and password. Users with a status of "Inactive" are not counted against the license terms.

Net Book Value

The difference between an asset's starting book value and the current value (at the current depreciation period).

Numeric Formula

A formula used for calculating numeric field values. Any numeric, integer, currency, or decimal amount data element can be used to design a formula. There must be other numeric data elements available to design a formula. The formula is based on calculations that are assigned to the field by selecting from a list of available numeric data elements.

In Alphabetical Order O-T

Owner Company/Sponsor Company

The entity that engages in business and has the complete control (or ownership) of Unifier Essentials with all its rights and privileges.

Partner Company/Member Company

The consultants, contractors, and vendors that have been invited to participate in a project by the Owner Company/Sponsor Company. The system allows the addition of Partner Company/ Member Company to enable project users to collaborate on (and coordinate) the execution of a project.

Payment Applications

Payment applications are a sub-type of cost-type BPs. They are used for scheduling payments against construction contracts. Transactions on this type of BP roll up to the Cost Manager.

Percentage of Work Complete

A percentage value that indicates the current status of a task, resource, or assignment, expressed as the percentage of work that has been completed. It is between 0 (when no work has been performed on the task) and 100 (when all the work has been completed on the task). Using this value, you can compare planned work to actual completed work.

Pickers

Pickers appear as selection lists on business processes and other components. These pickers allow the user to choose elements such as dates, Master Service Agreements, other users, companies, line items, funds, or currencies.

Predecessor

A dependency; an activity or task that must occur before another activity or task. On schedules, predecessor relationships between activities are shown as lines terminated by arrows.

Private bid

A bidding process open to a specific set of bidders that have been selected during the invitation process.

Project Administrator

Performs tasks necessary to the administration of projects within the system; typically, creating projects, adding project users, creating groups and granting permissions, creating project cost sheets, creating business process setups, and defining workflows.

Project Funding Sheet

Project funding sheets track how your company's funding is being spent on each project. It tracks individual transactions, which are rolled up to the company funding sheet.

Project Phase

An intermediary milestone of a project.

Public bid

A bidding process open all vendors currently active on a project.

RFB

See "Request for Bid".

Record

A set of related data items treated as a unit. For example, in stock control, the data for each invoice could constitute one record. Also, all the fields on a BP form constitute a record.

Reference Process

A Reference Process is a business process that another business process has referenced by way of a picker on a form. Users use pickers on one business process form to call data from another—a referenced—business process. The picker establishes a link between the records of the two business processes (for example, an invoice BP to purchase order BP). Reference processes are usually used to auto-populate pickers. They are necessary for any BP form that uses BP pickers and line item pickers.

Reference processes contain the list of items the user can choose from the picker. Because a reference process establishes a link, record to record, you can populate the fields or pickers of one business process with the data from the referenced process.

Request for Bid

The Request for Bid (RFB) is a type of line item BP. RFBs are unique business processes that require participation from personnel outside your company. For an RFB, two sets of BP forms are required—one for the **requestor** (the user who creates the RFB and invites bids) and another for the **bidders** (the vendors) to fill out with bid information. An RFB must include a reference process to a vendor list business process, which contains the pool of vendors to whom the RFB will be sent.

Requestor

The user who initiates a Request for Bid (RFB) and invites bids.

Role

Roles are job types or functions that are necessary to carry out a project's tasks. Roles usually include billable rates and the currency in which the rates should be paid. Roles are associated with personnel **resources**—the people who can perform these roles in a project.

Run Time

When a report is run. Also, the duration of a project, during which time users use the business processes that were created for the project.

Salvage Value

The residual value of an asset; the value of an asset after the depreciation period. This can be zero, or a value at which the asset can be sold.

Schedule of Values (SOV)

An SOV is a way to assemble information from contract, change order, and invoice/payment application business processes into a single sheet. This SOV sheet streamlines the process of invoicing for completed phases of a project/shell.

The Schedule of Values is a detailed statement furnished by a construction contractor, builder, or others, outlining the portions of the contract sum. It allocates values for the various parts of the work and is also used as the basis for submitting and reviewing progress payments.

An SOV works in conjunction with commit types of business processes, such as a purchase order. Commit-types of business processes can be designed to automatically create an SOV sheet when they reach a designated step in a workflow.

The following lists the types of SOV sheets:

▸ A General SOV.

A General SOV gathers information from any contract, change order, or invoice/payment application BP into an SOV sheet.

▸ A Payment SOV.

An SOV for Payment Applications allows users to enter values directly onto the SOV sheet. The system then automatically adds these values to the payment application sheet.

Schedule Performance Index

A measure of schedule efficiency on a project. It is the ratio of earned value (EV) to planned value (PV), or EV divided by PV.

A Schedule Performance Index equal to or greater than one indicates a favorable condition; a value of less than one indicates an unfavorable condition.

Schedule Variance

As work is performed, it is "earned" on the same basis as it was planned, in dollars or other quantifiable units, such as labor hours. The planned value, when compared with the earned value, measures the dollar volume of work planned vs. the equivalent dollar volume of work accomplished. Any difference is called a schedule variance.

Schema

The flow of business process steps and the forms the users will use at each step.

Self-Service Portal

Log-in accessible to company user that allows them to submit request, track submitted requests, and communicate with the call center.

Sequence Policy

A sequence policy determines how the record numbers for each BP record are ordered. The record number is displayed on the form and in the business process log.

For a company, record numbering starts with this number on the first record of the first project and is sequential on each record after that, no matter what project a BP record is created in.

For a project, record numbering starts over in each new project, and is sequential within the project.

Service Providers

Partner companies whose users perform specific duties for the sponsoring company, both within and outside of a project.

Shell

A shell is a "container" in which users can organize entities, such as projects or facilities. This shell is where users can organize business information in one place to make managing it easy. A shell can include the functions and features necessary to manage the information in that shell, such as a Document Manager and a Cost Manager.

Standard "projects" work in a similar manner. The difference is that a shell is not required to function like a time-based project. A shell can encompass a static entity, such as a university campus, where maintenance activities are on-going. An example of such a shell could encompass a college campus to track building maintenance and new additions.

Shells can be arranged in hierarchies to represent a company's physical or organizational structure, such as:

State

City

Property

Building

Shell Dashboard

A dashboard that is accessible at the shell level and can be used to view data within a particular shell hierarchy. There are several types of shell dashboard, including My Dashboard and Shell Instance Dashboard.

Shell Instance

See **Shell Type**.

Shell Instance Dashboard

Dashboard created by an Administrator at a shell instance level. These dashboards are created in either a shell instance or a shell template. These dashboards are shell specific and not user specific. End users cannot modify these dashboards. This differs from My Dashboard in that is it a shell view of the shell for all users to use, and My Dashboard is a personalized view for a specific user, and displays the information that the user wants to see. The shell instance dashboard is a general view of specific shell data, and is not specific to any one user view of data. Administrators can create multiple shell instance dashboards per shell instance.

Shell Manager

Administrators group shells into hierarchies, create shell "instances," and specify what functions and features will be included in the shell, such as a cost manager, Document Manager, and so on.

See also **Shell**.

Shell Type

Shells are defined by type. From this type, users can create copies, called instances. For example, a shell type could be "Country," and instances of this type could be "Germany," "India," and "China." These instances would be linked to the Country shell.

See also **Shell**.

Simple BP

Business process that consists of an upper form only (like a line-item BP without the line items). It is a way to add company or project information that does not require line items.

Snapshot

The snapshot feature of the system takes a working "picture" of the schedule sheet, asset sheet, or planning sheet at any point in time. You can use a snapshot on these sheets to drill down into the process to expose specific activities or milestones, plans or planning phases, for particular attention. On an asset sheet, a snapshot can show the progress of an asset and its depreciation during any specific time range.

A snapshot can also be used to make working "versions" of a business process that you can use as an audit trail of the changes you have made to the process. This use of the snapshot feature makes the ongoing evolution of a business process design easier to track and control. As a business process evolves, you might need to return to a prior version of it to redesign some elements of the forms or the workflow(s). If this is the case, you can restore any one of the snapshots you have taken and proceed with the design.

SOV

See **Schedule of Values (SOV)**.

Start to Finish

Denotes that a task cannot end until another begins.

Start to Start

Denotes that a task cannot begin until another begins.

Status

Status indicates the position a record, line item, or asset is in at any point in the business process, such as "approved," "pending," or "closed."

Each business process produces at least one, and sometimes many, transaction records during its workflow. At each transaction, the user must apply a status to the record. The status is what drives the workflow from one step to the next.

A line item status is distinct from a record status, and unlike a record status, it is not a visible part of a workflow; it is part of the form that moves through the workflow.

Statuses are created when they are designed and accompany the business process when it is imported into Unifier Essentials.

Straight Line

A method of dividing lease payments over a specific period of time. Straight line method assumes that incoming cash flow is in the form of fixed lease payments over the term of the lease. These payments are totaled and divided by the lease term to arrive at the monthly income or expense. This results in an equal impact on the income statement in each reporting period, irrespective of the fact that cash flows differ.

String Formula

A composite field that combines multiple data elements, normally used for building fund code segments. String formulas involve combining values from text box data elements and specifying a string-type pulldown; for example, designing a field called "Project Identifier" using a formula that includes Project, Record No., and location.

String formulas can be defined only for text box and text area data elements.

Summary Line Items

Cost-type and line item-type BPs support summary line items, which group multiple line items together. Only the summary will appear on the BP form. The individual line items appear on the line item window (the detail form), and can be rolled up to other elements, such as the cost sheet, as needed.

System Administrator

System Administrators (or Site Administrators) are responsible for the end-to-end administration of the application. They are the only administrators who have permission to perform certain tasks (unless they grant these permissions to others), which include creating sponsor companies and partner/member companies, loading modules, loading reports, adding the first user(s) to a company, and adding a company administrator.

Tasks (Tasks Log)

When a BP is sent to the next step in its workflow, it becomes a task for the recipient. The recipient is notified by email that someone has sent a BP record for review or other action, and the task also appears on the BP tasks log.

Terminal Status

A terminal status denotes the end of a business process, usually on a workflow. A terminal status has a significant impact on the business processes in that it can be made to trigger an automatic action in the system.

After any BP reaches a terminal status, users can copy it to create another BP of the same type.

A terminal status on a **change commit BP** can update SOV sheet and SOV line items. If you use this feature, users will be able to access the SOV directly from the change commit BP form. On change commit BPs linked to a general spends SOV, a terminal status is not necessary for updates; it is necessary, however, on a change commit linked to a payment application BP.

A terminal status on a **base commit BP** can create an SOV sheet and SOV line items. If you use this feature, users will be able to access the SOV directly from the base commit BP form. On base commit BPs linked to a general spends SOV, a terminal status is not necessary for updates; it is necessary, however, on a base commit linked to a payment application BP.

A terminal status on a **commit or spends BP** can automate project fund consumption or appropriation. It can also create an SOV sheet. If you use this feature, users will be able to access the SOV directly from the commit or spends BP form.

After a **cost BP** reaches a terminal status, users can directly view funding transaction details from the cost BP.

After a **Payment Applications BP** reaches terminal status, users can directly accept line item history from the BP record.

On **timesheet BPs**, a terminal status can roll up time and money to the master timesheet, as well as the project cost sheet.

Tracking Gantt

A tracking Gantt chart compares dates on activities.

Transient Record

A record that has not yet completed the workflow; used specifically in the Funding Manager to allow funding of "in process" records.

In Alphabetical Order U-Z

uLink

uLink is a Java application that uses Web Services requests to integrate information between other enterprise applications and Unifier Essentials.

Unifier Mobile Application

The Unifier Mobile App lets users download and view company-level user defined reports, including crosstab, tabular, and summary reports, on a mobile device.

Upper Form

An upper form is the upper portion of a business process form. The upper form contains the basic information that the form is managing, such as the name of a record and its description, who created the record and when, and so on. It also contains general data entry, informational, or reference fields for the business process form.

See also **Detail Form**.

User Mode

User mode is the collaboration mode project users work in when creating and sending BPs, or using functions such as the cost manager or the document management system.

Vendor Master

A company-level business process that maintains a master list of all vendors or suppliers that a company or project works with. RFBs refer to this master list during the bid process. The master vendor list can be filtered for specific projects to contain a subset of the list.

View Form

The View form is the read-only version of a business process form that appears when the recipient first opens the form. The fields cannot be edited. A view form may also be used when the designer does not want the user to be able to change the data on the form. Business process forms can only be printed from a view form.

See also **Action Form**.

Work Breakdown Structure (WBS)/CBS Code

CBS codes are standard in the construction industry for tracking project/shell costs. They are used in project management to break down a project into manageable pieces that can be more effectively estimated and monitored. These codes describe a cost item on a cost sheet and are typically composed of segments that can precisely describe the cost item at one or multiple levels, from a general level down to any number of specific levels.

See also **Cost Codes**.

Workflow

Workflows specify how a business process should proceed, from start to finish. They illustrate each step in the business process and govern the behavior of each step. Workflows also include the movement of documents around the organization for purposes including sign-off, evaluation, or performing activities in a process.

Most business processes will include a workflow or workflows; however, some business processes have a single purpose of storing data. They are often data entry forms designed to enter information directly into the system (for example, vendor lists). These business processes are called non-workflow BPs.

Worksheet

A worksheet reflects a cost sheet, but can be altered for specific purposes, such as manual data entry, or to conceal particular information from non-company personnel. They can also perform complex cost calculations that can, in turn, roll up to the cost sheet.

For example, you might have an independent estimator who is developing an estimate for the project. The estimator should not see information about the current project budget. For this case, you could create a worksheet that displays only the CBS codes and an "estimate" column where the estimator can enter values directly into the worksheet. That data would then roll up to the project cost sheet.

Work Package

A work package is a group of cost sheet rows that are a subset of the project cost sheet. It is the lowest-level deliverable that can be broken down into distinct activities. Work packages provide insight into the budget without providing full access to the details of the project cost sheet.

Yet to Buy (YTB)

Yet to Buy is a data source on a cost sheet that represents the budget yet to be spent on each CBS code. It is useful for users in forecasting their anticipated commits. The system never allows a negative value in this data source.