

Oracle® Copy Inventory Organization

Implementation Guide

Release 11*i*

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Oracle Copy Inventory Organization Implementation Guide, Release 11i

Part No. A95116-02

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Contents

Send Us Your Comments	v
Preface.....	vii
Audience for This Guide.....	vii
How To Use This Guide.....	vii
Documentation Accessibility	viii
Other Information Sources	viii
Online Documentation.....	viii
Related User’s Guides.....	ix
Guides Related to All Products	ix
User Guides Related to This Product	ix
Installation and System Administration	x
Other Implementation Documentation.....	xii
Training and Support.....	xiii
Do Not Use Database Tools to Modify Oracle Applications Data	xiv
About Oracle.....	xv
Your Feedback	xv
1 Copy Inventory Organization	
Overview of Copy Inventory Organization	1-2
Oracle Copy Inventory Organization Model	1-2
Oracle Copy Inventory Organization Process Features.....	1-3
Preparing to Use Copy Inventory Organizations	1-5
Defining a New Inventory Organization.....	1-6

Creating Inventory Organization Records and XML	1-9
Copy Organization Interface Window	1-10
XML Templates	1-11
Copy Inventory Organization Concurrent Program	1-19
Prerequisites	1-19
Copy Inventory Organization Concurrent Program Overview	1-19
Copy Inventory Organization Parameters.....	1-19
Submitting the Copy Inventory Organization Program.....	1-22
Verifying the Copy Inventory Organization Report	1-22
Error Handling.....	1-26
Viewing Errors	1-26
Correcting Errors	1-28
Common Errors.....	1-29

Index

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Oracle Copy Inventory Organization Implementation Guide, Release 11i

Part No. A95116-02

Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is an important part of the information used for revision.

- Did you find any errors?
- Is the information clearly presented?
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`mfgdoccomments_us@oracle.com`

If you would like a reply, please give your name, address, telephone number, and (optionally) electronic mail address.

If you have problems with the software, please contact your local Oracle Support Services.

Preface

Audience for This Guide

Welcome to Release 11*i* of the Oracle Copy Inventory Organization Implementation Guide.

This guide assumes you have a working knowledge of the following:

- The principles and customary practices of your business area.
- Oracle Copy Inventory Organization

If you have never used Oracle Copy Inventory Organization, Oracle suggests you attend one or more of the application training classes available through Oracle University.

- The Oracle Applications graphical user interface.

To learn more about the Oracle Applications graphical user interface, read the *Oracle Applications User's Guide*.

See Other Information Sources for more information about Oracle Applications product information.

How To Use This Guide

This guide contains the information you need to understand and use Oracle Copy Inventory Organizations.

- Chapter 1 describes how to create new inventory organization records in Oracle Copy Inventory Organization.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Standards will continue to evolve over time, and Oracle Corporation is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For additional information, visit the Oracle Accessibility Program Web site at <http://www.oracle.com/accessibility/>.

Accessibility of Code Examples in Documentation

JAWS, a Windows screen reader, may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, JAWS may not always read a line of text that consists solely of a bracket or brace.

Other Information Sources

You can choose from many sources of information, including online documentation, training, and support services, to increase your knowledge and understanding of Oracle Copy Inventory Organization.

If this guide refers you to other Oracle Applications documentation, use only the Release 11i versions of those guides.

Online Documentation

All Oracle Applications documentation is available online (HTML or PDF).

- **Online Help** - The new features section in the HTML help describes new features in 11i. This information is updated for each new release of Oracle Copy Inventory Organization. The new features section also includes information about any features that were not yet available when this guide was printed. For example, if your administrator has installed software from a mini-packs an upgrade, this document describes the new features. Online help patches are available on MetaLink.

- **11i Features Matrix** - This document lists new features available by patch and identifies any associated new documentation. The new features matrix document is available on MetaLink.
- **Readme File** - Refer to the readme file for patches that you have installed to learn about new documentation or documentation patches that you can download.

Related User's Guides

Oracle Copy Inventory Organization shares business and setup information with other Oracle Applications products. Therefore, you may want to refer to other user's guides when you set up and use Oracle Copy Inventory Organization.

You can read the guides online by choosing Library from the expandable menu on your HTML help window, by reading from the Oracle Applications Document Library CD included in your media pack, or by using a Web browser with a URL that your system administrator provides.

If you require printed guides, you can purchase them from the Oracle Store at <http://oraclestore.oracle.com>.

Guides Related to All Products

Oracle Applications User's Guide

This guide explains how to enter data, query, run reports, and navigate using the graphical user interface (GUI) available with this release of Oracle Copy Inventory Organization (and any other Oracle Applications products). This guide also includes information on setting user profiles, as well as running and reviewing reports and concurrent processes.

You can access this user's guide online by choosing "Getting Started with Oracle Applications" from any Oracle Applications help file.

User Guides Related to This Product

Country-Specific User's Guide

These manuals document functionality developed to meet specific legal and business requirements in more than 25 countries. You should use the appropriate user's guide, such as the Oracle Financials for Germany User's Guide, for more information about using Oracle Financials in a specific country. Consult your

country-specific user's guide, Oracle Financials Regional User's Guide, and your financial product's manual to effectively use Oracle Financials in your country.

Global Accounting Engine

Use the Global Accounting Engine to replace the transfer to General Ledger and create subledger accounting entries that meet additional statutory standards within some countries. The Accounting Engine provides subledger balances, legal reports, and bi-directional drill-down from General Ledger to the subledger transaction. manual when you define additional rate types, and enter daily rates. This manual also includes complete information on implementing Budgetary Control.

Oracle Financials Regional User's Guide

This manual describes functionality developed to meet specific legal and business requirements that are common to several countries in a given region. Consult this user's guide along with your country-specific user's guide and your financial product's manual to effectively use Oracle Financials in your country.

Oracle Inventory User's Guide

This guide describes how to define items and item information, perform receiving and inventory transactions, maintain cost control, plan items, perform cycle counting and physical inventories, and set up Oracle Inventory.

Installation and System Administration

Oracle Applications Concepts

This guide provides an introduction to the concepts, features, technology stack, architecture, and terminology for Oracle Applications Release 11*i*. It provides a useful first book to read before an installation of Oracle Applications. This guide also introduces the concepts behind Applications-wide features such as Business Intelligence (BIS), languages and character sets, and Self-Service Web Applications.

Installing Oracle Applications

This guide provides instructions for managing the installation of Oracle Applications products. In Release 11*i*, much of the installation process is handled using Oracle Rapid Install, which minimizes the time to install Oracle Applications, the Oracle8 technology stack, and the Oracle8*i* Server technology stack by automating many of the required steps. This guide contains instructions for using Oracle Rapid Install and lists the tasks you need to perform to finish your

installation. You should use this guide in conjunction with individual product user's guides and implementation guides.

Upgrading Oracle Applications

Refer to this guide if you are upgrading your Oracle Applications Release 10.7 or Release 11.0 products to Release 11*i*. This guide describes the upgrade process and lists database and product-specific upgrade tasks. You must be either at Release 10.7 (NCA, SmartClient, or character mode) or Release 11.0, to upgrade to Release 11*i*. You cannot upgrade to Release 11*i* directly from releases prior to 10.7.

Maintaining Oracle Applications

Use this guide to help you run the various AD utilities, such as AutoUpgrade, AutoPatch, AD Administration, AD Controller, AD Relink, License Manager, and others. It contains how-to steps, screenshots, and other information that you need to run the AD utilities. This guide also provides information on maintaining the Oracle applications file system and database.

Oracle Applications System Administrator's Guide

This guide provides planning and reference information for the Oracle Applications System Administrator. It contains information on how to define security, customize menus and online help, and manage concurrent processing.

Oracle Alert User's Guide

This guide explains how to define periodic and event alerts to monitor the status of your Oracle Applications data.

Oracle Applications Developer's Guide

This guide contains the coding standards followed by the Oracle Applications development staff. It describes the Oracle Application Object Library components needed to implement the Oracle Applications user interface described in the *Oracle Applications User Interface Standards for Forms-Based Products*. It also provides information to help you build your custom Oracle Forms Developer 6*i* forms so that they integrate with Oracle Applications.

Oracle Applications User Interface Standards for Forms-Based Products

This guide contains the user interface (UI) standards followed by the Oracle Applications development staff. It describes the UI for the Oracle Applications

products and how to apply this UI to the design of an application built by using Oracle Forms.

Other Implementation Documentation

Oracle Applications Product Update Notes

Use this guide as a reference for upgrading an installation of Oracle Applications. It provides a history of the changes to individual Oracle Applications products between Release 11.0 and Release 11*i*. It includes new features, enhancements, and changes made to database objects, profile options, and seed data for this interval.

Multiple Reporting Currencies in Oracle Applications

If you use the Multiple Reporting Currencies feature to record transactions in more than one currency, use this manual before implementing Oracle Copy Inventory Organization. This manual details additional steps and setup considerations for implementing Oracle Copy Inventory Organization with this feature.

Multiple Organizations in Oracle Applications

This guide describes how to set up and use Oracle Copy Inventory Organization with Oracle Applications' Multiple Organization support feature, so you can define and support different organization structures when running a single installation of Oracle Copy Inventory Organization.

Oracle Workflow Administrator's Guide

This guide explains how to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes, as well as how to monitor the progress of runtime workflow processes.

Oracle Workflow Developer's Guide

This guide explains how to define new workflow business processes and customize existing Oracle Applications-embedded workflow processes. It also describes how to define and customize business events and event subscriptions.

Oracle Workflow User's Guide

This guide describes how Oracle Applications users can view and respond to workflow notifications and monitor the progress of their workflow processes.

Oracle Workflow API Reference

This guide describes the APIs provided for developers and administrators to access Oracle Workflow.

Oracle Applications Flexfields Guide

This guide provides flexfields planning, setup and reference information for the Oracle Copy Inventory Organization implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.

Oracle eTechnical Reference Manuals

Each eTechnical Reference Manual (eTRM) contains database diagrams and a detailed description of database tables, forms, reports, and programs for a specific Oracle Applications product. This information helps you convert data from your existing applications, integrate Oracle Applications data with non-Oracle applications, and write custom reports for Oracle Applications products. Oracle eTRM is available on Metalink

Oracle Manufacturing APIs and Open Interfaces Manual

This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes API's and open interfaces found in Oracle Manufacturing.

Oracle Order Management Suite APIs and Open Interfaces Manual

This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes API's and open interfaces found in Oracle Order Management Suite.

Oracle Applications Message Reference Manual

This manual describes all Oracle Applications messages. This manual is available in HTML format on the documentation CD-ROM for Release 11*i*.

Training and Support

Training

Oracle offers a complete set of training courses to help you and your staff master Oracle Copy Inventory Organization and reach full productivity quickly. These

courses are organized into functional learning paths, so you take only those courses appropriate to your job or area of responsibility.

You have a choice of educational environments. You can attend courses offered by Oracle University at any one of our many Education Centers, you can arrange for our trainers to teach at your facility, or you can use Oracle Learning Network (OLN), Oracle University's online education utility. In addition, Oracle training professionals can tailor standard courses or develop custom courses to meet your needs. For example, you may want to use your organization structure, terminology, and data as examples in a customized training session delivered at your own facility.

Support

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Copy Inventory Organization working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business area, managing an Oracle8i server, and your hardware and software environment.

Do Not Use Database Tools to Modify Oracle Applications Data

*Oracle STRONGLY RECOMMENDS that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle Applications data unless otherwise instructed.*

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle Applications data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle Applications tables are interrelated, any change you make using Oracle Applications can update many tables at once. But when you modify Oracle Applications data using anything other than Oracle Applications, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout Oracle Applications.

When you use Oracle Applications to modify your data, Oracle Applications automatically checks that your changes are valid. Oracle Applications also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to

track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of more than 160 software modules for financial management, supply chain management, manufacturing, project systems, human resources and customer relationship management.

Oracle products are available for mainframes, minicomputers, personal computers, network computers and personal digital assistants, allowing organizations to integrate different computers, different operating systems, different networks, and even different database management systems, into a single, unified computing and information resource.

Oracle is the world's leading supplier of software for information management, and the world's second largest software company. Oracle offers its database, tools, and applications products, along with related consulting, education, and support services, in over 145 countries around the world.

Your Feedback

Thank you for using Oracle Copy Inventory Organization and this implementation guide.

Oracle values your comments and feedback. In this guide there is a Reader's Comment Form you can use to explain what you like or dislike about Oracle Copy Inventory Organization or this implementation guide. Mail your comments to the following e-mail address or call us directly at (650) 506-7000.

Send electronic mail to **mfgdoccomments_us@oracle.com**.

Copy Inventory Organization

The Copy Inventory Organization feature is part of the Oracle Inventory application. The Oracle Copy Inventory Organization Implementation Guide includes current information about how to set up and use the Copy Inventory Organization features.

- [Overview of Copy Inventory Organization](#) on page 1-2
- [Preparing to Use Copy Inventory Organizations](#) on page 1-5
- [Defining a New Inventory Organization](#) on page 1-6
- [Copy Inventory Organization Concurrent Program](#) on page 1-19
- [Error Handling](#) on page 1-26

Overview of Copy Inventory Organization

As part of Oracle Inventory, you can use the Copy Inventory Organization feature to create a new inventory organization or to make a copy of an existing one. Starting from a model organization, this feature enables you to create a new clone organization with a minimal amount of effort; you can also create multiple organizations as a copy of your model organization and specify what attributes in the new organizations should be different from the model.

If your enterprise model requires you to set up a large number of inventory organizations, you can use this feature to significantly reduce your implementation time.

When you copy an organization, you specify what setup data to copy to your new organization, including:

- Organization definition
- Shipping networks
- Hierarchy assignments
- Bills of material and bills of material parameters
- Departments, resources, and routings
- Items and item attributes

Assumptions

All of the required Oracle Inventory setup steps have been completed.

Oracle Copy Inventory Organization Model

The copy inventory organization process includes the following steps:

1. Define a group code, which includes new organization names and related information.
2. Run the concurrent program, choosing a model organization and selecting entities which will be copied to your new organization(s).
3. The Copy Organization report is run automatically, indicating results and highlighting errors.
4. Review the copy organization report to verify successful copying of all entities.

The Copy Inventory Organization process is modeled below:

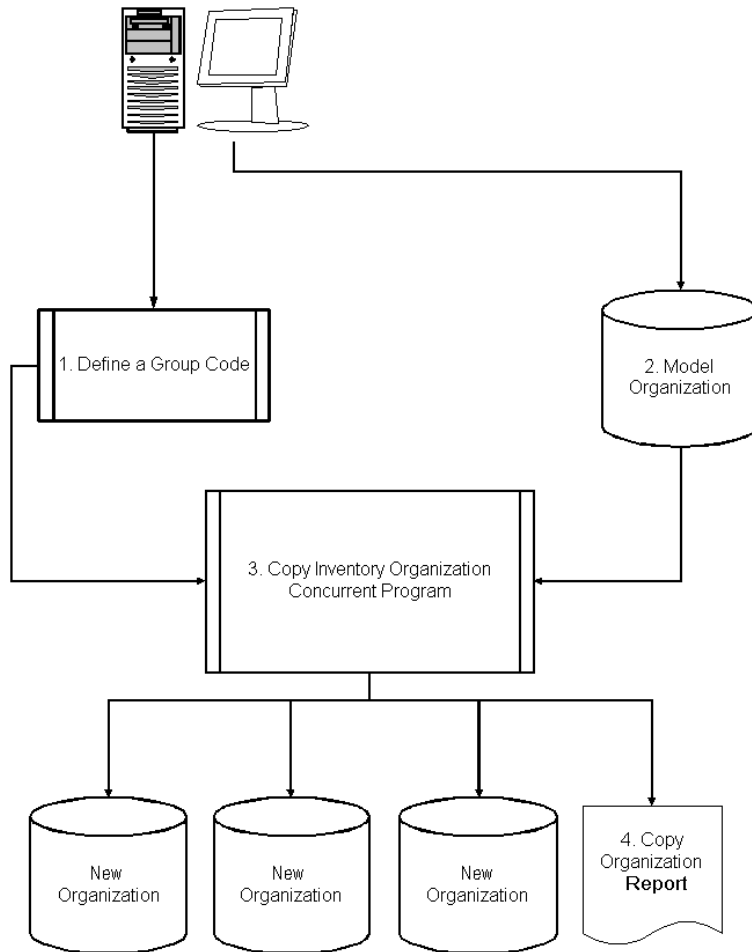


Figure 1-1 Overview of Copy Inventory Organization Process

Oracle Copy Inventory Organization Process Features

The Copy Organization Interface window enables you to enter organization and location information. The setup data you specify for your new organizations is grouped into sets. Each set is identified by a group code.

After you have created and saved the new organization and the location definition in the Copy Organization Interface window, run the Copy Organization concurrent program, indicating a model organization, the group code, and optional entities to copy. The model organization is used to derive organization parameters and entity setups to be duplicated in the new organizations.

The Copy Organization concurrent program parameters include:

- **Model Organization** - organization code from which you want to copy
- **Group Code** - XML definition of a new inventory organization
- **Assign to Existing Hierarchies** - all established organization hierarchies from your model organization can be copied
- **Copy Shipping Network** - all shipping networks defined in the model organization
- **Copy Items** - all active items in the model organization
- **Copy BOM** - all BOMs and their parameters, if they have been defined in the model organization
- **Copy Routings** - all departments, resources, and routings if they have been defined in the model organization
- **Purge** - after running the copy inventory organization concurrent program, you can purge the group code

Note: You can select the model organization attributes you want to copy to your new organization. You can specify which (if any) you want to copy. The default categories and all subinventories that are defined in the model organization are always copied into the new inventory organizations.

Preparing to Use Copy Inventory Organizations

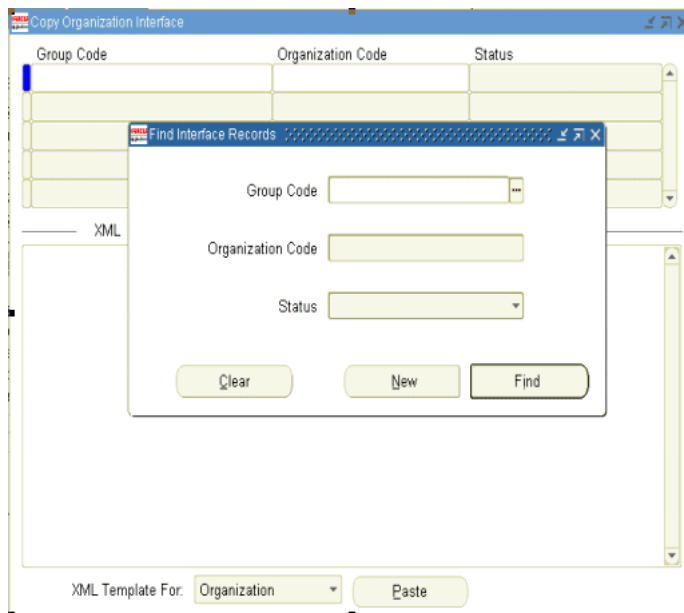
This following list outlines the required preparation steps you should complete prior to using the Copy Inventory Organization feature:

- In addition to the item master organization, create at least one inventory organization for use as a model organization. You should not use the item master organization as the model organization.
- Name an existing location for each organization that you want to create, or define new locations in the XML template. If you are using existing locations, they must not already be assigned to an organization.

Defining a New Inventory Organization

Use the Copy Organization Interface window to begin the process of defining and creating your new inventory organization records.

With this window, define one new organization at a time and group together all your related organization definition records with the group code. You can create as many new inventory organization records as you need by re-submitting this window. The group code will determine which new organization definition records will be processed by the Copy Inventory Organization Concurrent Program.



To create a new inventory organization definition record, you must first open the Copy Organization Interface window. The following table describes using the Copy Organization Interface window:

Table 1-1 Using the Copy Organization Interface Window

Step	Action	Description	Navigation
1	Open the Organization Copy Interface window	Open the window from the Inventory main menu	Inventory > Setup > Organization > Organization Copy Interface
2	Create a new organization using the Find Interface Records window	Use the New button to create new organization records	Inventory > Setup > Organization > Organization Copy Interface > Find Interface Records
3	Enter organization details on the New Interface Records window	Enter the new organization details on the New Interface Records window	Inventory > Setup > Organization > Organization Copy Interface > New Interface Records

Using the New Interface Records window, enter the parameters to populate the interface table with your new organization's definition. The organization details you enter on this window are saved in the Copy Organization Interface table. XML code is automatically generated for each new inventory organization record.

One record per inventory organization, including a location definition, is created from the model organization. You can create as many inventory organizations and modifications as you need based on your model organization.

The records you create here are used later in the process by the Copy Inventory Organization Concurrent Program. The Copy Inventory Organization Concurrent Program will process all records with the same Group Code.

Table 1-2 Populating the Interface Table

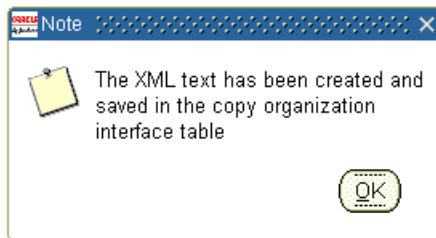
Step	Action	Description	Navigation
1	Enter Group Code	Enter a Group Code for your data. The group is a collection of individual inventory organization records that you wish to process in a single concurrent request	Organization Copy Interface window

Table 1-2 Populating the Interface Table

Step	Action	Description	Navigation
2	Enter organization name	Enter the organization name for the new inventory organization to be created	Organization Copy Interface window
3	Enter organization code	Enter a unique organization code for the new organization	Organization Copy Interface window
4	Enter location name	Enter a valid location from the List of Values	Organization Copy Interface window
5	Populate the interface table	Use the Populate Interface Table button to save your organization data in the table	Organization Copy Interface window

Saving your Organization Definition

After you save your organization data in the table the following note will appear:



Creating Additional Inventory Organizations

You can create additional inventory organizations for this Group Code (or any other Group Code) by entering a new Organization Name, Organization Code, and Location Name and repeating the steps in Table 1-2 Populating the Interface Table.

Inventory Organization XML Text

When you save your new organization's definition data in the interface table, XML text is created. Each organization you create using the New Interface Records window will have its own XML record created. Use the Organization Copy Interface window to both create and change information about your new inventory organizations.

Creating Inventory Organization Records and XML

When you define your new organizations, you can use the Extensible Markup Language (XML) template 'XML Template For'. There are two templates available, one for Organization and the other for Location. You can see the required XML tags in the templates to define organizations or locations. The complete XML code generation occurs in the background and does not require that you have a working knowledge of XML.

Inventory Organization Parameters

When you define new organizations in the Copy Organization Interface window, new inventory organization records are saved in the Copy Organization Interface table.

The following information describes the required parameters to create new organizations:

- Group Code
- Organization Name
- Organization Code
- Location Name

You are required to enter values for each of these parameters:

1. Group Code

Enter a Group Code to identify your new organization records.

The Group Code is used by the Copy Inventory Organization concurrent program to identify and group together all the individual organization records that will be processed in a single concurrent request.

2. Organization Name

Enter an Organization Name for the new organization.

The Organization Name is the name of the organization that will be created by the Copy Inventory Organization concurrent program.

3. Organization Code

Enter an Organization Code to identify your new organization.

The Organization Code is a code that the Copy Inventory Organization concurrent program will use to uniquely identify the new organization.

4. Location Name

Name an existing location for each organization that you want to create, or define new locations in the XML template. If you are using existing locations, they must not already be assigned to an organization. If you create a new location in the XML template, the location definition must precede the related organization definition.

Copy Organization Interface Window

The Copy Organization Interface window is divided into 3 sections:

1. Header Section

In the header section the following fields are displayed:

- Group Code
- Organization Code
- Status

2. XML Section

In the XML section the field names and XML tags for the following are required and always displayed:

- Inventory Organization (required)
- Locations (required)

The field names and XML tags for the following are optional and are not displayed (you may however paste the XML template into the window):

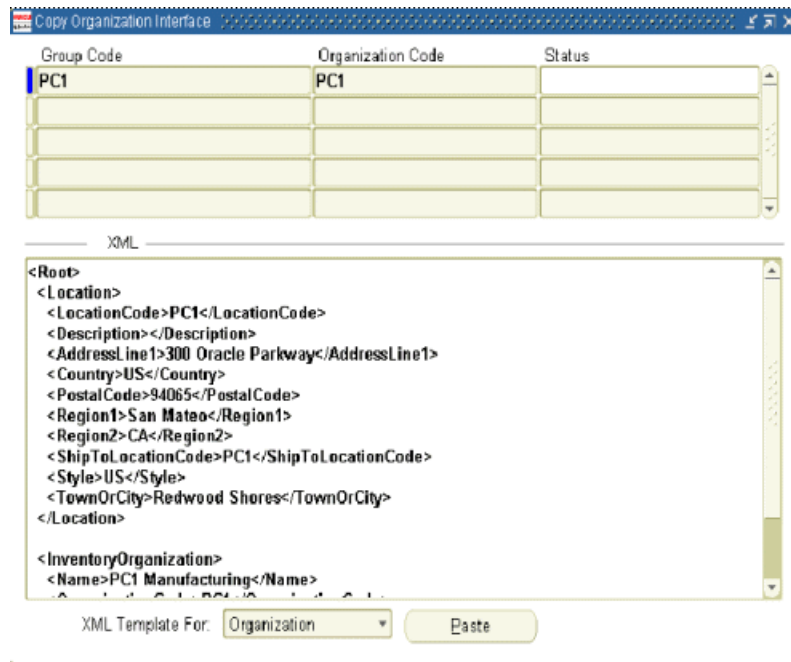
- Subinventories (optional)
- Resources (optional)

Note: If you want to define a new location to use in a new inventory organization, you need to define the location before the inventory organization in the XML template.

3. Footer Section

In the footer section you can select XML templates and paste them onto the XML section of this window.

When you paste an XML template, all the XML tags for your selection are included. Use the XML tags to change the parameters for your new inventory organization.



Note: All XML tags that do not contain data are interpreted by the system as null values and will overwrite the model organization values to null. If you do not want to change a value from the model organization, you must delete the appropriate tag.

XML Templates

Inventory Organization XML Template

When you populate the interface table, the mandatory XML tags and the values for your inventory organization are created by default. The mandatory XML tags and values are:

- Name - your organization name

- Organization Code - the organization code
- Location Code - the location code for your organization

The following Inventory Organization XML tags are optional:

- Negative Receipt Code
- Date From and Date To
- Organization Information Descriptive Flexfield

For every new inventory organization that you create, a separate record with the mandatory XML tags and values is created. The Copy Inventory Interface window enables you to view the inventory organization information in XML format. The XML tags containing organization and location information can be modified, as necessary, on this window. If you do not enter data for any XML tag, you must delete that tag.

Inventory Organization XML Tags

The following table lists the Inventory Organization XML Tags. The tags with an **M** are mandatory.

Table 1-3 Inventory Organization XML Tags

Inventory Organization Field	XML Format
Name	<Name> M </Name>
Organization Code	<OrganizationCode> M </OrganizationCode>
Negative Inventory Receipt Code	<NegativeInventoryReceiptCode> </NegativeInventoryReceiptCode>
Location Code	<location code> M </location code>
Date From	<date from> </date from>
Date To	<date to > </date to >
Organization Information Descriptive Flexfield	<orginformationdescflex> </orginformationdescflex>

Copy Organization Interface

Group Code	Organization Code	Status
PVC	PVC	S

XML

```

<AddressLine1>300 Oracle Parkway</AddressLine1>
<Country>US</Country>
<PostalCode>94065</PostalCode>
<Region1>San Mateo</Region1>
<Region2>CA</Region2>
<ShipToLocationCode>PVC</ShipToLocationCode>
<Style>US</Style>
<TownOrCity>Redwood Shores</TownOrCity>
</Location>

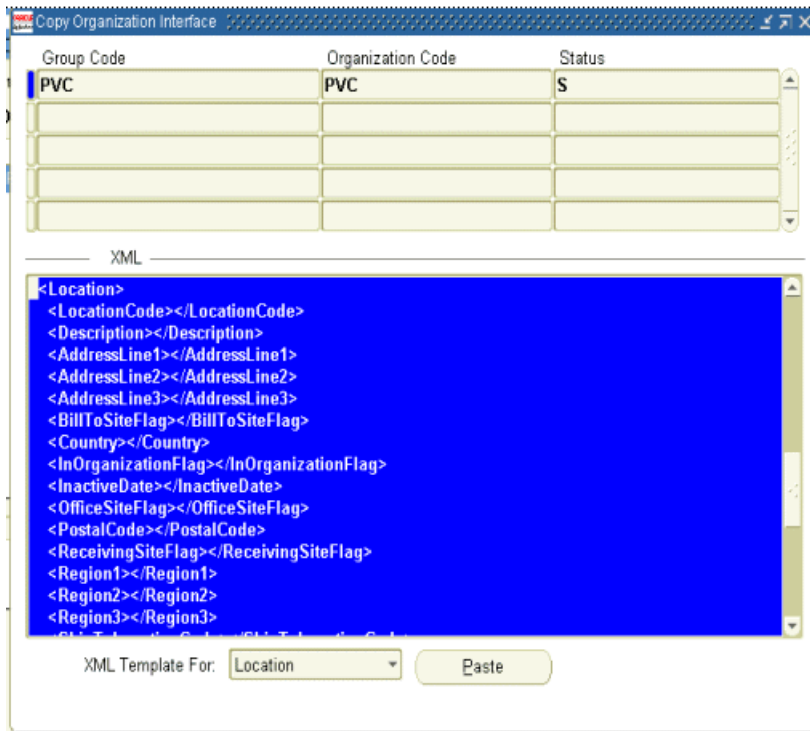
<InventoryOrganization>
  <Name>PVC Manufacturing</Name>
  <OrganizationCode>PVC</OrganizationCode>
  <LocationCode>PVC</LocationCode>
</InventoryOrganization>
</Root>

```

XML Template For: Organization Paste

Location XML Template

When you populate the interface table, the mandatory XML tags and the values for your inventory location are created by default. The mandatory fields for the location are dependent on the Address Style you have chosen. For more information see the *Oracle Inventory User's Guide*. Review your specific address type and requirements before creating or copying organizations.



Location XML Tags

The following table lists the location XML tags. The tags with an **M** are mandatory.

Location XML tags indicate to the Copy Inventory Organization Concurrent Program what locations you want to add to your new organization.

Mandatory determination of fields in the Location XML Template is dependent on the Address Style you have chosen. Review the Locations window (in Oracle Inventory) to determine which fields are required for your specific address style. The example below is for the US Style Address.

Table 1-4 Location XML Tags

Inventory Location Field	XML Format
Location Code	<Name> M </Name>
Description	<OrganizationCode> M </OrganizationCode>

Table 1-4 Location XML Tags

Inventory Location Field	XML Format
Address Line 1	<type> </type>
Address Line 2	<location code> </location code>
Address Line 3	<date from> M </date from>
Bill to Site Flag	<date to > </date to >
Country	<internal address line> </internal address line>
In Organization Flag	<internal externalflag> </internal external flag>
Inactive Date	-
Office Site Flag	-
Postal Code	-
Receiving Site Flag	-
Region 1	-
Region 2	-
Region 3	-
Ship to Location Code	-
Ship to Site Flag	-
Tax Name	-
Telephone Number 1	-
Telephone Number 2	-
Telephone Number 3	-
Town or City	-
Location Information 13	-
Location Information 14	-
Location Information 15	-
Location Information 16	-
Location Information 17	-
Location Information 18	-
Location Information 19	-

Table 1-4 Location XML Tags

Inventory Location Field	XML Format
Location Information 20	-
Attribute Descriptive Flexfield	-
Global Attribute Descriptive Flexfield	-

Subinventory XML Template and Tags

The Subinventory XML tags are all optional. Values for these tags are not required.

When you populate the interface table, the Subinventory XML tags are *not* created. To use the Subinventory XML tags, you will have to paste the template in the Copy Inventory Organization window and update the values.

The Subinventory XML tags are:

- Organization Code
- Secondary Inventory Name
- Location Code

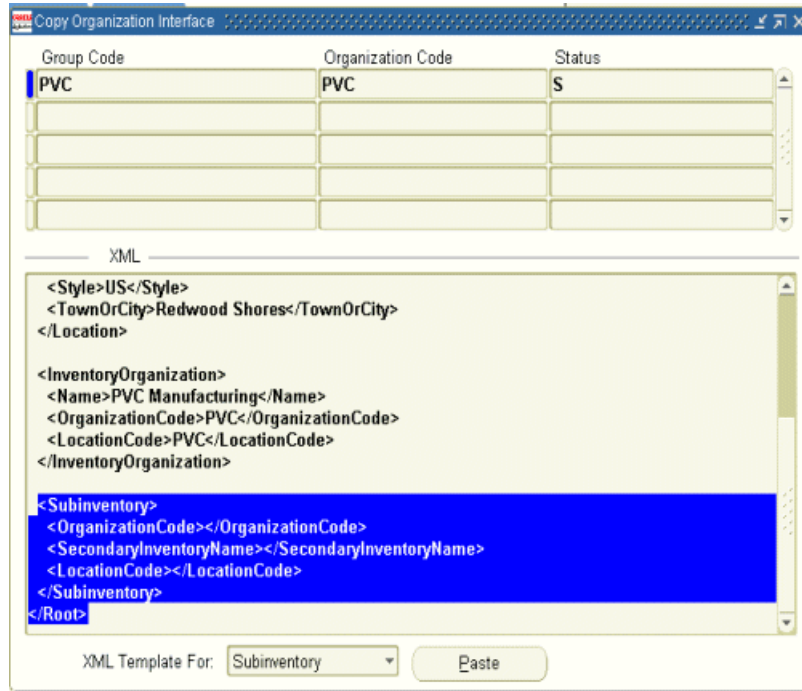
Table 1-5 Subinventory XML Tags

Subinventory Field	XML Format
Organization Code	<OrganizationCode> </OrganizationCode>
Secondary Inventory Name	<type> </type>
Location Code	<location code> </location code>

To modify subinventory data, you must indicate the subinventory you wish to modify by naming it within the Organization Code XML tag. The subinventory you choose must exist in your model organization. Modify the other XML tags as necessary. To make changes to multiple subinventories in your new organization, repeat this procedure by pasting the Subinventory Template and modifying the XML tags as necessary.

The new values that you enter will overwrite the values extracted from the model organization. If you do not enter data for any XML tag, you must delete that tag. The system interprets XML tags without values as null and will overwrite the

model organization values to null. If you do not want to change a value from the model organization, you must delete the appropriate tag.



Resource XML Template and Tags

The following lists the Resource XML Tags. These tags are all optional.

Table 1-6 Resource XML Tags

Resource Field	XML Format
Department Code	<Name> M </Name>
Resource Code	<OrganizationCode> M </OrganizationCode>
Organization Code	<type> </type>
Capacity Units	<location code> </location code>

Copy Inventory Organization Concurrent Program

Execute the Copy Inventory Organization Concurrent Program to create the new inventory organizations that you previously defined.

Included in this section:

- [Prerequisites](#)
- [Copy Inventory Organization Concurrent Program Overview](#)
- [Copy Inventory Organization Parameters](#)
- [Submitting the Copy Inventory Organization Program](#)
- [Verifying the Copy Inventory Organization Report](#)

Prerequisites

You must have saved at least one new organization definition in the Copy Organization Interface Table.

Copy Inventory Organization Concurrent Program Overview

Submit the Copy Inventory Organization Concurrent Program using the Standard Report Submission window. This concurrent program has the following parameters:

- Model Organization
- Group Code
- Assign to Existing Hierarchies
- Copy Shipping Networks
- Copy Items
- Copy BOM
- Copy Routings
- Purge

Copy Inventory Organization Parameters

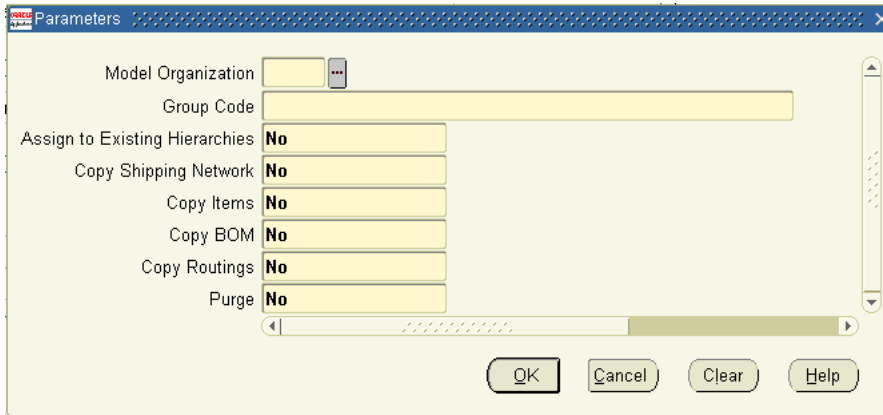
Table 1-7 lists and describes the Copy Inventory Organization Parameters.

Table 1-7 Copy Inventory Organization Parameters

Parameter	Description	Required?	Default Value
Model Organization	Choose an inventory organization from the list of values as your model organization. This organization is used to derive all inventory parameters that you wish to copy.	Yes	Null
Group Code	Choose a Group Code from the list of values. The group is a collection of individual inventory organization records that you wish to process in a single concurrent request.	Yes	Null
Assign to Existing Hierarchies	If yes, all new organizations will be assigned to the same hierarchies as the model organization. If no, the organizations will not be assigned to the model organization's hierarchies. You can run the Hierarchy Exceptions Report to list organizations that have not been assigned to hierarchies.	Yes	No
Copy Shipping Networks	If yes, all the model inventory organization's Shipping Network setup information will be copied to the new organization. If no, the shipping network setup will not be copied.	Yes	No

Table 1-7 Copy Inventory Organization Parameters

Parameter	Description	Required?	Default Value
Copy Items	<p>If yes, all items activated in the model organization will be copied and activated in the new organizations</p> <p>If no, no items will be copied.</p> <p>Item assignment is a one time process and can not be undone. There is a separate concurrent program that can be run to assign items.</p>	Yes	No
Copy BOMS	<p>If yes and if Bills of Material have been created in the model organization, all BOMs will be copied to the new organizations</p> <p>If no, Bills of Material will not be copied.</p>	Yes	No
Copy Routings	<p>If yes and if routings exist in the model organization, all routings are copied to the new organizations.</p> <p>If no, routings are not copied.</p>	Yes	No
Purge	<p>If yes, all records from the Interface Table will be purged.</p> <p>If no, the records will not be purged.</p> <p>Records with Fail will not be purged even if you have selected yes.</p>	Yes	No



Submitting the Copy Inventory Organization Program

After entering the Copy Inventory Organization concurrent program parameters, submit the program and verify that it completes successfully.

If the concurrent program does not complete successfully, refer to the [Error Handling](#) section of this guide.

Verifying the Copy Inventory Organization Report

After running the Copy Inventory Organization concurrent program, review the generated Copy Inventory Organization Report. This report includes summary information about organizations and locations, including the number of records successfully and unsuccessfully processed.

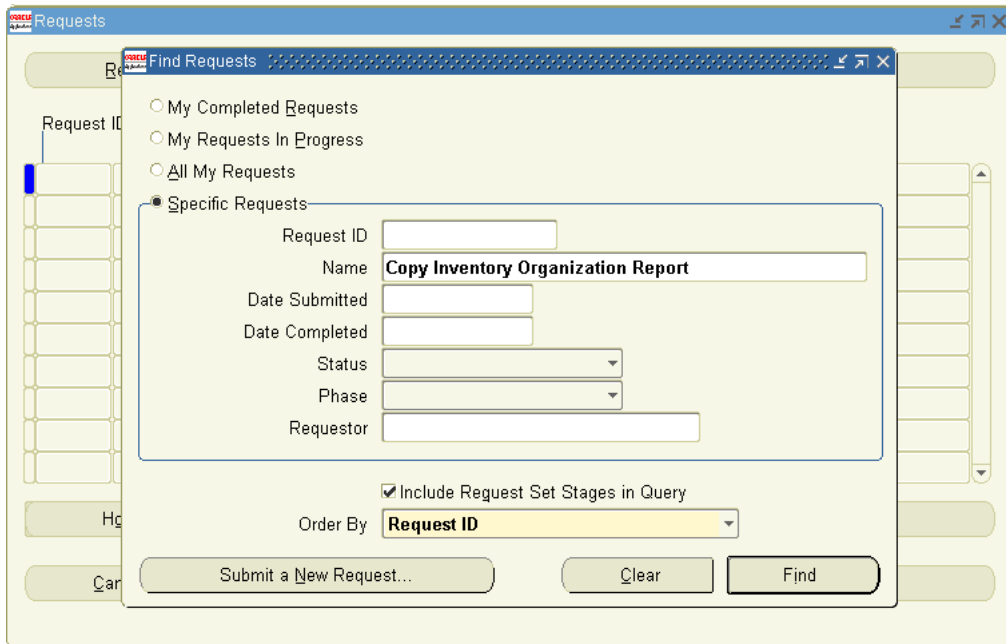
Detailed information is provided regarding other entities copied during the concurrent program run, including:

- Inventory Organization
- Organization Information
- Organization Hierarchies
- Inventory Parameters
- Receiving Parameters

- Interorganization Parameters
- Shipping Methods
- Subinventories
- Locators
- Items
- Item Subinventory Defaults
- Item Subinventories
- Item Locator Defaults
- Item Locators
- Alternate Designators
- Departments
- Resources
- Department Resources
- BOMs
- BOM Parameters
- BOM Components
- BOM Substitutes
- BOM Routings
- BOM Operations
- BOM operation Resources

Finding the Copy Inventory Organization Report

To find a Copy Inventory Organization Report, query it using the Find Requests window. Specify the Request Name as Copy Inventory Organization Report and select Find.



Reviewing the Copy Inventory Organization Report

Overview of New Organization

The new organizations are organized into four categories, according to their resulting statuses:

- Created with errors
- Not created
- Existed before copying
- Created successfully

Organizations that complete with error will be listed and categorized according to its abnormal resulting status. An error summary is included that describes what problems led to the errors. The number of successfully created organizations is also included.

Overview of New Locations

The new locations specified in the XML document are organized into three categories:

- Created successfully
- Not created
- Existed before copying

For each of the locations created unsuccessfully, an error summary will be presented to describe the problems that lead to the failure.

Entity Level Quantitative Information

The quantitative data of the entities in the new organization is presented in a table. For each entity type, the actual and expected numbers of new entities, copied entities, and modified entities are displayed.

Entity Level Discrepancies Information

A list of the entities that caused errors is presented in a table. The names of the entities not copied from the model, the entities not created as instructed in the XML document, and the entities not modified as specified in the XML document are displayed for each new organization.

Error Handling

This section covers how to handle errors when the Copy Inventory Organization concurrent program does not execute successfully.

Included in this section:

- [Viewing Errors](#)
- [Correcting Errors](#)
- [Common Errors](#)

Viewing Errors

Submit the Copy Inventory Organization concurrent program using the Standard Report Submission window. The results of the execution of the concurrent program are saved in a log file. To determine the error, you must review the log file.

In the example below, the Copy Inventory Organization concurrent program has completed with an error status. All concurrent programs that have errors will be displayed in red.

Request ID	Name	Parent	Phase	Status	Parameters
2013125	Copy Inventory Organiza		Completed	Error	21183, Demo, Y, Y, Y, Y, Y, Y, Y, Y
2012249	Movement Statistics Proc		Completed	Normal	5444, 2002/08/01 00:00:00, ,
2012246	Receiving Transaction Pi		Completed	Normal	IMMEDIATE, 68515
2012243	Open Period		Completed	Error	1174, 101, 101, P, Y
2012242	Open Period		Completed	Error	1174, 101, 101, P, Y
2012241	Open Period		Completed	Normal	1174, 101, 101, P, Y
2012240	Close Purchasing Period		Completed	Terminated
2012237	Open Period		Completed	Normal	1174, 101, 101, P, Y
2012236	Open Period		Completed	Normal	1174, 101, 101, P, Y
2012235	Open Period		Completed	Normal	1174, 101, 101, P, Y

To review your error(s), use the following buttons located on the Requests window:

View Details

Displays concurrent program submission details, including the concurrent program name, date, and status.

View Output

If the concurrent program produces output, use this button to view the output. The Copy Inventory Organization concurrent program does not produce output.

Diagnostics

Displays the error message and text.

View Log

Displays the entire log of the execution, including error(s) encountered. In most cases the error can be found on the last page of the log.

For more information see Submitting a Request in the *Oracle Applications User's Guide*.

Correcting Errors

If any organization data fails to process, you can find these records in the Organization Copy Interface window, make appropriate changes, and resubmit them by running the concurrent program again.

All records that fail to process due to errors will have a status of Failed. As described in the Create New Inventory Records section of this implementation guide, make your corrections to the XML tags (if an XML tag or value error).

The screenshot shows a window titled "Find Interface Records" with a blue header bar. Inside the window, there are three input fields: "Group Code", "Organization Code", and "Status". The "Status" field is a dropdown menu currently showing "Failed". Below these fields are three buttons: "Clear", "New", and "Find".

To display all records with a status of Failed, use the Find Interface Records window as shown.

Table 1-8 Displaying Failed Records using the Find Interface Records Window

Step	Action	Description	Navigation
1	Open the Organization Copy Interface window	Open the window from the Inventory main menu	Inventory > Setup > Organization > Organization Copy Interface

Table 1-8 Displaying Failed Records using the Find Interface Records Window

Step	Action	Description	Navigation
2	Enter the parameters to find your organization	Select the Find button to locate the organization records	Inventory > Setup > Organization > Organization Copy Interface > Find Interface Records
3	Enter Group Code	The Group Code for your data	To display FAILED records, you do not have to enter the Group Code
4	Enter Organization Code	The Organization Code for your data	To display FAILED records, you do not have to enter the Organization Code
5	Enter status	Enter FAILED in the Status field	You MUST enter FAILED status
6	Find	Select Find	(B) Find

Common Errors

The following is a list of common errors encountered when running the Copy Inventory Organization concurrent program. These errors can easily be corrected and the concurrent program re-submitted.

- **Error:** Invalid Value for XML Tag - entering an invalid value for any of the XML tags will cause an error when the concurrent program executes.

Solution: Review all the XML tags, paying particular attention to the tags that you entered a value for, and correct the value.
- **Error:** Invalid Characters in XML Tag - entering characters not recognized by XML in mandatory fields.

Solution: Review all mandatory fields for illegal characters, particularly single or double quotes. You cannot use single or double quotes within XML text.
- **Error:** Missing XML Tag - either omitting or deleting an XML tag corresponding with a mandatory window field will cause an error in the concurrent program.

Solution: Verify all mandatory XML tags have been entered.

- **Error:** Missing Mandatory Value - using an empty XML tag where a value is required. An empty tag will always infer that you want a null value for that field.
Solution: Review the windows, note all required fields, and verify all required XML tags have a value for the field.
- **Error:** Invalid Organization Name - entering an Inventory Organization Name that already exists in the system, or that exists in a previous record of your group code.
Solution: Organization names must be unique and can not be re-used.
- **Error:** Invalid Organization Code - entering an Organization Code that already exists in the system, or that exists in a previous record of your group code.
Solution: Organization codes must be unique and can not be re-used.
- **Error:** Invalid Location Name - entering a Location Name that is already assigned to an Inventory Organization.
Solution: Provided that you defined a valid new location in your XML document, or used the basic entry screen to populate data, you will not encounter this error.
- **Error:** Invalid Subinventory - naming a subinventory that does not exist in the model organization.
Solution: Only Subinventories that exist in the model organization can be modified for the new Inventory Organizations that you create.
- **Error:** Invalid Resource - naming a resource that does not exist in the model organization.
Solution: Only Resources that exist in the model organization can be modified for the new Inventory Organizations that you create.

The following errors must be corrected by your system administrator. Refer the following errors to the system administrator for correction:

- **Incorrectly Applied Patch:** Review the log file for Copy Org. If log file is really short (1 page) and the error includes text similar to "..Jdbc..", or "..class not found..", then the patch has not been applied correctly.
- **Locations:** If new locations are created using Copy Org, the address may not be valid according to HR geocoded information, in which case Copy Org will fail. For quick tests, don't create any new locations, but use existing location codes

(or none at all). If this problem occurs, the log file will contain 'HR_ LOCATIONS.' at the end when the error occurs.

- Program Exit Status 1: Java Language Illegal Argument Exception. This is a Patch issue.
- If the log file includes text with the '. dbc' the \$FND_TOP / Secure / XXXXXX.dbc path has not been set up correctly.

Index

A

Assumptions, 1-2

C

Common Errors, 1-29

Copy Inventory Organization Concurrent
Program, 1-19

Copy Inventory Organization Parameters, 1-19

Copy Inventory Organization Report, 1-22, 1-24

Copy Organization Interface window, 1-3, 1-6, 1-10
Footer Section, 1-10
Header Section, 1-10
XML Section, 1-10

Correcting Errors, 1-28

Creating Additional Inventory Organizations, 1-8

D

Defining a New Inventory Organization, 1-6

Diagnostics, 1-27

E

Error Handling, 1-26

F

Find Interface Records window, 1-28

Find Requests window, 1-23

G

Group Code, 1-4, 1-9

I

Inventory Organization Parameters, 1-9

Inventory Organization XML Tags, 1-12

Inventory Organization XML Template, 1-11

Inventory Organization XML Text, 1-8

L

Location Name, 1-10

Location XML Tags, 1-14

Location XML Template, 1-13

M

Model Organization, 1-4

N

New Interface Records window, 1-7

O

Organization Code, 1-9

Organization Model, 1-2

Organization Name, 1-9

P

Preparation, 1-5

Process Features, 1-3

R

Resource XML Template and Tags, 1-17

S

- Saving your Organization Definition, 1-8
- Setup data, 1-2
- Standard Report Submission window, 1-19, 1-26
- Subinventory XML Template and Tags, 1-16
- Submitting the Copy Inventory Organization Program, 1-22

V

- View Details, 1-27
- View Log, 1-27
- View Output, 1-27
- Viewing Errors, 1-26

X

- XML Templates, 1-11