

Oracle® iSetup

User Guide

Release 12

Part No. B31430-02

August 2007

Oracle iSetup User Guide, Release 12

Part No. B31430-02

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Send Us Your Comments

Oracle iSetup User Guide, Release 12

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Oracle welcomes customers' comments and suggestions on the quality and usefulness of this document. Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

If you find any errors or have any other suggestions for improvement, then please tell us your name, the name of the company who has licensed our products, the title and part number of the documentation and the chapter, section, and page number (if available).

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Preface

Intended Audience

Welcome to Release 12 of the *Oracle iSetup User Guide*.

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

- The principles and customary practices of your business area.
- Oracle iSetup.
- The Oracle Applications graphical user interface.

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

See Related Information Sources on page xi for more Oracle Applications product information.

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Structure

1 Introduction

This chapter gives you an overview of Oracle iSetup. It also gives you a brief introduction to Oracle iSetup's footprint and usage scenarios.

2 Configuring iSetup

This chapter helps you to configure iSetup. It covers the prerequisites for using iSetup and suggestions to tune iSetup for optimal performance.

3 iSetup Home

This chapter talks about information available on the Home page of Oracle iSetup.

4 Instance Mapping

This chapter helps you to maintain instance mappings. Mapped instances act as the source instance or target instances during migration.

5 Migrations

This chapter helps to create and maintain Selection Sets, Extracts, Transforms and Loads.

6 Reports

This chapter describes how to create, view, and download Standard and Comparison reports.

7 Interface Repository

This chapter explains the Interface Repository feature and its usage. Only users granted with the iSetup Super User role along with the iSetup responsibility can have the privileges to access the repository.

A Selection Set Templates

Oracle iSetup provides you with a set of selection set templates. This chapter describes the information on selection set templates.

B Profile Options

This chapter lists profile options and categories used in Oracle iSetup.

Glossary

Related Information Sources

Integration Repository

The Oracle Integration Repository is a compilation of information about the service endpoints exposed by the Oracle E-Business Suite of applications. It provides a complete catalog of Oracle E-Business Suite's business service interfaces. The tool lets users easily discover and deploy the appropriate business service interface for integration with any system, application, or business partner.

The Oracle Integration Repository is shipped as part of the E-Business Suite. As your instance is patched, the repository is automatically updated with content appropriate for the precise revisions of interfaces in your environment.

Other Information Sources

You can select from many sources of information, including documentation, training, and support services, to increase your knowledge and understanding of Oracle iSetup.

This book is included on the Oracle Applications Documentation Library, which is supplied in the Release 12 Media Pack. You can download soft-copy documentation as PDF files from the Oracle Technology Network at <http://otn.oracle.com/documentation>, or you can purchase hard-copy documentation from the Oracle Store at <http://oraclestore.oracle.com>. The Oracle Applications Documentation Library Release 12 contains the latest information, including any documents that have changed significantly between releases. If substantial changes to this book are necessary, a revised version will be made available on the "virtual" documentation library on Oracle *MetaLink*.

For a full list of documentation resources for Oracle Applications Release 12, see *Oracle Applications Documentation Resources, Release 12*, Oracle *MetaLink* Document 394692.1.

If this guide refers you to other Oracle Applications documentation, use only the Release 12 versions of those guides.

Online Documentation

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

- **PDF Documentation** - See the Oracle Applications Documentation Library for current PDF documentation for your product with each release. This Documentation is also available on Oracle *MetaLink* and is updated frequently.
- **Online Help** - You can refer to Oracle Applications Help for current HTML online

help for your product. Oracle provides patchable online help, which you can apply to your system for updated implementation and end user documentation. No system downtime is required to apply online help.

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

Related Guides

Oracle iSetup shares business and setup information with other Oracle Applications products. Therefore, you may want to refer to other guides when you set up and use Oracle iSetup.

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 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 navigate, enter data, query, and run reports using the user interface (UI) of Oracle Applications. This guide also includes information on setting user profiles, as well as running and reviewing concurrent requests.

You can access the *Oracle Application User's Guide* online by choosing "Getting Started with Oracle Applications" from any Oracle Applications help file.

Guides Related to This Product

Oracle Cash Management User Guide

This guide describes how to use Oracle Cash Management to clear your receipts, as well as reconcile bank statements with your outstanding balances and transactions. This manual also explains how to effectively manage and control your cash cycle. It provides comprehensive bank reconciliation and flexible cash forecasting.

Oracle Assets User Guide

This guide provides you with information on how to implement and use Oracle Assets. Use this guide to understand the implementation steps required for application use, including defining depreciation books, depreciation method, and asset categories. It

also contains information on setting up assets in the system, maintaining assets, retiring and reinstating assets, depreciation, group depreciation, accounting and tax accounting, budgeting, online inquiries, impairment processing, and Oracle Assets reporting. The guide explains using Oracle Assets with Multiple Reporting Currencies (MRC). This guide also includes a comprehensive list of profile options that you can set to customize application behavior.

Oracle General Ledger User's Guide

This guide provides information on how to use Oracle General Ledger. Use this guide to learn how to create and maintain ledgers, ledger currencies, budgets, and journal entries. This guide also includes information about running financial reports.

Oracle Payables User Guide

This guide describes how to use Oracle Payables to create invoices and make payments. In addition, it describes how to enter and manage suppliers, import invoices using the Payables open interface, manage purchase order and receipt matching, apply holds to invoices, and validate invoices. It contains information on managing expense reporting, procurement cards, and credit cards. This guide also explains the accounting for Payables transactions.

Oracle Receivables User Guide

This guide provides you with information on how to use Oracle Receivables. Use this guide to learn how to create and maintain transactions and bills receivable, enter and apply receipts, enter customer information, and manage revenue. This guide also includes information about accounting in Receivables. Use the Standard Navigation Paths appendix to find out how to access each Receivables window.

Oracle Purchasing User's Guide

This guide describes how to create and approve purchasing documents, including requisitions, different types of purchase orders, quotations, RFQs, and receipts. This guide also describes how to manage your supply base through agreements, sourcing rules, and approved supplier lists. In addition, this guide explains how you can automatically create purchasing documents based on business rules through integration with Oracle Workflow technology, which automates many of the key procurement processes.

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.

Oracle Order Management User's Guide

This guide describes how to enter sales orders and returns, copy existing sales orders, schedule orders, release orders, create price lists and discounts for orders, run processes, and create reports.

Oracle Engineering User's Guide

This guide enables your engineers to utilize the features of Oracle Engineering to quickly introduce and manage new designs into production. Specifically, this guide details how to quickly and accurately define the resources, materials and processes necessary to implement changes in product design.

Oracle Bills of Material User's Guide

This guide describes how to create various bills of materials to maximize efficiency, improve quality and lower cost for the most sophisticated manufacturing environments. By detailing integrated product structures and processes, flexible product and process definition, and configuration management, this guide enables you to manage product details within and across multiple manufacturing sites.

Oracle Advanced Pricing User's Guide

This guide describes how to set up and use Oracle Advanced Pricing features such as price lists, modifiers, qualifiers, formulas, multi-currency lists, agreements, archive and purge tools, reports, and concurrent programs.

Oracle Advanced Supply Chain Planning Implementation and User's Guide

This guide describes various types of plans and the setup tasks for Oracle Advanced Supply Chain Planning and Oracle Inventory Optimization. How to set up the supply chain, stimulate plan changes, optimize and constrain plans, as well as how to plan in various manufacturing environments are also addressed in this guide.

Oracle Work in Progress User's Guide

This guide describes how Oracle Work in Process provides a complete production management system. Specifically this guide describes how discrete, repetitive, assemble-to-order, project, flow, and mixed manufacturing environments are supported.

Oracle Enterprise Asset Management User's Guide

This guide discusses how to manage and maintain work orders and maintenance workbench, as well as provides Oracle enterprise Asset Management (eAM) preventive maintenance solution. The eAM's integration with other Oracle products including Oracle Property Management, Cost Management, Project Manufacturing, and Quality are also addressed in this guide.

Oracle Shipping Execution User's Guide

This guide provides information on setting up and using Oracle Shipping.

Oracle Quality User's Guide

This guide describes how Oracle Quality can be used to meet your quality data collection and analysis needs. This guide also explains how Oracle Quality interfaces with other Oracle Manufacturing applications to provide a closed loop quality control system.

Oracle Public Sector Advanced Features User's Guide

This guide describes how to set up and administer Oracle Public Sector Advanced Features. It describes Encumbrance Reconciliation Reports, GASB 34/35 Asset

Accounting, and Funds Available Enhancements.

Oracle HRMS Documentation Set

This set of guides explains how to define your employees, so you can give them operating unit and job assignments. It also explains how to set up an organization (operating unit). Even if you do not install Oracle HRMS, you can set up employees and organizations using Oracle HRMS windows. Specifically, the following manuals will help you set up employees and operating units:

Using Oracle HRMS – The Fundamentals. This user guide explains how to set up and use enterprise modeling, organization management, and cost analysis.

Managing People Using Oracle HRMS. Use this guide to find out about entering employees.

Installation and System Administration

Oracle Applications Concepts

This book is intended for all those planning to deploy Oracle E-Business Suite Release 12, or contemplating significant changes to a configuration. After describing the Oracle Applications architecture and technology stack, it focuses on strategic topics, giving a broad outline of the actions needed to achieve a particular goal, plus the installation and configuration choices that may be available.

Oracle Applications Installation Guide: Using Rapid Install

This book is intended for use by anyone who is responsible for installing or upgrading Oracle Applications. It provides instructions for running Rapid Install either to carry out a fresh installation of Oracle Applications Release 12, or as part of an upgrade from Release 11i to Release 12. The book also describes the steps needed to install the technology stack components only, for the special situations where this is applicable.

Oracle Applications Upgrade Guide: Release 11i to Release 12

This guide provides information for DBAs and Applications Specialists who are responsible for upgrading a Release 11i Oracle Applications system (techstack and products) to Release 12. In addition to information about applying the upgrade driver, it outlines pre-upgrade steps and post-upgrade steps, and provides descriptions of product-specific functional changes and suggestions for verifying the upgrade and reducing downtime.

Oracle Applications Patching Procedures

This guide describes how to patch the Oracle Applications file system and database using AutoPatch, and how to use other patching-related tools like AD Merge Patch, OAM Patch Wizard, and OAM Registered Flagged Files. Describes patch types and structure, and outlines some of the most commonly used patching procedures. Part of *Maintaining Oracle Applications*, a 3-book set that also includes *Oracle Applications Maintenance Utilities* and *Oracle Applications Maintenance Procedures*.

Oracle Applications Maintenance Utilities

This guide describes how to run utilities, such as AD Administration and AD Controller, used to maintain the Oracle Applications file system and database. Outlines the actions performed by these utilities, such as monitoring parallel processes, generating Applications files, and maintaining Applications database entities. Part of *Maintaining Oracle Applications*, a 3-book set that also includes *Oracle Applications Patching Procedures* and *Oracle Applications Maintenance Procedures*.

Oracle Applications Maintenance Procedures

This guide describes how to use AD maintenance utilities to complete tasks such as compiling invalid objects, managing parallel processing jobs, and maintaining snapshot information. Part of *Maintaining Oracle Applications*, a 3-book set that also includes *Oracle Applications Patching Procedures* and *Oracle Applications Maintenance Utilities*.

Oracle Applications System Administrator's Guide Documentation Set

This documentation set provides planning and reference information for the Oracle Applications System Administrator. *Oracle Applications System Administrator's Guide - Configuration* contains information on system configuration steps, including defining concurrent programs and managers, enabling Oracle Applications Manager features, and setting up printers and online help. *Oracle Applications System Administrator's Guide - Maintenance* provides information for frequent tasks such as monitoring your system with Oracle Applications Manager, managing concurrent managers and reports, using diagnostic utilities, managing profile options, and using alerts. *Oracle Applications System Administrator's Guide - Security* describes User Management, data security, function security, auditing, and security configurations.

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 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 Workflow Administrator's Guide

This guide explains how to complete the setup steps necessary for any product that includes workflow-enabled processes. It also describes how to manage workflow

processes and business events using Oracle Applications Manager, how to monitor the progress of runtime workflow processes, and how to administer notifications sent to workflow users.

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 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 Applications implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This guide also provides information on creating custom reports on flexfields data.

Training and Support

Training

Oracle offers a complete set of training courses to help you and your staff master Oracle Applications 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 iSetup 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 Oracle 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 an Oracle Applications form 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.

Introduction

This chapter gives you an overview of Oracle iSetup. It also gives you a brief introduction to Oracle iSetup's footprint and usage scenarios.

This chapter covers the following topics:

- About Oracle iSetup
- Footprint
- Usage Scenarios

About Oracle iSetup

Oracle iSetup, a data migration and reporting tool, is a part of the Oracle E-Business Suite. This tool consists of the Migrator and the Reporter:

- The **Migrator** helps you to migrate data from one instance of the Oracle E-Business Suite to another. Following are the steps to migrate data:
 - **Extract** select data from an Oracle E-Business Suite instance.
 - **Transform** select attributes of the extracted data objects as per your requirements.
 - **Load** data to the target Oracle E-Business Suite instance.
- The **Reporter** helps you to generate reports. You can:
 - Generate reports on the extracted data.
 - Compare two sets of extracted data to identify differences.

Note: Transforming the attributes is an optional step.

Footprint

Currently, iSetup helps to migrate data for the following applications:

- Oracle Application Object Library (AOL)
- Oracle Financials
- Oracle Human Resources Management System

For more details on the areas covered by Oracle iSetup, within these product families, refer to Selection Sets Templates, page A-1.

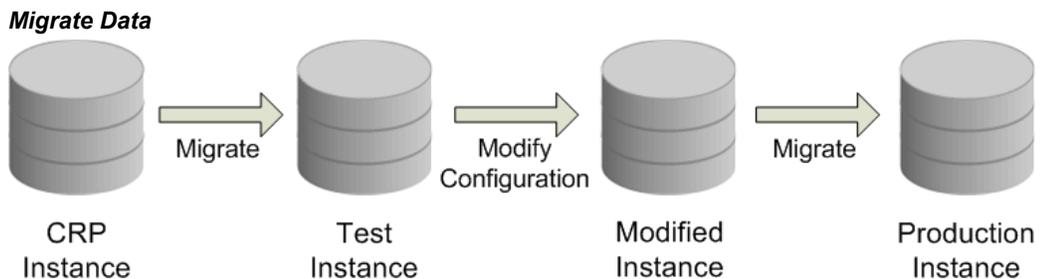
Usage Scenarios

There are many scenarios where Oracle iSetup can be used. Following are some of these:

Migrate Data

The CRP instance is configured and ready for test by the quality team. Now, you need to:

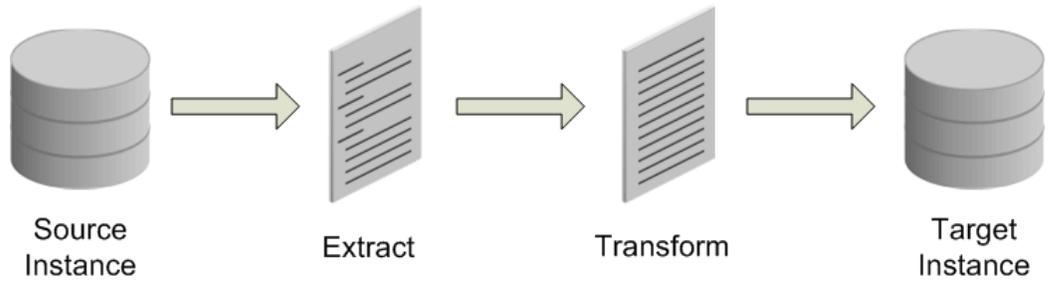
1. Migrate select configuration to the test instance.
2. After testing, modify the configuration in the CRP instance.
3. Migrate the configuration to the production instance.



Transform Data

The test instance is configured. Using Oracle iSetup you have extracted the data. You want to transform select data and load to the target instance. Oracle iSetup helps you to transform the data and load it to the target instance.

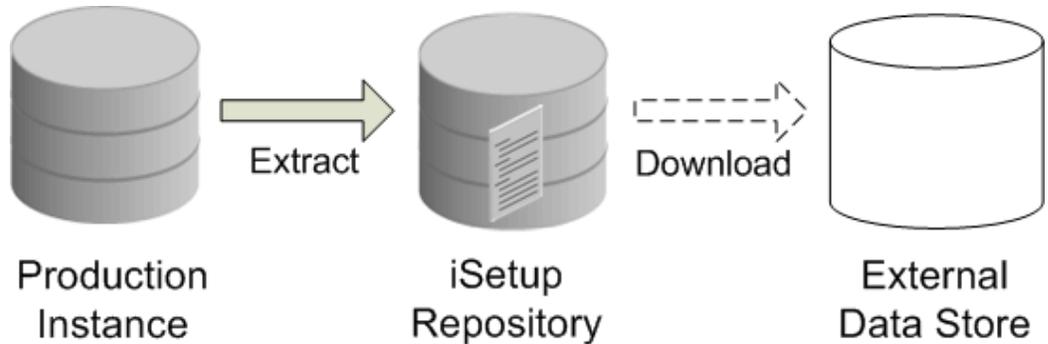
Transform Data



Save Configuration

Extract data from an instance using Oracle iSetup. The extracted data is stored in the Oracle iSetup repository. You can download this data and save it in an external repository.

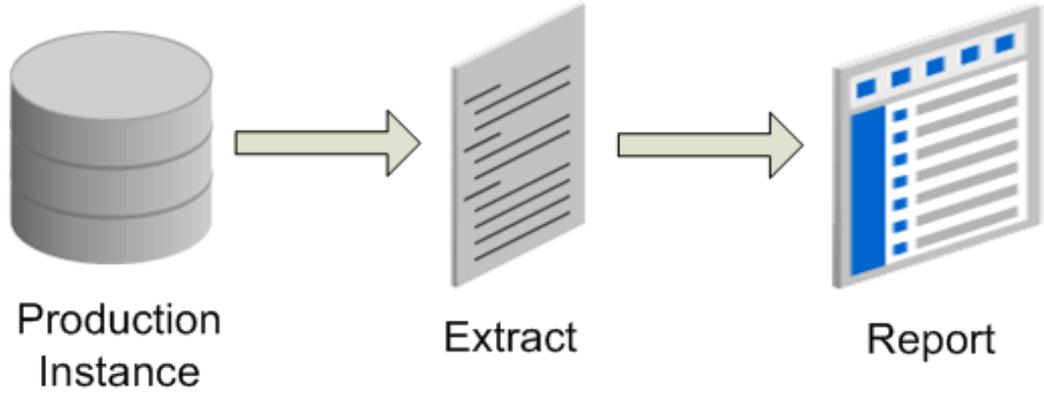
Save an Extract



Report on Current Configuration

Generate a report on the extracted data available in the Oracle iSetup repository. This report can be viewed online or downloaded in different formats. The report can also, be sent to a functional analyst. The Reporter module enables this functionality.

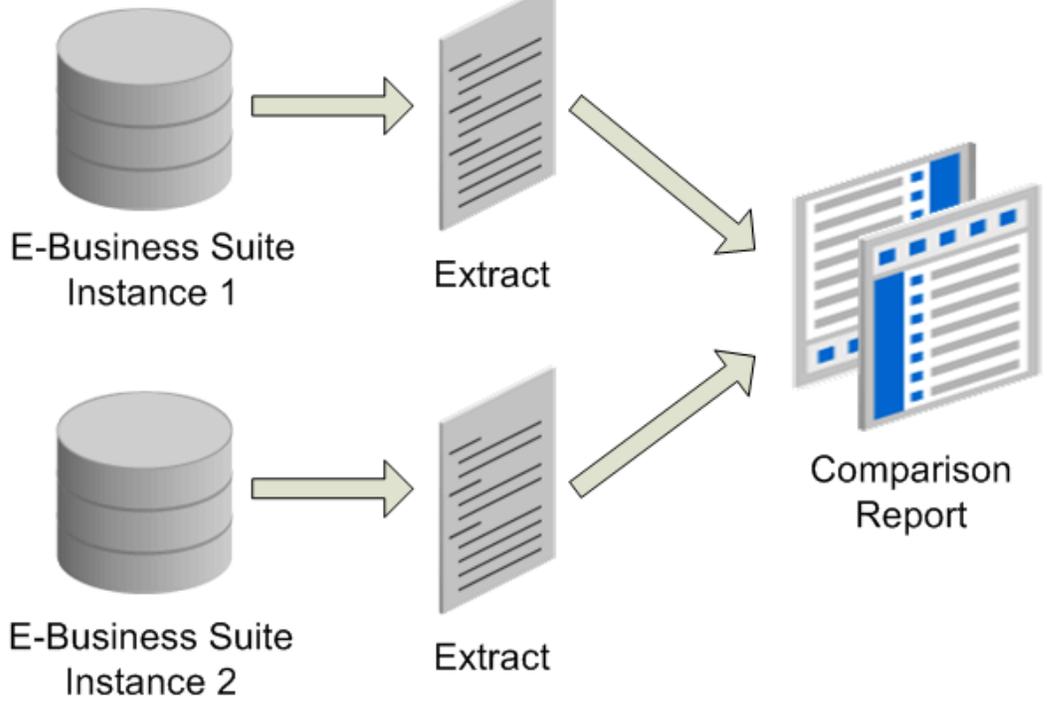
Generate Report



Comparison Reporting

Compare the differences in data between the production instance and the test instance.

Comparison Report



Configuring iSetup

This chapter helps you to configure iSetup. It covers the prerequisites for using iSetup and suggestions to tune iSetup for optimal performance.

This chapter covers the following topics:

- Prerequisites
- Instance Overview
- Using Oracle iSetup

Prerequisites

- The source, central, and the target instances must be at the same patch set level. For more information, see Instance Overview, page 2-1.

Instance Overview

An instance comprises of one or many applications of the Oracle E-Business Suite along with a dedicated Oracle database instance.

Types of Instances

Following are the types of instances that you use while working with Oracle iSetup:

- **Source Instance:** The instance used to extract data.
- **Central Instance:** The instance that hosts the iSetup application and iSetup Repository.
- **Target Instance:** The instance where data is to be loaded.

Note:

- The Central instance is optional. Oracle iSetup can be run from either the source or the target instance.
- The Target instance need not be a fresh install.

Preparing an Instance

Perform the following tasks to prepare an instance of the Oracle E-Business Suite:

1. Recompile Database Objects

Check for invalid database objects and recompile if necessary. Invalid objects may cause the load to fail. Contact your System Administrator for more information.

2. Set Open Cursor Limit

Set the open cursor limit for your instance to 750. This setting is in the `init.ora` file for the instance. The default value is 500. If this value is not optimally set, you may encounter an error once the load may exceeds the maximum open cursor limit.

3. Set Sleep Seconds for the Concurrent Manager

This setting specifies the time a request remains in the pending status before being picked up by the Concurrent Manager for processing. A high setting, such as 300 seconds, slows down the load or extract process.

1. Navigate to Concurrent > Manager > Define Form.
2. Open the Define Form and query for Standard Manager. Click **Work Shifts** to continue. This takes you to the Workshifts screen.
3. Check the Sleep Seconds setting. It is recommended to set this to 30 seconds or less.

4. AZ: VO Fetch Size (Concurrent Processing profile category)

This profile option specifies the number of records that Oracle iSetup extracts in a batch, before it writes it to a temporary location on the file system for later use. The profile option is set on the source instance only. The recommended and the maximum value for the option AZ: VO Fetch Size is 100.

5. AZ: Commit Row Counts (Concurrent Processing profile category)

This profile option specifies the number of records that Oracle iSetup commits to the database on the target instance during load. If the value is high, you require high JVM heap size to avoid an out-of-memory error during load. This profile option is set on the target instance only. It is recommended to set this value to 1000.

6. **AZ: CP Number Of Batches** (Concurrent Processing profile category)

This profile option specifies the number of threads that can be launched during extract or load. This profile option is to be set on the source and the target instances. It is recommended to set this value to 5.

Note: This option must be set to 1 when any Manufacturing APIs are used to extract or load.

7. **AZ: Reporter Max Records** (User Interface profile category)

This profile option specifies the number of records that the system would fetch for rendering the online report. The maximum value is 200 and the recommended value is 100.

8. **AZ: Number Of Records For Home Tab** (User Interface profile category)

This profile option specifies the number of most recent Extracts, Loads, and Reports to be displayed on the Home screen. It is recommended to set this value to 4.

For more information on profile options and categories, see Appendix B.

Using Oracle iSetup

Oracle iSetup is a part of the Oracle E-Business Suite. Hence, you must log in to Oracle E-Business Suite using the self-service login URL.

1. **Log in to Oracle E-Business Suite**

Log in to the Oracle E-Business Suite using your user name and password.

2. **Choose a Responsibility**

The user name you log in with must have the Oracle iSetup responsibility. From the list of responsibilities, select **iSetup** to access the Oracle iSetup functionality.

3. **Choose Function**

Menu options for this responsibility are:

Home: Takes you to the Home page of iSetup. This page displays the most recent extracts, loads and reports. It also has links to other components of the product.

Migrations: This menu contains the Selection Sets, Extracts, Transforms, and Loads subtabs. Each of these subtabs take you to their respective windows.

Reports: This menu contains the Standard Reports and Comparison Reports subtabs. Clicking on them takes you to the respective windows.

Administration: This menu contains the Instance Mapping subtab. If you have appropriate access privileges, you can also see the Interface Repository subtab in

addition to the Instance Mapping subtab.

iSetup Home

This chapter talks about information available on the Home page of Oracle iSetup.

This chapter covers the following topics:

- Home Page

Home Page

The Home page in Oracle iSetup provides you information and lets you reach the required functionality with the least effort. You can find the following information in the Home page:

- Most Recent Objects
- Shortcuts
- Others

The screenshot shows the Oracle iSetup Home Page interface. At the top, there is a blue header with the Oracle iSetup logo and navigation links: Home, Logout, Help, Preferences, Personalize Page, and Diagnostics. Below the header is a navigation bar with tabs for Home, Migrations, Reports, and Administration. On the left side, there is a 'Shortcuts' menu with links to Instance Mapping, Selection Sets, Extracts, Transforms, Loads, Standard Reports, and Comparison Reports. The main content area displays three tables:

Most Recent Extracts						
Name	Request ID	Source Instance	Submitted On	Phase	Status	
ACAL_1	5254755	Local	07/14/2006 20:19:45	Completed	Normal	
General Foundation_1	5254712	Local	07/14/2006 19:56:57	Completed	Normal	
Accounting Calendar_1	5254709	Local	07/14/2006 19:27:30	Completed	Normal	
Copy of GL: Currencies	5254706	Local	07/14/2006 19:13:03	Completed	Normal	

Most Recent Loads						
Name	Request ID	Target Instance	Submitted On	Phase	Status	
Trfm Load	5254715	Local	07/14/2006 20:12:57	Completed	Normal	
Accounting Calendar Transform ALL ??	5254703	Local	07/14/2006 19:03:17	Completed	Warning	

Most Recent Reports						
Name	Request ID	Type	Submitted On	Phase	Status	
ACAL	5254756	Standard	07/14/2006 20:20:35	Completed	Normal	
Copy of GL: Currencies	5254708	Comparison	07/14/2006 19:21:28	Completed	Normal	
Currency compare	5254707	Comparison	07/14/2006 19:16:29	Completed	Normal	
Accounting Calendar	5254695	Standard	07/14/2006 18:54:11	Completed	Normal	

Most Recent Objects

The Home page lists the most recent extracts, loads and reports.

- **Most Recent Extracts:** Lists the latest extracts that you have created.
- **Most Recent Loads:** Lists the latest loads that you have created.
- **Most Recent Reports:** Lists the latest reports that you have created.

Note: The AZ: Number Of Records For Home Tab profile option specifies the number of records to be displayed for each of the extracts, loads, and reports.

Shortcuts

The Home page provides shortcuts that help you to quickly reach any of the following components in Oracle iSetup:

- Instance Mapping

- Selection Sets
- Extracts
- Transforms
- Loads
- Standard Reports
- Comparison Reports

Others

In addition to these, you can reach the Oracle E-Business Suite home, logout of the Oracle E-Business Suite, manage preferences, access help, or perform diagnostics.

Instance Mapping

This chapter helps you to maintain instance mappings. Mapped instances act as the source instance or target instances during migration.

This chapter covers the following topics:

- Overview
- Prerequisites
- Instance Mapping
- Creating an Instance Mapping

Overview

Any instance, that needs to be used as a source or target instance during migration, must be mapped from the central instance.

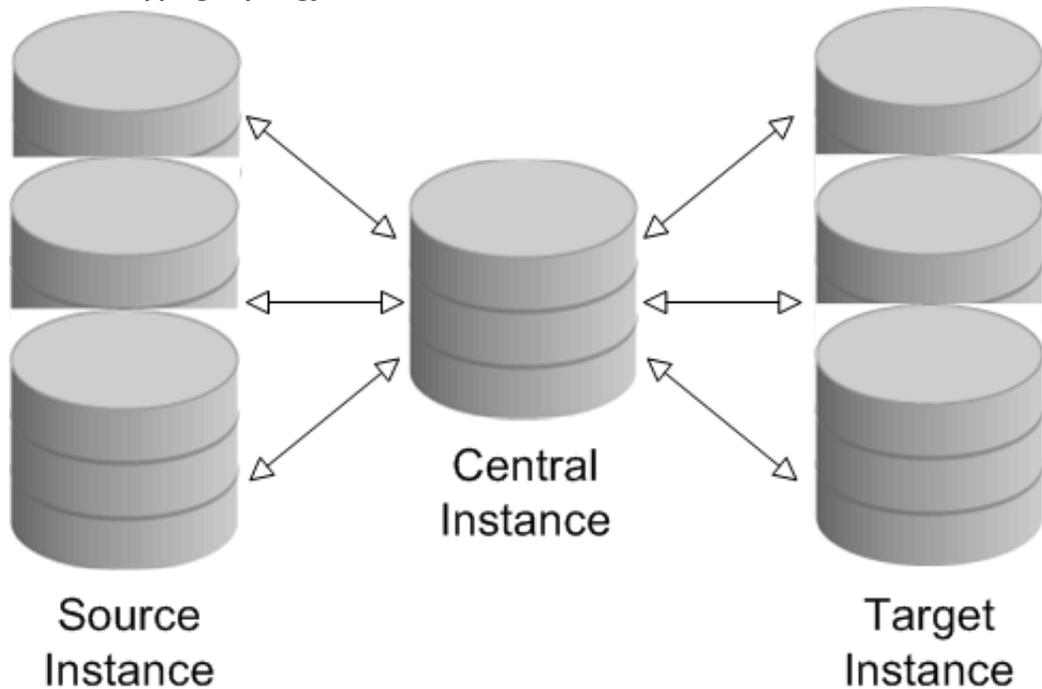
The Administration tab lets you create and maintain instance mappings. These instances appear as a list of values for the source and target instances in the Extracts and the Loads windows.

The DBC file is used to connect to the instance to process any extract or load requests.

Though Oracle iSetup may be functional on either the source or the target instance, have a central instance from which Oracle iSetup runs is highly recommended. The central instance helps you to monitor all migrations.

The instance mapping topology is shown in the following figure:

Instance Mapping Topology



Prerequisites

Following are the prerequisites for mapping an instance:

- The remote instance must have the Database Configuration (DBC) file for the central instance.
- The central instance must have a DBC file for each remote instance.
- The DBC file name is case-sensitive.
- Each instance to be mapped must have the same, valid user created as that logged into the central instance with the iSetup responsibility.
- The central, source, and target databases must be enabled to connect with each other. To do that, edit the required parameters in the `$(TNS_ADMIN)/sqlnet.ora` file.

Note: Map the central instance to use it as a source or a target instance.

Instance Mapping

Click the Administration tab to access the Instance Mapping window where displays the instance mappings that are already present. If you have not created any instance mappings, the table would be empty.

Administration: Instance Mapping

The screenshot shows the Oracle iSetup Administration interface for Instance Mapping. At the top, there is a navigation bar with 'Home', 'Logout', 'Help', 'Contact Admin', 'Preferences', 'Personalize Page', and 'Diagnostics'. Below this is a secondary navigation bar with 'Home', 'Migrations', 'Reports', and 'Administration' (which is selected). The main content area is titled 'Instance Mapping' and includes a 'Create' button. A tip states: 'TIP To establish a mapping you need to place the DBC file of the remote instance you want to map in this instance. Please consult with your System Administrator'. Below the tip is a link to 'Personalize Advanced Table: (InstancesSummaryTable)'. The main table has the following data:

Name	DBC Filename	Responsibility	Delete
Local	atgr12qa.dbc	iSetup	
Production	atgr12qa.dbc	iSetup	

At the bottom of the page, there is a footer with 'About this Page', 'Privacy Statement', and 'Copyright (c) 2006, Oracle. All rights reserved.'

The Instance Mapping table consists of the following columns:

- **Name:** Displays the name you specified during instance mapping.
- **DBC Filename:** Displays the database file name you have specified.
- **Responsibility:** Displays the responsibility used to create the mapping. For all mappings, this must be iSetup responsibility.

Note:

- At any time, a maximum of 10 records appear in the table.
- You can click on some of the column headers to sort the records.
- By default, the table is sorted on instance name.

To maintain instance mappings, you can perform the following actions from this window:

Create: Click **Create** to create a new instance mapping. This takes you to the Create Instance Mapping Window, page 4-4.

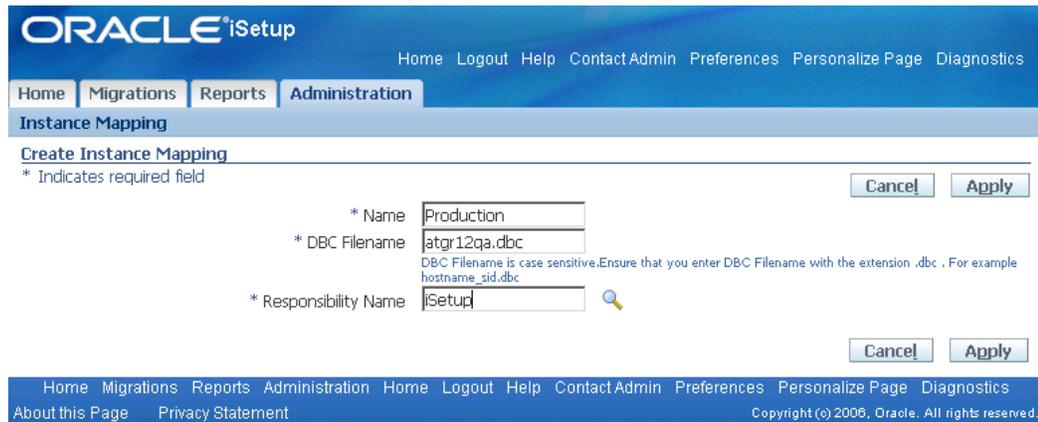
Deleting an Instance Mapping

Click the **Delete** icon to delete an instance mapping. Confirm the delete action in the Warning window. Once a mapping has been deleted, it cannot be used as a source or a target instance for a new migration. Any load process that was not completed cannot be restarted if the target instance has been deleted. It is recommended that you do not delete an instance mapping till all the extract or load processes involving this instance mapping are completed.

Creating an Instance Mapping

Prerequisites: Before you map an instance, ensure that the DBC file for that instance is available in the central instance.

Administration: Create Instance Mapping



Following are the steps to create a new instance mapping:

1. Navigate to the Create Instance Mapping Window

Click **Create** in the Instance Mapping window. This takes you to the Create Instance Mapping window.

2. Enter Mapping Parameters

1. Enter a unique instance mapping name. It is used in the source and target instance drop-down boxes on the Extract and Load windows.

2. Enter a DBC file name for mapping.

The DBC filename is case sensitive.

Note: The location of the DBC filename is available in the

environment variable FND_SECURE.

3. Select Responsibility

Select the iSetup responsibility from the list of values.

4. Save New Instance Mapping

Click **Apply** to save the new instance mapping. This takes you back to the Administration window with a confirmation that the instance is mapped.

Note:

- It is recommended that you create one instance name for every instance.
- The DBC file is generated as part of the Rapid Install of Oracle Applications
- You can generate the DBC file using the Admin AppServer Tool. The Admin AppServer Tool is a Java utility that you can run from the command line. For how to use this tool, see *Oracle Applications System Administrator's Guide - Configuration* for details.
- For more information on the contents of the DBC file, see *Oracle Applications System Administrator's Guide - Configuration*.

Migrations

This chapter helps to create and maintain Selection Sets, Extracts, Transforms and Loads.

This chapter covers the following topics:

- Overview
- Selection Sets
- Extracts
- Transforms
- Loads

Overview

Data migration is a four-step process:

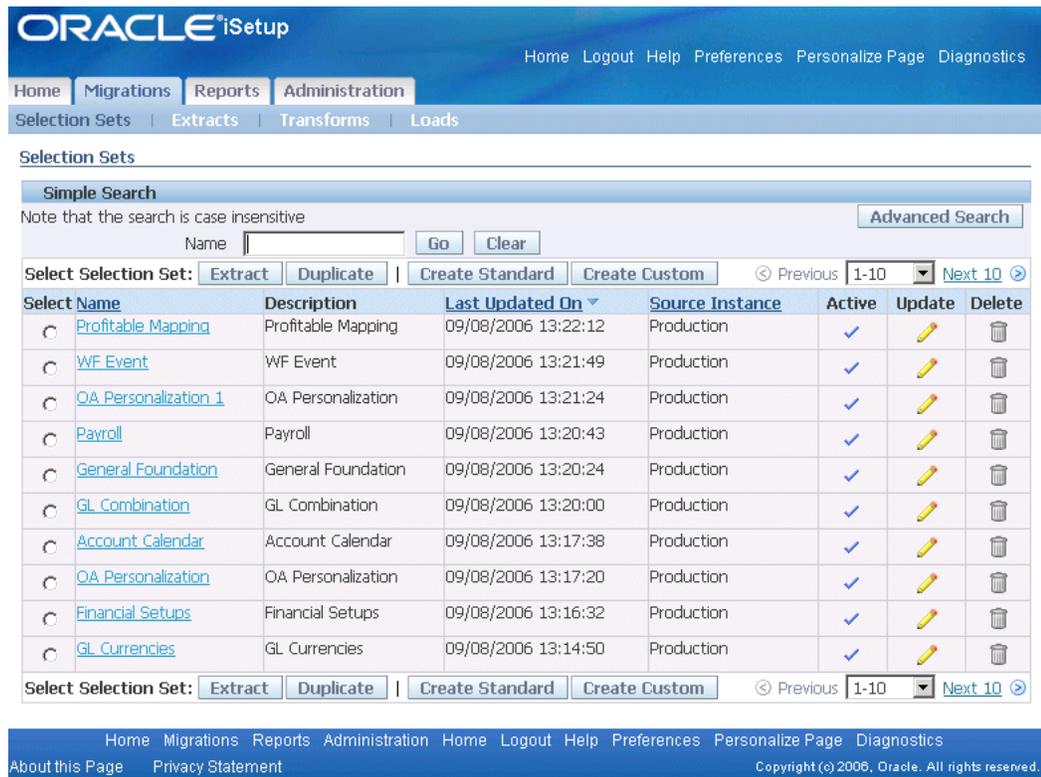
- Create a **Selection Set**
- **Extract** data from the source instance, using the selection sets.
- **Transform** the extracted data, if required. (Optional)
- **Load** the extracted or transformed data to the target instance.

Selection Sets

Selection sets are the building blocks for the migration process. Oracle iSetup provides a set of templates allowing you to create selection sets assisted with existing templates. You can also create custom selection sets without using existing templates.

You can Create, Search, View, Update, Duplicate, or Delete a selection set.

Selection Sets



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Selection Sets Extracts Transforms Loads

Selection Sets

Simple Search

Note that the search is case insensitive

Name Go Clear [Advanced Search](#)

Select Selection Set: Extract Duplicate | Create Standard Create Custom Previous 1-10 Next 10

Select	Name	Description	Last Updated On	Source Instance	Active	Update	Delete
<input type="radio"/>	Profitable Mapping	Profitable Mapping	09/08/2006 13:22:12	Production	✓		
<input type="radio"/>	WF Event	WF Event	09/08/2006 13:21:49	Production	✓		
<input type="radio"/>	OA Personalization 1	OA Personalization	09/08/2006 13:21:24	Production	✓		
<input type="radio"/>	Payroll	Payroll	09/08/2006 13:20:43	Production	✓		
<input type="radio"/>	General Foundation	General Foundation	09/08/2006 13:20:24	Production	✓		
<input type="radio"/>	GL Combination	GL Combination	09/08/2006 13:20:00	Production	✓		
<input type="radio"/>	Account Calendar	Account Calendar	09/08/2006 13:17:38	Production	✓		
<input type="radio"/>	OA Personalization	OA Personalization	09/08/2006 13:17:20	Production	✓		
<input type="radio"/>	Financial Setups	Financial Setups	09/08/2006 13:16:32	Production	✓		
<input type="radio"/>	GL Currencies	GL Currencies	09/08/2006 13:14:50	Production	✓		

Select Selection Set: Extract Duplicate | Create Standard Create Custom Previous 1-10 Next 10

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Searching for Selection Sets

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of the selection set:

- Name
- Source Instance
- Description
- Last Updated On

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate button.

Advanced Search for Selection Sets

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Selection Sets | Extracts | Transforms | Loads

Selection Sets

Advanced Search

Personalize Advanced Search: (AdvancedSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.
 Show table data when any condition is met.

Name: is [dropdown] [text]
Source Instance: is [dropdown] Production [dropdown]
Description: is [dropdown] [text]
Last Updated On: is [dropdown] [calendar icon] (example: 08/24/2006)

Go Clear Add Another Description [dropdown] Add

Select Selection Set: Extract Duplicate | Create Standard Create Custom

Select Name	Description	Last Updated On	Source Instance	Active	Update	Delete
GL_Currencies	GL Currencies	09/08/2006 13:14:50	Production	<input checked="" type="checkbox"/>		

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Search Results

All selection sets that match your search criteria are listed in a table format. Use the search results page to:

- View a list of selection sets with name, description, last updated on, source instance, and active status
- Create a selection set using an existing template by clicking **Create Standard**
- Create a custom selection set by clicking **Create Custom** if you have appropriate privileges
- Update a selection set by clicking an icon to access the Selection Set: Update page
- Delete a selection set by clicking an icon
- View the details of a selection set by clicking the name link
- Create a duplicate copy of a selection set by first selecting a selection set for copy and then clicking **Duplicate**
- Extract an active selection set for data migration by first selecting a selection set and then clicking **Extract**

An Active flag in the search results indicates that a selection set is created without using the templates from earlier releases. If the selection set is inactive, with the Active flag unchecked, then the selection set cannot be used for any further data migration.

Viewing a Selection Set

To view an existing selection set, click the desired name link on the search results page. This takes you to the Selection Set Details page which displays read-only information, including source instance, description, and a list of data objects that forms part of the selected selection set.

Selection Set Details

The screenshot shows the Oracle iSetup interface. At the top, there's a navigation bar with 'ORACLE iSetup' and links for Home, Logout, Help, Preferences, Personalize Page, and Diagnostics. Below this is a secondary navigation bar with 'Home', 'Migrations', 'Reports', and 'Administration'. Under 'Migrations', there are sub-links for 'Selection Sets', 'Extracts', 'Transforms', and 'Loads'. The main content area is titled 'View Selection Set: GL Currencies'. It shows the 'Source Instance' as 'Local' and the 'Description' as 'General Ledger Currencies'. A tip indicates that the objects below form part of the selected selection set. There are links for 'Personalize H Grid: (SelSetHGrid)', 'Expand All', and 'Collapse All'. A table lists data objects with columns for 'Focus', 'Filters', and 'Supports Update'. The table contains one row for 'General Ledger Currencies' with a filter icon and a checkmark in the 'Supports Update' column. At the bottom, there are links for 'Return to Selection Sets' and a footer with 'About this Page', 'Privacy Statement', and 'Copyright (c) 2006, Oracle. All rights reserved.'

Each data object of the selection set can have the following attributes:

- **Filters:** If the data object has filterable values set, then the **Filter** icon appears. By clicking the **Filter** icon, you can access the View Filters page to view filter details associated with the data object.

Note: You can filter FND APIs in the selection set, and these APIs will be extracted in all languages as in the source instance.

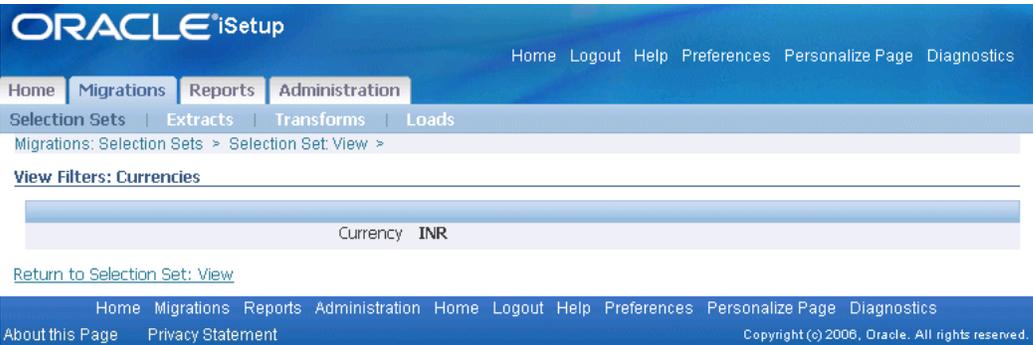
See: Viewing Filters, page 5-5.

- **Supports Update:** If the data object updates the target data during load, then the Support Update flag appears.

Viewing Filters

You can view filter information associated with a selection set or an extract from the Selection Set Details page or the Extract Details page. The View Filters page displays read-only view of the filter name and its value associated with the given selection set or extract.

View Filters



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Selection Sets | Extracts | Transforms | Loads

Migrations: Selection Sets > Selection Set: View >

View Filters: Currencies

Currency	INR
----------	-----

[Return to Selection Set: View](#)

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Creating a Selection Set

Oracle iSetup allows you to create selection sets in the following ways:

- Creating a Selection Set with a Template, page 5-5: Click **Create Standard** in the Selection Sets Search page to select a template for the selection set creation
- Creating a Custom Selection Set, page 5-8: Click **Create Custom** in the Selection Sets Search page to create a selection set without using a template

Important: The **Create Custom** button appears only if the user is granted the iSetup Super User role along with the iSetup responsibility.

Creating a Selection Set with a Template

From the Migrations tab > Selection Sets subtab, click **Create Standard** to access the Create Selection Set: Select Template page. You must first select a selection set template and then set necessary parameters for the selection set.

Following are the steps to create a selection set with a template:

1. **Select a Template:** Select a template from the available list of selection set templates. Each template consists of a specific set of data objects. For more information on objects within each selection set, see Selection Sets, page A-1.

Important: In Release 12, all the selection set templates from earlier releases will no longer be available for the creation of a selection set. Selection sets created using templates from earlier releases will be inactive, the Active flag is unchecked in the Active column. If an extract was created from the earlier releases of a selection set (an inactive selection set), then this extract is inactive and cannot be used for Transform, Load, or Report process unless it has the Report icon allowing you to create reports.

Create Selection Set: Select Template

The screenshot shows the Oracle iSetup interface for creating a selection set. The page title is "Create Selection Set: Select Template". Below the title, there is a tip: "TIP Selection set templates are pre-defined selections of setup objects for extract. Choose a selection set template as a starting point to create a selection set". There are "Cancel" and "Continue" buttons. Below the tip, there is a link to "Personalize Advanced Table: (SelectTemplateTable)". A table of selection set templates is displayed, with columns for "Select", "Name", and "Description". The "General Ledger Currencies" template is selected. The table is paginated, showing "11-20 of 24" items. There are "Previous 10" and "Next 4" links. At the bottom of the page, there are "Cancel" and "Continue" buttons, and a footer with navigation links and copyright information.

Select	Name	Description
<input type="radio"/>	General Ledger Code Combinations	This Selection Set is used to migrate the General Ledger Code Combinations setup.
<input checked="" type="radio"/>	General Ledger Currencies	This Selection Set is used to migrate General Ledger Currencies setup.
<input type="radio"/>	General Ledger Daily Rates	This Selection Set is used to migrate General Ledger Daily Rates setup.
<input type="radio"/>	General Ledger Data Access Sets	This Selection Set is used to migrate General Ledger Data Access Sets setup.
<input type="radio"/>	General Ledger Statistical Units of Measure	This Selection Set is used to migrate General Ledger Statistical Units of Measure setup.
<input type="radio"/>	Ledger Sets	This Selection Set is used to migrate Ledger Sets setup.
<input type="radio"/>	Organization Structure	This Selection Set is used to migrate the Organization Structure set up.
<input type="radio"/>	Payroll Element	This Selection Set is used to migrate HRMS Payroll Elements.
<input type="radio"/>	Personalizations	This Selection Set is used to migrate Personalizations
<input type="radio"/>	Profitability Manager Mapping Rules	This Selection Set is used to migrate Profitability Manager Mapping Rules.

2. **Name:** Enter a name for the selection set. This is a required field.
3. **Source Instance:** Select the source instance. This helps you to set filters for the data objects during extraction. This is a required field.
4. **Description:** Provide informative description that could help in identifying the selection set.

Create Selection Set: Set Parameters

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Selection Sets Extracts Transforms Loads

Create Selection Set: Set Parameters

* Indicates required field

* Name: GL Currencies

* Source Instance: Local

Description: General Ledger Currer

TIP Below are the objects which form part of the Selection Set selected. You can set the filters for the objects which has the filter icon.

Expand All Collapse All

Focus	Filter	Filter Set	Supports Update
General Ledger Currencies			<input checked="" type="checkbox"/>

Cancel Back Finish

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5. **Set the Filter Criteria:** This is optional. Filters can be set on some attributes of a data object. All data objects do not support filters.

Create Selection Set: Set Filters

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Selection Sets Extracts Transforms Loads

Set Filter For Selection Set: GL Currencies

You can refine the selection for this setup object by applying the following filters. These filter conditions will be used at the time of extract. These conditions will be summed (AND Conditions)

Currencies	Currency	Search
	CAD	

Cancel Apply

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Following are the steps to set filters:

1. Click the **Filter** icon. All filterable attributes appear on the page.
2. You can also search for values to set the filter on. To search, click the **Search** icon. In the new window, search and select the value you want to filter on. These values are retrieved from the selected source instance.

You can filter on more than one condition and the result is a filter of all the conditions.

3. Click **Apply**. You are routed back to the Create Selection Set: Set Parameters page.

6. Click **Finish** to set the filter.

This takes you to the Selection Set page with a confirmation.

Note:

- The Supports Update flag indicates if the data object updates the target data during load.
- The Active flag indicates if the selection set is created from an earlier releases with an old template.
- Only instances mapped using the Administration > Instance Mapping page are available as source instance during creation of the selection set.
- Some FND objects have predefined filters already set. You can view filter details by clicking an icon in the Selection Set Details and Extracts Details pages.

Creating a Custom Selection Set

Instead of creating a selection set using a template, users with the iSetup Super User role can create a custom selection set by adding the data objects available in the iSetup Interface Repository. See: Registering an Interface, page 7-4 and Example of Data Migration Using Registered Interfaces, page 7-6.

From the Migrations tab > Selection Sets subtab, click **Create Custom** in the Selection Sets Search window to access the Create Custom Selection Set page.

Important: Only users with the iSetup Super User role along with the iSetup responsibility can see **Create Custom** displayed in the Selection Sets Search window.

Create Custom Selection Sets

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Selection Sets | Extracts | Transforms | Loads

Create Custom Selection Set: Set Parameters

Cancel Apply

* Name |Setup Interface

Source Instance Local

Description |Setup Interface

TIP Choose the Data Object for this Selection Set. Filters can only be set during the Update process.

Name	Application Name	Supports Filter	Supports Transform	Supports Update	Override Update
Setup Interface Metadata	Application Implementation	Yes	No	Yes	No

Cancel Apply

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Following are the steps to create a custom selection set:

1. **Name:** Enter a name for your selection set. This is a required field.
2. **Source Instance:** Select a source instance.
3. **Description:** Enter descriptive information for your selection set.
4. **Name:** Perform a search to find a data object.

After selecting a data object, you can see the following associated information populates:

- **Application Name:** The application name that owns this interface.
 - **Supports Filter:** Indicates whether this interface supports filtering. If it is Yes, then you can set filters for this data object in the update page.
 - **Supports Transform:** Indicates whether this interface supports transform.
 - **Supports Update:** Indicates whether this interface supports update during load.
 - **Override Update:** Indicates whether this interface supports overriding the updates.
5. Click **Apply** to get the confirmation page and return to the Selection Set Search page.

To better understand how to use the custom selection set creation feature, see Example of Data Migration Using Registered Interfaces, page 7-6 for details.

Updating a Selection Set

You can change the source instance, description, or filter criteria for a selection set. However, changing the source instance may invalidate previous filter settings.

Selection Set: Update

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Selection Sets | Extracts | Transforms | Loads

Update Selection Set: Set Parameters

* Indicates required field

Cancel Apply

Name **GL Currencies**

Source Instance Local

Description GL Currencies

Selecting a different source may invalidate filters already set.

TIP Below are the objects which form part of the Selection Set selected. You can set the filters for the objects which has the filter icon.

Personalize H Grid: (SelSetHGrid)

Expand All | Collapse All

Focus	Filter	Filter Set	Supports Update
<input type="checkbox"/> General Ledger Currencies			
Currencies			<input checked="" type="checkbox"/>

Cancel Apply

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Duplicating a Selection Set

You can create a copy of a selection set, modify it to suit your business requirement and save it as a new selection set. By using the Duplicate feature, you save the time and effort of creating a new selection set with similar criteria.

Selection Set: Duplicate

ORACLE iSetup

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Selection Sets | Extracts | Transforms | Loads

Duplicate Selection Set: Set Parameters

* Indicates required field

* Name

Source Instance Selecting a different source may invalidate filters already set.

Description

TIP Below are the objects which form part of the Selection Set selected. You can set the filters for the objects which has the filter icon.

[Personalize H Grid](#)

[Expand All](#) | [Collapse All](#)

Focus	Filter	Filter Set	Supports Update
<input type="checkbox"/> General Ledger Currencies			
Currencies			<input checked="" type="checkbox"/>

Cancel Apply

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Deleting a Selection Set

You can delete a selection set. Once it is deleted, it cannot be used to extract data from a source instance.

Extracts

An extract is a snapshot of the data that you have extracted from a source instance. You can use the extract to perform migration. You extract data from the source instance using a selection set. You can Create, Upload, Download, Search, View, Transform, Load, or Report on an extract.

Extracts

ORACLE Migrations

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Selection Sets | Extracts | Transforms | Loads

Confirmation
The Extract Supplier Service Uploaded has been successfully deleted.

Extracts

Simple Search
Note that the search is case insensitive [Advanced Search](#)

Name

Select Extract: | Previous 10 21-25 of 25 Next

Select	Name	Request ID	Source Instance	Submitted On	Phase	Status	Active	Delete	Download
<input type="radio"/>	GL Code	5314702	Local	09/08/2006 11:53:27	Completed	Normal	<input checked="" type="checkbox"/>		5314702.zip
<input type="radio"/>	Hari Sel Set	5293763	Local	08/24/2006 05:03:58	Completed	Error	<input type="checkbox"/>		
<input type="radio"/>	KFF_DFF	5305729	Local	08/25/2006 06:07:16	Completed	Normal	<input checked="" type="checkbox"/>		5305729.zip
<input type="radio"/>	Workflow Definitions	5305727	Local	08/25/2006 05:59:08	Completed	Normal	<input checked="" type="checkbox"/>		5305727.zip
<input type="radio"/>	Templates de AZ	5308795	Local	09/05/2006 05:10:17	Completed	Normal	<input checked="" type="checkbox"/>		5308795.zip

TIP You can Transform, Load or Report on an Active Extract. Reports can also be generated on a Reportable Extract.

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Prerequisites

You have created a selection set. For more information, see Selection Sets, page 5-1.

Searching for Extracts

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of an extract:

- Name
- Request ID
- Source Instance
- Phase
- Status
- Submitted On

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate option.

Advanced Search for Extracts

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Selection Sets | Extracts | Transforms | Loads

Extracts

Advanced Search

Personalize Advanced Search: (AdvancedSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.
 Show table data when any condition is met.

Name

Source Instance

Phase

Status

Add Another

Select Extract: |

Select	Name	Request ID	Source Instance	Submitted On	Phase	Status	Active	Delete	Download
<input type="radio"/>	GL Code	5314702	Local	09/08/2006 11:53:27	Completed	Normal	<input checked="" type="checkbox"/>		5314702.zip
<input type="radio"/>	Templates de' AZ	5308795	Local	09/05/2006 05:10:17	Completed	Normal	<input checked="" type="checkbox"/>		5308795.zip
<input type="radio"/>	KFF DFF	5305729	Local	08/25/2006 06:07:16	Completed	Normal	<input checked="" type="checkbox"/>		5305729.zip
<input type="radio"/>	Workflow Definitions	5305727	Local	08/25/2006 05:59:08	Completed	Normal	<input checked="" type="checkbox"/>		5305727.zip

TIP You can Transform, Load or Report on an Active Extract. Reports can also be generated on a Reportable Extract.

Home Migrations Reports Administration Home Logout Help Preferences Personalize Page Diagnostics

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Search Results

All extracts that match your search criteria are listed in a table format. Use the search result page to:

- View a list of extracts with name, request ID, source instance, submitted date, phase, extract status, download file, and active status
- View the details of an extract by clicking the name link
- Create an extract by clicking **Create**
- Upload an extract by first selecting an extract and then clicking **Upload**
- Download an extract by clicking the ZIP file
- Delete an extract by clicking an icon
- Transform an active extract by first selecting an extract and then clicking **Transform**
- Load an active extract by first selecting an extract and then clicking **Load**

- Create a report for an active or reportable extract by first selecting an extract and then clicking **Report**

An extract is active if it is of current release with phase as Completed and status as Normal.

Note: The **Report** icon in the Active column indicates this extract contains one or more data objects which can be reported upon.

Viewing an Extract

To view Extract details, click the desired extract name link on the Extracts search results page. This takes you to the Extract Details page which displays read-only extract information such as status, phase, active, download file name, and other details. If the extract completed with a status of Normal, then a list of data objects for the extract is also displayed.

Extract Details

The screenshot shows the Oracle iSetup interface. At the top, there's a navigation bar with 'Home', 'Logout', 'Help', 'Preferences', 'Personalize Page', and 'Diagnostics'. Below that, a secondary navigation bar includes 'Home', 'Migrations', 'Reports', and 'Administration'. The main content area is titled 'Extract: Account GL Currencies' and features three buttons: 'Load', 'Report', and 'View Log'. The details are as follows:

Request ID	4362606	Submitted On	06-Oct-2006 16:05:04
Selection Set	GL Currencies	Scheduled On	As soon as possible
Active	Yes	Completed On	06-Oct-2006 16:05:44
Source Instance	Local	Phase	Completed
Description	Account GL Currencies	Status	Normal
Download	4362606.zip		

Below the details, there are links for 'Personalize "Setup object details"', 'Expand All', and 'Collapse All'. A table lists data objects:

Focus Name	Filters	Number of Records
<input type="checkbox"/> General Ledger Currencies		
Currencies		1

At the bottom, there are 'Return to Extracts', 'Load', 'Report', and 'View Log' buttons, and a footer with 'Home Migrations Reports Administration Home Logout Help Preferences Personalize Page Diagnostics', 'About this Page Privacy Statement', and 'Copyright (c) 2006, Oracle. All rights reserved.'

From the Extract Details page, you can:

- View the number of master records for each extracted data object.

Note: Record count will be displayed for data objects wherever available.

- View the filters set by clicking the **Filter** icon
 - Note:** You cannot view filter values if the extracts were created from previous releases. However, the **Filter** icon will appear if the filter had been set.
- View the log information generated during the extract process by clicking **View Log**
- Download the extract
- Transform, load, or report the extract by clicking appropriate buttons if it is an active or reportable extract
 - Transforming an Extract, page 5-18
 - Loading an Extract, page 5-17
 - Reporting from an Extract, page 5-18

The Active column can have either one of the following indicators:

Legend	Description
	This active extract can be used for the Transform, Load, or Report process.
	This extract cannot be loaded or transformed but contains at least one data object which can be reported.
Blank (No Indicator)	This extract is considered to be inactive; therefore, it cannot be used for transform, load, or report. You can view its details or download it.

Creating an Extract

From the Migrations tab > Extracts subtab, click **Create** to create an extract.

Alternatively, select a selection set from the Selection Sets window and click **Extract**. This populates details of the selection set for the Extract process.

Create Extract: Set Parameters

Following are the steps to create an extract:

1. **Name:** Enter a unique name for the extract. This is a required field.
2. **Selection Set:** Select the required selection set for extraction. To do this, click the search icon. This is a required field.

After a selection, the data objects for the chosen selection set are automatically displayed in a table format.

3. **Source Instance:** Select the source instance from the pick list. This is a required field.

Note: If the selected source instance is different from that used at the time of creating the selection set, then some of the filters, if set, may become invalid and may not return any data. By default, the source instance used during creation of the selection set is populated.

4. **Description:** Provide informative description that could help in identifying the extract.
5. **Filter Set:** Indicate if any filters are set to the data object.
6. **Supports Update:** Indicate if data object interface supports updating the existing

record in the target.

7. **Schedule:** Create the extract as soon as possible or schedule it for a later date and time.

Create Extract: Schedule

ORACLEⁱSetup

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Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | Loads

Set Parameters Schedule

Create Extract: Schedule

Cancel Back Finish

Personalize Table Layout

As soon as possible
 As scheduled

Date

(example: 22-Aug-2006)

Time : AM PM

Cancel Back Finish

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8. **Finish:** Click **Finish** to submit the extract creation process.

This takes you to the Extract page with a confirmation.

Uploading an Extract

You can upload an extract. The extract could be one that was stored in an external repository or downloaded from another instance. It is recommended that this extract must be an output of the Extract process on an instance that was at the same patch set level as the current central instance. Also, the database character set and the number of installed languages of both instances must match.

Extracts: Upload

To upload an extract:

1. **Extract Name:** Enter the unique name of the extract to be uploaded.
2. **File Name:** Browse and select the extract file.
3. **Description:** Provide informative description about the extract being uploaded.
4. **Upload:** Click **Upload** to upload the file.

Uploaded extracts are validated for the current release. If the extract is active, then it can be used in the transform, load or report process.

Transforming an Extract

You can submit an extract for transformation. For more information, see *Transforms*, page 5-19.

Loading an Extract

You can load an extract to a target instance. For more information, see *Loads*, page 5-30.

Reporting from an Extract

You can generate a report on an extract. For more information, see *Reports*, page 6-1.

Deleting an Extract

You can delete an extract by clicking the **Delete** icon.

Note: Loads are dependant on respective extract records. Deleting an extract would result in failure to restart a load dependant on that extract.

Downloading an Extract

You can download an extract by clicking the Download link on the search result page or download it from the Extract Details page.

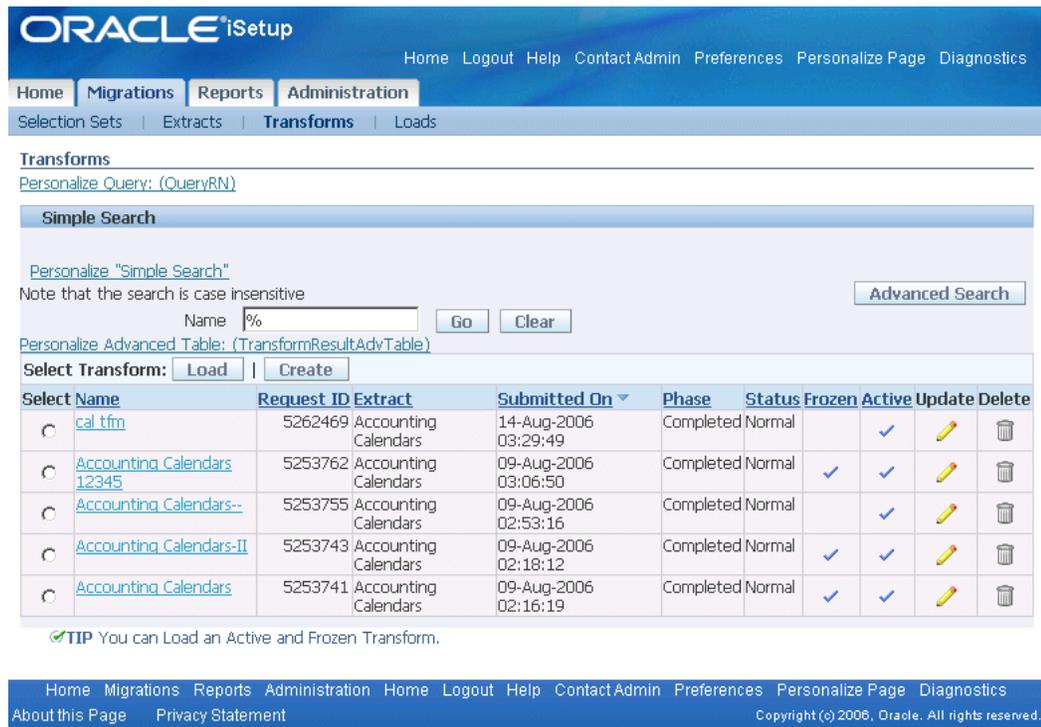
Transforms

Oracle iSetup allows you to transform extracted data in the following ways:

- Individually transform certain attributes of the data objects in an extract
See: *Creating, Updating, and Freezing a Transform*, page 5-28.
- Simultaneously transform group of attributes for the data objects in an extract
See: *Transforming All Attributes for a Data Object*, page 5-28.

Note: All data objects do not support transformation.

Transforms



ORACLE[®]iSetup

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Home Migrations Reports Administration

Selection Sets | Extracts | **Transforms** | Loads

Transforms

Personalize Query: (QueryRN)

Simple Search

Personalize "Simple Search"

Note that the search is case insensitive

Name %

Personalize Advanced Table: (TransformResultAdvTable)

Select Transform: |

Select	Name	Request ID	Extract	Submitted On	Phase	Status	Frozen	Active	Update	Delete
<input type="radio"/>	cal tfm	5262469	Accounting Calendars	14-Aug-2006 03:29:49	Completed	Normal		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Accounting Calendars 12345	5253762	Accounting Calendars	09-Aug-2006 03:06:50	Completed	Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Accounting Calendars--	5253755	Accounting Calendars	09-Aug-2006 02:53:16	Completed	Normal		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Accounting Calendars-II	5253743	Accounting Calendars	09-Aug-2006 02:18:12	Completed	Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Accounting Calendars	5253741	Accounting Calendars	09-Aug-2006 02:16:19	Completed	Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TIP You can Load an Active and Frozen Transform.

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Transforming data is a three step process.

1. **Create:** Submit the extract for transformation.
2. **Update:** Modify the attributes of the data objects.
3. **Freeze:** Freeze the transform to prevent any further changes before it is loaded. By freezing a transform, you ensure that it will not be changed while it is being loaded.

Important: Only frozen transforms can be loaded.

Prerequisites

An active extract which has at least one data object supporting transformation. Refer to Appendix A, Selection Set Templates, to get more information on transformable data objects.

Searching for Transforms

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of the transform, which

are:

- Name
- Extract Name
- Request ID
- Phase
- Status
- Submitted On

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate option.

Advanced Search on Transforms

ORACLE iSetup

Home Logout Help Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | Loads

Transforms

Advanced Search

Personalize Advanced Search: (AdvSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. [Simple Search](#)

Show table data when all conditions are met.
 Show table data when any condition is met.

Name

Extract

Phase

Status

Add Another

Select Transform: |

Select	Name	Request ID	Extract	Submitted On	Phase	Status	Frozen	Active	Update	Delete
<input type="radio"/>	Accounting Calendar 1	5254713	Accounting Calendar 1	07/14/2006 20:01:35	Completed	Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/>	Accounting Calendar	5254702	Accounting Calendar	07/14/2006 19:00:46	Completed	Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>

TIP You can Load an Active and Frozen Transform.

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Search Results

All transforms that match your search criteria are listed in a table format. Use the search results page to:

- View a list of transforms with name, request ID, extracts, submitted date, phase, transform status, frozen, and active status

- View the details of a transform by clicking the name link
- Create a transform by clicking **Create**
- Load an active and frozen transform by selecting the transform first and clicking **Load**
- Delete a transform by clicking the **Delete** icon
- Update a transform by the **Update** icon

The check in the Active column indicates that the transform is created from an extract of the current release.

Viewing a Transform

To view transform details, click the desired transform name link on the Transforms search results page. This takes you to the Transform Details page which displays read-only information in the header and a hierarchical view of the data objects. This hierarchical view also displays the number of extracted records and transformed records for the corresponding data objects.

Transform Details

The screenshot shows the Oracle iSetup interface for a transform named 'Accounting Calendars-II'. The page includes navigation tabs for Home, Migrations, Reports, and Administration. The 'Transforms' section is active, showing details for the selected transform. Key information includes the Request ID (5253743), Data Source (Accounting Calendars), and Source Instance (atg12x10). The transform is active and frozen. The status is 'Completed' with a normal phase. The page also features a table of data objects and their transformation status.

Transform: Accounting Calendars-II

Personalize Flow Layout: [\(RequestDetailsRN\)](#)

Request ID: 5253743
Data Source: Accounting Calendars
Active: Yes
Source Instance: atg12x10
Description:
Frozen: Yes

Submitted On: 09-Aug-2006 02:18:12
Scheduled On: As soon as possible
Completed On: 09-Aug-2006 02:18:50
Phase: Completed
Status: Normal

Personalize H Grid
[Expand All](#) | [Collapse All](#)

Focus Name	Number of Records	Transformed Records	View Details
<input type="checkbox"/> Accounting Calendars			
<input checked="" type="checkbox"/> Accounting Calendars			
Period Types			
Period Types	25	0	
Period Sets	36	1	
Period Sets			

TIP Only the objects selected for transformation are enabled.

[Return to Transforms](#)

From the Transform Details page, you can perform the following tasks:

- Load the transform if it is active and frozen
- Update the transform if it is not frozen
- View the transform log to see the log information generated during the transformation
- View data object details by clicking the **View** icon of the data object you want to view

The object details page allows you to view a list of records that comprises the selected data object and the contents of each record with extracted value and transformed value. You can have an option to view all the data objects or only the transformed data objects.

Creating, Updating, and Freezing a Transform

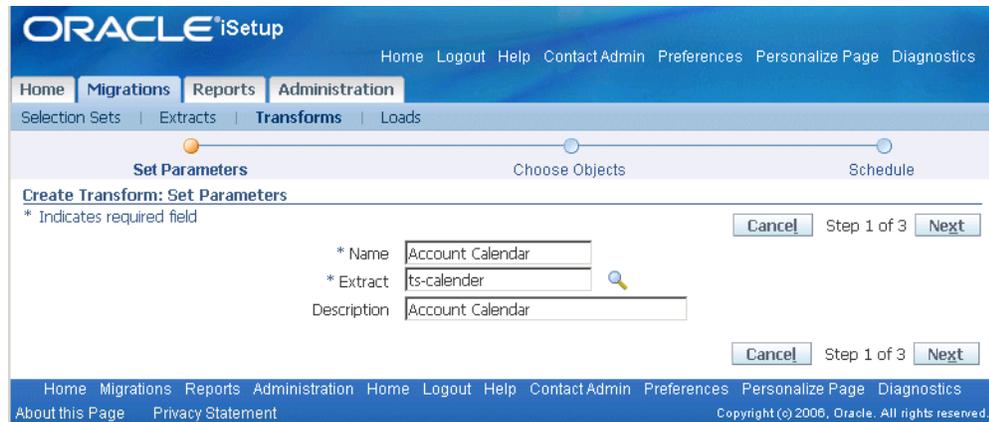
To transform certain attributes of a data object in an extract, you can initiate the transform process in either of the following ways:

- From the Migrations tab > Transforms subtab, click **Create** to create a transform
- From the Migrations tab > Extracts subtab, select an extract and click **Transform** or click **Transform** on the Extract Details page

Following are the steps to create, update and freeze a transform:

1. Creating a Transform

Create Transform: Set Parameters



Following are the steps to create a transform:

1. **Name:** Enter a name for the transform. This is a required field.
2. **Extract:** Select the required extract. You can perform a search to locate available extracts. This is a required field. Only active extracts will be displayed for selection.

If this process is initiated from the Extracts page, details of the extract are populated.

3. **Description:** Provide informative description that could help in identifying the transform.
4. Click **Next**. This takes you to the Create Transform: Choose Objects window if the extract contained at least one transformable object.
5. **Choose Objects:** Select the objects on which you want to perform transformation.

Create Transform: Choose Objects

ORACLE[®]iSetup

Home Logout Help ContactAdmin Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Selection Sets Extracts Transforms Loads

Set Parameters Choose Objects Schedule

Create Transform: Choose Objects

Cancel Back Step 2 of 3 Next

Personalize H Grid

Expand All Collapse All

Focus Name	Select
General Ledger Accounting Calendars	
Accounting Calendars	<input checked="" type="checkbox"/>
Period Types	
Period Sets	

Cancel Back Step 2 of 3 Next

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6. **Schedule:** Create the transform as soon as possible or schedule it for a later date and time.

Create Transform: Schedule

ORACLE[®]iSetup

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Home Migrations Reports Administration

Selection Sets Extracts Transforms Loads

Set Parameters Choose Objects Schedule

Create Transform: Schedule

Cancel Back Step 3 of 3 Finish

Personalize Table Layout

As soon as possible
 As scheduled

Date

Time : AM PM

Cancel Back Step 3 of 3 Finish

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2. Updating a Transform

The **Update** icon is enabled for active transforms only. You can update the data within the transform by clicking the **Update** icon.

Following are the steps to update the transform:

1. Click the **Update** icon of the required transform. This takes you to the update page of that particular transform.

Update a Transform

The screenshot shows the Oracle iSetup interface for updating a transform. The page title is "Update a Transform" and the Oracle iSetup logo is at the top. Navigation links include Home, Logout, Help, ContactAdmin, Preferences, Personalize Page, and Diagnostics. The main menu has tabs for Home, Migrations, Reports, and Administration. The current page is "Transforms" under "Administration".

The transform is named "Accounting Calendars--". It has a "View Log" and "Freeze" button. The "Personalize Flow Layout: (RequestDetailsRN)" section shows the following details:

Request ID	5253755	Submitted On	09-Aug-2006 02:53:16
Data Source	Accounting Calendars	Scheduled On	As soon as possible
Active	Yes	Completed On	09-Aug-2006 02:53:54
Source Instance	atg12x10	Phase	Completed
Description		Status	Normal
Frozen	No		

The "Personalize H Grid" section has "Expand All" and "Collapse All" links. Below is a table with columns: Focus Name, Number of Records, Transformed Records, and Transform.

Focus Name	Number of Records	Transformed Records	Transform
<input type="checkbox"/> Accounting Calendars			
<input checked="" type="checkbox"/> Accounting Calendars			
Period Types			
Period Types	25	0	
Period Sets	36	1	
Period Sets			

A tip states: "TIP Only the objects selected for transformation are enabled." There are "View Log" and "Freeze" buttons at the bottom right of the grid section. The footer includes "Return to Transforms" and "View Log" "Freeze" buttons, along with navigation links and copyright information.

Note: If the transform is frozen, you must unfreeze it for updates.

2. Click the **Transform** icon of the data object that you want to transform. Only data objects marked for transform, during creation, are enabled. This takes you to a detail page where you can:
 - Search for the record to be transformed by using some attributes of the data object.
 - Enter the new values for attributes that allow transformation against the existing values.
 - Access the Transform All page where you can mass modify a specific attribute of all the records for an data object in one step. See: Transforming All Attributes for a Data Object, page 5-28.
 - Save the transform by clicking **Save** and continue to transform other records. On **Apply**, the details page displays the transformed data objects and the number of records that have been transformed.

Details: Period Sets

ORACLE iSetup

Home Logout Help Contact Admin Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Selection Sets | Extracts | **Transforms** | Loads

Details: Period Sets

Transform All Cancel Save Apply

Search

Personalize "Search"

TIP Search is conducted on the old values.

Calendar Name Show transformed only.

Go

Personalize H Grid: (HGridRN)

Expand All Collapse All

Focus Name	Extracted Value	Transformed Value
[-] Period Sets		
Calendar Name	Accounting	<input type="text" value="IGNR&"/>
[+] Details		
Description	Standard Calendar January through December	Standard Calendar January through December

Transform All Cancel Save Apply

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3. Freezing a Transform

Freezing a transform prevents any further changes to the transform. By doing this, you ensure that the selected transform will not be changed during the load process.

Freeze a Transform

ORACLEⁱSetup

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Selection Sets Extracts Transforms Loads

Transform: DemoTransform

View Log Freeze

Personalize Flow Layout: (RequestDetailsRN)

Request ID	4297091	Submitted On	31-Aug-2006 06:50:16
Data Source	ts-calender	Scheduled On	As soon as possible
Active	Yes	Completed On	31-Aug-2006 06:50:52
Source Instance	Local	Phase	Completed
Description	DemoTransform	Status	Normal
Frozen	No		

Personalize H Grid

Expand All Collapse All

Focus Name	Number of Records	Transformed Records	Transform
<input type="checkbox"/> General Ledger Accounting Calendars			
<input checked="" type="checkbox"/> Accounting Calendars			
Period Types	15	0	
Period Sets	23	1	

TIP Only the objects selected for transformation are enabled.

Return to Transforms

View Log Freeze

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Following are the steps to freeze a transform:

1. From the Migrations tab > Transforms subtab, click the **Update** icon of the transform. This takes you to the Update page of the transform.
2. Click **Freeze**.

Note: You can also unfreeze a frozen transform from the Update page. If a transform is unfrozen and changes are made to it, you cannot restart the dependant load which was submitted on the frozen transform.

Transforming All Attributes for a Data Object

Instead of transforming data object attributes row by row, you can use the Transform All feature to mass modify a specific attribute of all the records for a data object simultaneously. If the object to be transformed is a hierarchical selection set, then all values set at the parent level will be cascading down to the child data objects.

The Transform All window lists transformable attributes. You can enter values for these attributes of the selected data object and submit the request to transform them all at once. This immediately launches a concurrent request and it cannot be scheduled. While the Transform All request is in progress, the transform will be frozen. Once the request is completed, changes made with Transform All are not reversible. Transformed

records will be equal to the total number of extracted records.

Note: The values you enter for transformable attributes cannot all be empty (null). You must enter at least one attribute in order to submit the Transform All request.

This feature can only be used in the update mode and the transform must be in unfrozen state.

Transform All Screen

The screenshot shows the Oracle iSetup interface. At the top, there is a navigation bar with 'ORACLE iSetup' and links for Home, Logout, Help, ContactAdmin, Preferences, Personalize Page, and Diagnostics. Below this is a secondary navigation bar with tabs for Home, Migrations, Reports, and Administration. Under the Administration tab, there are sub-tabs for Selection Sets, Extracts, Transforms, and Loads. The main content area is titled 'Transform All : Accounting Calendars' and contains a 'Period Sets' section. This section includes a 'Personalize Header: (HeaderRN)' link, a tip stating 'TIP If the value is empty, that attribute will not be transformed.', and a text input field labeled 'Calendar Name'. There are 'Cancel' and 'Apply' buttons at the bottom right of the section. A footer bar at the bottom contains additional navigation links and a copyright notice: 'Copyright (c) 2006, Oracle. All rights reserved.'

Use the following steps to access the Transform All window:

1. From the Migration tab > Transform subtab, select a Transform from the transform search results region and click **Update** to access the Transform Details page.

Note: You can also click the transform name link from the search results region to get to the view only Transform Details page and then click **Update** to enable the **Transform** icon and **Freeze** button.

2. Click the **Transform** icon for a specific attribute in the Transform Details page to access the Attribute Details page.
3. Click **Transform All** to access the Transform All page. The selected attribute name displays as the region name.
4. Enter an appropriate value for this attribute and click **Apply** to submit the request. You are directed back to the Transform Search page with confirmation of the request submitted.

Loading a Transform

You can load a transform from either the Transforms page or the details page of a particular transform.

Note: Only a frozen and active transform can be loaded.

Deleting a Transform

Click the **Delete** icon in the Transforms page to delete a transform. This takes you to the Warning page where you must confirm the delete action. Once you confirm the deletion, you return to the Transforms page.

Note: After deleting a transform, you cannot restart any dependant loads.

Loads

You can load an extract or a frozen transform to the target instance.

Loads

ORACLE[®]iSetup

Home Logout Help ContactAdmin Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | **Loads**

Loads

Personalize Query: (QueryRN)

Simple Search

Personalize "Simple Search"

Note that the search is case insensitive

Name

Personalize Advanced Table: (LoadResultAdvTable)

Name	Request ID	Data Source	Target Instance	Submitted On	Phase	Status	Delete
DemoLoad	4297089	DemoUpload	Local	31-Aug-2006 06:41:24	Completed	Warning	

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Searching for Loads

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of load:

- Name
- Target Instance
- Request ID
- Phase
- Status
- Submitted On

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate option.

Advanced Search for Loads

Advanced Search

Personalize "Advanced Search"
 Personalize Advanced Search: (AdvancedSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.
 Show table data when any condition is met.

Name is
 Target Instance is
 Phase is
 Status is

Add Another

Personalize Advanced Table: (LoadResultAdvTable)

Name	Request ID	Data Source	Target Instance	Submitted On	Phase	Status	Delete
DemoLoad	4297089	DemoUpload	Local	31-Aug-2006 06:41:24	Completed	Warning	

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Search Results

All loads that match your search criteria are listed in a table format. Use the search results page to:

- View a list of loads with name, request ID, data source, target instance, submitted date, phase, and status

The possible values in the Status field are Pending, Running, Warning, Normal, and Error.

- View the details of a load by clicking the name link
- Create a load by clicking **Create**
- Delete a load by clicking the **Delete** icon

Viewing a Load

To view existing loads, click the desired name link on the search results page. This takes you to the Load Details page which displays read-only information for the load, such as load status, phase, and data source type, as well as a hierarchical view of the load status for each data object contained for the load.

Load Details

The screenshot shows the Oracle iSetup interface. At the top, there's a navigation bar with 'ORACLE iSetup' and links for Home, Logout, Help, Preferences, Personalize Page, and Diagnostics. Below this is a secondary navigation bar with tabs for Home, Migrations, Reports, and Administration. Under 'Migrations', there are sub-tabs for Selection Sets, Extracts, Transforms, and Loads. The main content area is titled 'Load: US GL Currencies' and includes a 'View Log' button. The load details are as follows:

Request ID	4362621	Submitted On	06-Oct-2006 16:17:55
Data Source	Account GL Currencies	Scheduled On	As soon as possible
Data Source Type	Extract	Completed On	06-Oct-2006 16:18:16
Target Instance	Production	Phase	Completed
Description	US GL Currencies	Status	Normal

Below the details, there are links for 'Personalize "Setup object details:"', 'Expand All', and 'Collapse All'. A tree view shows a folder icon for 'General Ledger Currencies' and a sub-item 'Currencies' with a 'Success' status. At the bottom, there's a 'Return to Loads' link and another 'View Log' button. The footer contains 'Home Migrations Reports Administration Home Logout Help Preferences Personalize Page Diagnostics', 'About this Page Privacy Statement', and 'Copyright (c) 2006, Oracle. All rights reserved.'

If the load is completed, you can see load details by clicking **View Log**. Click **Refresh** if the status for the load is scheduled.

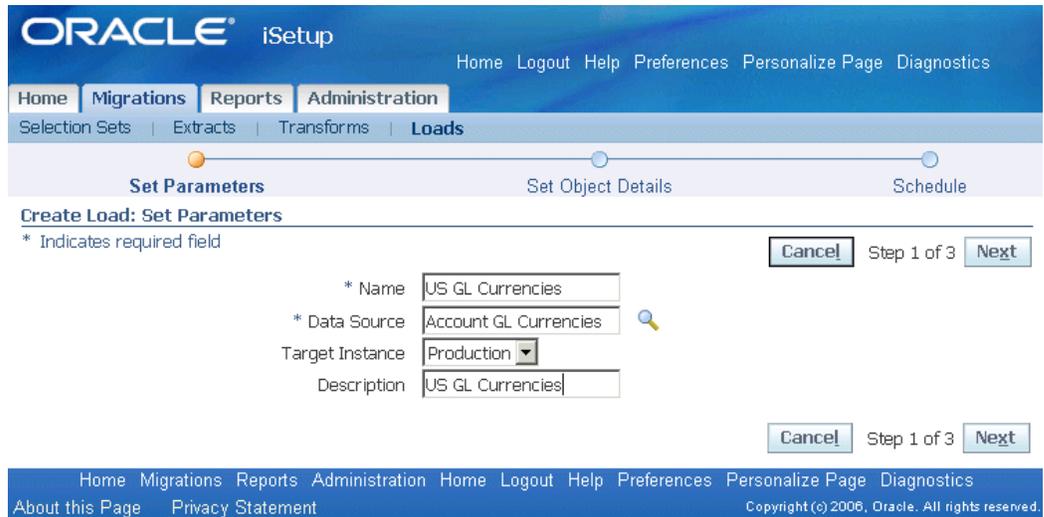
Creating a Load

From the Migrations tab > Loads subtab, click **Create** to create a load. You can also initiate this process by:

- Clicking **Load** from the Extract Search page or the Extract Details page.

- Clicking **Load** from the Load Details page.

Create Load: Set Parameters



ORACLE® iSetup

Home Logout Help Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | Loads

Set Parameters Set Object Details Schedule

Create Load: Set Parameters

* Indicates required field

* Name US GL Currencies

* Data Source Account GL Currencies

Target Instance Production

Description US GL Currencies

Cancel Step 1 of 3 Next

Cancel Step 1 of 3 Next

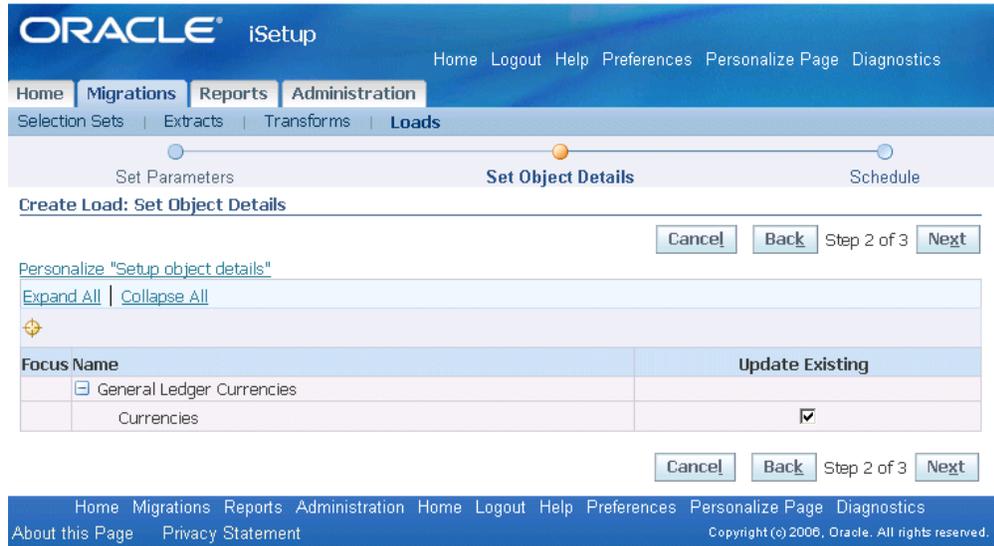
Home Migrations Reports Administration Home Logout Help Preferences Personalize Page Diagnostics

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Following are the steps to create a load:

1. **Name:** Enter a unique name for the load. This is a required field.
2. **Data Source:** Select a data source (an extract or a transform) from a search. Only active extracts and transforms will be displayed for selection. This is a required field.
3. **Target Instance:** Select the Target instance from the pick list.
4. **Description:** Provide informative description that could help in identifying the load.
5. **Update Existing:** Select the data objects that you want to overwrite during load. By default, this is checked for objects that support update.

Create Load: Set Object Details



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Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | Loads

Set Parameters Set Object Details Schedule

Create Load: Set Object Details

Cancel Back Step 2 of 3 Next

Personalize "Setup object details"

[Expand All](#) | [Collapse All](#)

Focus Name	Update Existing
<input type="checkbox"/> General Ledger Currencies	
Currencies	<input checked="" type="checkbox"/>

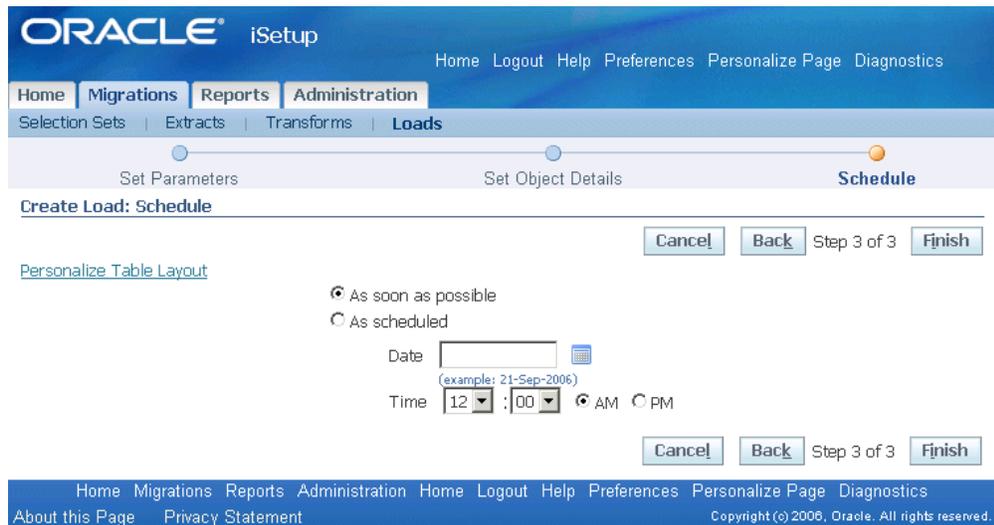
Cancel Back Step 2 of 3 Next

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6. **Schedule:** Create a load as soon as possible or schedule it for a later date and time.

Create Load: Schedule



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Home Migrations Reports Administration

Selection Sets | Extracts | Transforms | Loads

Set Parameters Set Object Details Schedule

Create Load: Schedule

Cancel Back Step 3 of 3 Finish

Personalize Table Layout

As soon as possible
 As scheduled

Date

(example: 21-Sep-2006)

Time : AM PM

Cancel Back Step 3 of 3 Finish

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Note:

- The load is only allowed on extracts that are active and in Completed phase with a status of Normal.
- A transform has to be active and frozen, as well as in Completed

phase with a status of Normal to initiate a load process.

- Some of the data objects must be updated during load and the Update flag would be checked for these data objects by default.
- Some data objects do not support updates.

Restarting a Load

You can restart the load process if the current process ends in error. However, if an extract or a transform associated with the load has been deleted or the associated extract becomes inactive in the process of upgrade from earlier releases, then the Restart option will not appear for that particular load even though the load process completes with a status of Error.

Following are the steps to restart a load:

1. From the Migrations tab > Loads subtab, click the load which resulted in an error.

This takes you to the details page of the load.

2. Click **Restart**.

This takes you to the Set Parameters page where you specify a Name and Description for the load.

Here you have two options:

- To restart from the failed step: The application will start running from the API that resulted in an error. You must use this option if you have corrected the reason of the error in the target instance.
- Skip failed step and it's dependencies: The application skips the load for the data object that resulted in an error and it's dependent data objects.

3. Click **Continue**.

This takes you to the Schedule page where you can schedule the load.

Deleting a Load

Click the **Delete** icon in the Loads page to delete a load. This takes you to the Warning page where you must confirm the delete action. Once you confirm the deletion, you return to the Loads page.

Reports

This chapter describes how to create, view, and download Standard and Comparison reports.

This chapter covers the following topics:

- Overview
- Standard Reports
- Comparison Reports

Overview

Oracle iSetup Reporter takes extracted data as input to generate standard reports and comparison reports. You can choose the data objects to generate the desired report and view the report online or download it as PDF, RTF, or Excel formats. The report online view also allows you to search for a record from within the report.

Standard Reports

Standard Reports are generated for a single extract.

Standard Reports

ORACLE iSetup

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Home Migrations Reports Administration

Standard | Comparison

Standard Reports

[Personalize "Standard Reports"](#)

Simple Search

[Personalize "Simple Search"](#)

Note that the search is case insensitive

Name

[Personalize Advanced Table: \(ReportResultAdvTable\)](#)

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Name	Request ID	Data Source	Source Instance	Submitted On	Phase	Status	Delete	Download
Gen Foundation	4294768	Gen Foundation	Local	28-Aug-2006 02:02:51	Completed	Normal		4294768.zip
Personalization	4294727	Personalization	Local	28-Aug-2006 01:05:39	Completed	Normal		4294727.zip
General Ledger Chart Of Accounts	4294550	General Ledger Chart Of Accounts	Local	27-Aug-2006 21:10:06	Completed	Normal		4294550.zip
Currencies	4294532	Currencies	Local	27-Aug-2006 20:32:46	Completed	Normal		4294532.zip

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Searching for Standard Reports

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of the standard report:

- Name
- Request ID
- Data Source
- Source Instance
- Submitted On
- Phase
- Status

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate option.

Advanced Search for Standard Reports

ORACLE iSetup

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Home Migrations Reports Administration

Standard Comparison

Standard Reports

Personalize "Standard Reports"

Advanced Search

Personalize "Advanced Search"

Personalize Advanced Search: (AdvancedSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.
 Show table data when any condition is met.

Name

Data Source

Source Instance

Phase

Status

Add Another

Personalize Advanced Table: (ReportResultAdvTable)

Name	Request ID	Data Source	Source Instance	Submitted On	Phase	Status	Delete	Download
Gen Foundation	4294768	Gen Foundation	Local	28-Aug-2006 02:02:51	Completed	Normal		4294768.zip

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Search Results

All standard reports that match your search criteria are listed in a table format. Use the search results page to:

- View the details of a selected report
- Create a standard report by clicking **Create**
- Download a report by clicking on the ZIP file link

Note: This option is only available for reports where a download format was specified during report generation.

- Delete a report by clicking the **Delete** icon

Creating a Standard Report

You can initiate a standard report create process either by:

- Clicking **Create** in the Standard Reports page from the Reports tab > Standard subtab.
- Selecting an extract on the Extracts Search page and clicking **Report**.
- Clicking **Report** on the Extract Details page.

Create Standard Report: Set Report Parameters

The screenshot shows the Oracle Migrations interface for setting report parameters. The breadcrumb trail is: Home > Migrations > Reports > Administration > Standard > Comparison. The current step is 'Set Report Parameters', with 'Choose Objects' and 'Schedule' as subsequent steps. The form title is 'Generate Standard Report: Set Report Parameters'. A note indicates that an asterisk (*) denotes a required field. The form contains three main input areas: 'Name' with the value 'GL Code', 'Data Source' with the value 'GL Code' and a search icon, and 'Downloadable Report Format' with a dropdown menu set to 'PDF'. There are 'Cancel' and 'Next' buttons at the bottom right of the form area, with 'Step 1 of 3' indicating the current step.

Following are the steps to create a standard report:

1. **Name:** Enter a unique name for the report. This is a required field.
2. **Data Source:** Select a Data Source for the report from a search. This is a required field.

Note: The extract must have Phase as Completed, Status as Normal, and must be Active status or have one or more data objects enabled for reporting. When the creation is initiated from the Extracts Search or the Details page, this information is populated.

3. **Downloadable Report Format:** In addition to the online report, you can also select the format for a downloadable report. You can download the report as a .PDF, .RTF, or .XLS. The recommended format is PDF.
4. Click **Next**. Based on the extract selected, a list of data objects is displayed. Select at least one data object for reporting.

Generate Standard Report: Choose Objects

ORACLE Migrations

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Home Migrations Reports Administration

Standard Comparison

Set Report Parameters Choose Objects Schedule

Generate Standard Report: Choose Objects

Cancel Back Step 2 of 3 Next

Expand All Collapse All

Focus Name	Name	Select
<input type="checkbox"/>	GL Code Combination	
<input checked="" type="checkbox"/>	Account Code Combinations	

Cancel Back Step 2 of 3 Next

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5. **Schedule:** Create the standard report as soon as possible or schedule it for a later date and time.

Generate Standard Report: Schedule

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Home Migrations Reports Administration

Standard Comparison

Set Report Parameters Choose Objects Schedule

Generate Standard Report: Schedule

Cancel Back Step 3 of 3 Finish

As soon as possible
 As scheduled

Date

Time : AM PM

Cancel Back Step 3 of 3 Finish

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6. **Finish:** Click **Finish** to submit the report creation process.
This takes you to the Standard Reports Search page with a confirmation.

Viewing a Standard Report

Click the desired standard report name to view the details of a report.

This view displays the data objects that were part of the data source. The **View** icon is enabled only for the objects that were selected for the report.

While the report is being generated, the **View** icon maybe disabled for objects which are being processed. This view also displays the number of records contained in each data object.

Refresh: Refresh the page to get the current status. The **Refresh** button appears as long as the status of the report is not Complete.

View Log: Click **View Log** to see the log generated during the generation of this report.

Further, you can view the list of records that comprise each object and the contents of each record. Click the **View** icon of the object for which you want to see the contents. A list of records appear. You can search for a record by using the available search criteria and clicking **Go**.

Note: The online report retrieves records based on the profile option AZ: Reporter Max Records, which can be set to a maximum of 200. To restrict your search use the search filters available on the Report Details page.

Click **Printable Page** for a print version of the standard report.

Downloading a Standard Report

If you had specified a download format for the report, a ZIP file containing the downloadable report is available on the Standard Reports Search page. Click the Download link for the required report. You can also download the report from the Standard Report Details page.

Note:

- Download would be available if:
 - A download format was specified during creation of a standard report.
 - Report is generated without any errors and the Phase is Complete and the Status is Normal.
- Download file name is the report Request ID and is generated by the system.

The downloaded ZIP file contains the following files and folders:

- **File *index.html*:** This file contains details of the request such as the report name, date of submission, data source name. It also contains details of the hierarchy of objects in the selection set with the number of records for that data object. The **View Detail** icon takes you to the report for the data object.

- **Folder *Publishedfiles*:** This folder contains the different object reports.
- **Folder *index_files*:** This folder contains images that appear in the `index.html` file.

Once you have downloaded the report, you need to extract the contents to a folder. Open the `index.html` file to access the report.

Note: It is recommended that you navigate to the reports through the links in the `index.html` file.

Deleting a Standard Report

Click the **Delete** icon in the Standard Reports page to delete a report. This takes you to the Warning page where you must confirm the delete action. Once you confirm the deletion, you return to the Standard Reports Search page.

Comparison Reports

A comparison report is generated from two extracts. You can create a new comparison report or view an existing comparison report.

Comparison Reports

The screenshot shows the Oracle iSetup interface for Comparison Reports. At the top, there is a navigation bar with 'ORACLE iSetup' and links for Home, Logout, Help, Contact Admin, Preferences, Personalize Page, and Diagnostics. Below this is a secondary navigation bar with 'Home', 'Migrations', 'Reports', and 'Administration'. The 'Reports' section is active, and 'Comparison' is selected. There is a 'Simple Search' section with a search input field, a 'Go' button, a 'Clear' button, and an 'Advanced Search' button. Below the search section is a 'Create' button and a table of comparison reports.

Name	Request ID	Primary Data Source	Secondary Data Source	Submitted On	Phase	Status	Delete	Download
DemoCurrDiff	4297096	DemoCurrExt	DemoCurrExtUSD	31-Aug-2006 06:56:17	Completed	Normal		4297096.zip
ts-fin-pdf	4296618	ts-fin	ts-fin-upload	30-Aug-2006 21:54:19	Completed	Normal		4296618.zip
ts-fin	4296613	ts-fin	ts-fin-upload	30-Aug-2006 21:35:41	Completed	Normal		None

At the bottom of the page, there is a footer with links for 'Home', 'Migrations', 'Reports', 'Administration', 'Home', 'Logout', 'Help', 'Contact Admin', 'Preferences', 'Personalize Page', 'Diagnostics', 'About this Page', and 'Privacy Statement'. The copyright notice reads: 'Copyright (c) 2006, Oracle. All rights reserved.'

Searching for Comparison Reports

You can either do a Simple Search or an Advanced Search.

In **Advanced Search**, you can search on the following attributes of the comparison report:

- Name
- Request ID
- Primary Data Source
- Secondary Data Source
- Submitted On
- Phase
- Status

In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate button.

Advanced Search for Comparison Reports

ORACLE iSetup

Home Logout Help Contact Admin Preferences Personalize Page Diagnostics

Home Migrations Reports Administration

Standard | Comparison

Comparison Reports

Personalize "Standard Reports"

Advanced Search

Personalize "Advanced Search"

Personalize Advanced Search: (AdvancedSearchRN)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.

Show table data when any condition is met.

Name

Primary Data Source

Secondary Data Source

Phase

Add Another

Personalize Advanced Table: (ReportResultAdvTable)

Name	Request ID	Primary Data Source	Secondary Data Source	Submitted On	Phase	Status	Delete	Download
DemoCurrDiff	4297096	DemoCurrExt	DemoCurrExtUSD	31-Aug-2006 06:56:17	Completed	Normal		4297096.zip

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Search Results

All comparison reports that match your search criteria are displayed in a table format. Use the search results page to:

- View the details of a selected report
- Create a comparison report by clicking **Create**
- Download a report by clicking the ZIP file
- Delete a report by clicking the **Delete** icon

Creating a Comparison Report

From the Reports tab > Comparison subtab, click **Create**.

Generate Comparison Report: Set Report Parameters

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Home Migrations Reports Administration

Standard | Comparison

Set Report Parameters Choose Objects Schedule

Generate Comparison Report: Set Report Parameters

* Indicates required field

Cancel Step 1 of 3 Next

* Name: GL Currencies Comparison

* Primary Data Source: Account GL Currencies

* Secondary Data Source: ts- Currencies

Downloadable Report Format: PDF

Show only differences in downloadable report

Cancel Step 1 of 3 Next

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Following are the steps to create a comparison report:

1. **Name:** Enter a unique name for the comparison report. This is a required field.
2. **Primary Data Source:** Select a Primary Data Source.
3. **Secondary Data Source:** Select a Secondary Data Source.
4. **Downloadable Report Format:** In addition to the online report, you can also select the format for a downloadable report. You can download the comparison report as a .PDF, or .RTF. The recommended format is PDF.
5. Click the check box "Show only differences in downloadable report" if you want only the differences to be reflected in the downloadable report.
6. Click **Next**. Based on the snapshots you have selected, the common objects of the two snapshots are listed. Select the objects that you want to generate the report on.

Generate Comparison Report: Choose Objects

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Home Migrations Reports Administration

Standard | Comparison

Set Report Parameters Choose Objects Schedule

Generate Comparison Report: Choose Objects

Cancel Back Step 2 of 3 Next

TIP Only the common objects between the two snapshots are displayed here and can be chosen for the comparison report.
Personalize Table: (CommonObjTableRN)

Name	Select
Currencies	<input checked="" type="checkbox"/>

Cancel Back Step 2 of 3 Next

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Note: A comparison report cannot be generated if the extracts do not have any common objects.

7. **Schedule:** Create the report as soon as possible or schedule it for a later date and time.

Generate Comparison Report: Schedule

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Home Migrations Reports Administration

Standard | Comparison

Set Report Parameters Choose Objects Schedule

Generate Comparison Report: Schedule

Cancel Back Step 3 of 3 Finish

Personalize Table Layout

As soon as possible
 As scheduled

Date:

(example: 21-Sep-2006)

Time: 12 : 00 AM PM

Cancel Back Step 3 of 3 Finish

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Viewing a Comparison Report

Click the report name to view the details of a report.

This displays the objects that form the report and the number of records that are different for each of the data objects.

Refresh: Refresh the page to get the current status. The **Refresh** button appears as long as the status of the report is not Complete.

View Log: Click **View Log** to see the log generated during the generation of this report.

To view the report generated for a data object, click the **View** icon against it. By default, only the different records for the given object would be displayed. To view all the records, uncheck the **Show Only Differences** check box and click **GO**.

Click the object name to view the contents of the object. A comparison view of the contents of the primary data source and secondary data source appears.

Legends

Legend	Description
	Record only available in the Primary Data Source.
	Record only available in the Secondary Data Source.
	Record is present in the Primary and the Secondary Data Source, but has differences in some attributes.
	The attribute that is different for a record, which is present in the Primary and the Secondary Data Source.

Attribute differences are identified with the not equal to icon in the Different column.

Click **Printable Page** for a print version of the comparison report.

Downloading a Comparison Report

If you had specified a download format for the report, a ZIP file containing the report is available on the Comparison Reports page. Click the Download link for the required report. You can also initiate the download from the Comparison Report Details page.

Note:

1. Download would be available if:
 - A download format was specified during creation of a

comparison report.

- Report is generated without any errors and the Phase is Complete and the Status is Normal.
2. Download file name is the report Request ID and is generated by the system.

The downloaded ZIP file contains the following files and folders:

- **File *index.html*:** This file contains details of the request such as the report name, date of submission, data source name. It contains the details of the hierarchy of data objects as in the Selection Set of the Primary Data Source and the number of records that are different for those common data objects, which were selected for reporting. The **View Detail** icon takes you to the report for the data object.
- **Folder *Publishedfiles*:** This folder contains the different object reports.
- **Folder *index_files*:** This folder contains images that appear in the `index.html` file.

Once you have downloaded the report, you need to extract the contents to a folder. Open the `index.html` file to access the report.

Deleting a Comparison Report

Click the **Delete** icon in the Comparison Reports page to delete a report. This takes you to the Warning page where you must confirm the delete action. Once you confirm the deletion, you return to the Comparison Reports Search page.

Interface Repository

This chapter explains the Interface Repository feature and its usage. Only users granted with the iSetup Super User role along with the iSetup responsibility can have the privileges to access the repository.

This chapter covers the following topics:

- Overview
- Searching for Interfaces
- Registering an Interface
- Updating an Interface
- Example of Data Migration Using Registered Interfaces

Overview

Oracle iSetup provides a central repository where users with the iSetup Super User role can register Generic Loader type of interfaces with Interface Repository. These registered interfaces contained in the AZ_APIS table can be used later in creating custom selection sets. See: *Creating a Custom Selection Set*, page 5-8.

In addition to interface registration, iSetup Interface Repository also provides search and update features.

For security consideration, the Interface Repository is only available for users with the iSetup Super User role along with the iSetup responsibility.

Prerequisites Before Registering Interfaces:

Before registering the interface, users should perform the following tasks:

1. Create a function of type Interface Method using the Function Developer responsibility.

Use the following naming standard while defining the function code for interface

type Generic Loader:

FNDLOAD:<path>

- <path> is the same as that of one entered while registering the interface.
2. Create a menu of type Interface and associate the function created in previous step. Make sure to clear the **Grant** check box.
 3. Update the iSetup Super User role by creating a grant and associate the menu created in previous step with the grant.

Searching for Interfaces

Oracle iSetup uses the search feature as the main entry to the Interface Repository.

To access the Interface Repository, select Administration tab > Interface Repository subtab.

Interface Repository

ORACLE iSetup

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Home Migrations Reports Administration

Instance Mapping | Interface Repository

Interface Repository

Simple Search

Note that the search is case insensitive

Name %

Name	Description	Application	User	Last Updated On	Update
padmaja2	padmaja2	Activity Based Management	SYSADMIN	07/18/2006	
padmaja2	padmaja2	Activity Based Management	SYSADMIN	07/18/2006	

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You can use a Simple Search to search interfaces only by name or perform an Advanced Search to enter more search criteria.

Interface Repository Advanced Search

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Instance Mapping | Interface Repository

Interface Repository

Advanced Search

[Personalize Advanced Search: \(AdvancedSearchRN\)](#)

Specify parameters and values to filter the data that is displayed in your results set. Simple Search

Show table data when all conditions are met.
 Show table data when any condition is met.

Application Name: is [] []
Display Name: is [] []
Description: is [] []
Last Update Date: before [] []

Add Another: Application Name []

Name	Description	Application	Last Updated On	Update
padmaja	padmaja	ADS Development	07/18/2006	
padmaja2	padmaja2	Activity Based Management	07/18/2006	
padmaja2	padmaja2	Activity Based Management	07/18/2006	

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In **Advanced Search**, you can search on the following attributes of interfaces:

- Application Name
- Display Name
- Description
- Last Update Date

You can also search by user from the Add Another drop-down list along with other criteria you entered. In addition, you can have the search results match any or all the criteria you specify by selecting an appropriate option.

Search Results

Oracle iSetup uses the search results region as the main entry to the Interface Repository. Through the search results, you can update existing interfaces that you have created by clicking appropriate icons.

All interfaces that match your search criteria are listed in a table format. Use the search results page to:

- View a list of interfaces with name, description, application, user, and last updated date

The values in the User column could be the user names who created the interfaces or Oracle for seeded interfaces.

- Register a new interface with Interface Repository by clicking **Create**

See: Registering an Interface, page 7-4.

- Update an interface you created before by clicking the **Update** icon

See: Updating an Interface, page 7-6.

Registering an Interface

From the Administration tab > Interface Repository subtab, click **Create** to access the Create Interface page to register new interfaces with iSetup Interface Repository.

These registered interfaces can be used later in custom selection sets. See: Creating a Custom Selection Set, page 5-8 and Example of Data Migration Using Registered Interfaces, page 7-6 for details.

Register Interface

Register Interface * Indicates required field Cancel Apply

Set Parameters
 Personalize "Set Parameters"
 TIP You can register the Interface if you have the required grants.
 * Name * Application
 Description * Type

Details
 * Path Method Name
 Supports Filter Supports Reporting
 Supports Reporting

Export Parameters
 Personalize "Export Parameters"

Details	Seq	Name	Message Name	*Application Name	*Type	Editable	Displayable	Delete
<input type="checkbox"/> Hide	1	GL Price Parameter	FND_MESG_CODE	Application Implemen	Name Value Pair	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		Value	<input type="text" value="GL value"/>					
		Where clause column	<input type="text"/>					
		Query for List of Values	<input type="text"/>					

Use the following steps to register new interfaces:

1. Enter information in the Set Parameters region:

- **Name:** Enter a name for your interface. This is a required field.
 - **Description:** Enter descriptive information.
 - **Application:** Select an application that owns the interface from the list of values. This is a required field.
 - **Type:** You can only select Generic Loader from the list. Generic Loader indicates that the interface should be LCT based. This is a required field.
2. Enter information in the Details region:
- **Path:** Provide the patch for the interface such as `patch/115/import/afslload.lct`. This is a required field.
 - **Supports Filter:** Select this check box to indicate support for filtering and the corresponding filterable attributes can be provided in the Export Parameters region.
 - **Supports Update:** Select this check box to indicate that interface will update a record in the target instance if it finds a match after validation.
3. Click **Add Parameter** to enter the following information in the Export Parameters region:
- **Seq:** Enter the order of this parameter needs to be passed to the interface for export operation.
 - **Name:** Enter the exact name of the filterable parameter defined in the corresponding LCT file.
 - **Message Name:** Enter the FND message name for the prompt of this parameter. This message name is used to display the prompt in the selection set while filtering a data object.
 - **Application Name:** Enter the application that owns the message name.
 - **Type:** Select one of the following values from the drop-down list:
 - **Name Value Pair:** If interface expects both name and value as filterable parameter during the export operation.
 - **Standalone:** If interface expects only name (standard tokens) and does not need to provide a value for the filterable parameter during the export operation.
 - **Value:** If interface expects only value and does not need to provide a name

for the filterable parameter during the export operation.

- **Editable:** Select this check box to indicate the value of the filterable parameter can be editable while setting the filter.
 - **Displayable:** Select this check box to indicate the parameter can be displayed as a filterable one to the end user while setting the filter.
 - **Value:** This field is useful if the Parameter type is Name Value Pair or Value. It's optional for the user to enter a value. If any values are set, then these will be considered as default values for filtering during the export process. This value would be defaulted to % if the user doesn't enter any value.
 - **Query for List of Values:** The SQL query entered here will be used to render the list of values while setting the filters for data objects in the selection set.
Your SQL query should have only one column in the `SELECT` clause.
 - **Where Clause Column:** You need to provide the `Where` clause column name if the parameter name is different from the one specified in the `SELECT` clause of the Query for List of Values field.
4. Click the **Delete** icon if you want to delete a parameter.
 5. Click **Add Parameter** if you want to add another parameter row to the Export Parameters table.
 6. Click **Apply** to validate and save the creation with a confirmation message.

Updating an Interface

Only the interface creator has the privilege to update the interface that he or she created before. The **Update** icon for the interface will not be enabled if you are not the creator.

To update an interface, select an interface from the search results region and click the **Update** icon to access the Update Interface window.

You can update the interface information in the Details and Export Parameters regions as well as delete parameter rows if you want; however, you cannot change the interface name, type, and application in the Set Parameters region as they are displayed in read-only fields.

Example of Data Migration Using Registered Interfaces

To best understand the Interface Repository and custom selection set features, use the following steps as a guideline to migrate data using registered interfaces.

Business Scenario

A need to create a new custom selection set to include a new interface and then use this selection set for Extract and Load processes.

Assumption: There are three different instances available as Central, Source, and Target instances.

Follow the steps to migrate data using registered interfaces:

1. Ensure that Central, Source, and Target instances have the same username with the iSetup responsibility and iSetup Super User role.

2. Ensure the completion of the prerequisites before registering the interface in your Central instance.

See: Prerequisites Before Registering Interfaces, page 7-1.

3. Register a new interface with iSetup Interface Repository.

See: Registering an Interface, page 7-4.

4. Register the function in the Source for Extract and in the Target for Load processes.

Function of type Interface Method corresponding to the interface needs to be registered in the Source for Extract and in the Target for Load processes.

See: Prerequisites Before Registering Interfaces, page 7-1, Step 1 Create function of type Interface Method for details.

5. Migrate the menu registered.

Create a custom selection set by adding the interface Menus as a data object. Set the filter for Menu Code with the desired criteria. Perform an extract on this selection set from Source instance and then load the extract to Target instance.

See: Creating a Custom Selection Set, page 5-8.

6. Migrate the iSetup Super User role which is updated with the new grant.

Create a custom selection set by adding the interface iSetup Super User Role. Perform an extract on this selection set from Source instance and then load the extract to Target instance.

7. Migrate the metadata of the new interface that is registered.

Create a custom selection set by adding the interface iSetup Interface as data object to migrate the interface metadata that is registered. Set the Filter for Interface Code as the Interface Code generated through Interface Repository and Application Short Name as AZ. Perform an extract on this selection set from Source instance and then load the extract to Target instance.

8. Migrate the data using the registered interface.

Create a custom selection set by adding the registered interface as a data object. Set the required filters if there are any and then perform the Extract and Load operations.

Selection Set Templates

Oracle iSetup provides you with a set of selection set templates. This chapter describes the information on selection set templates.

This appendix covers the following topics:

- Overview
- Grouped Selection Set
- Individual Selection Sets
- Custom Selection Sets

Overview

Oracle iSetup provides you with a set of selection set templates which help the creation of selection sets. Oracle iSetup groups them into the following categories:

- Grouped Selection Sets, page A-1
- Individual Selection Sets, page A-6
- Custom Selection Sets, page A-12

Grouped Selection Set

Selection sets in this category group the interrelated data objects under one umbrella. These selection sets would be useful in the fresh implementation. This category includes the following selection sets.

General Foundation Selection Set

Description: This selection set is used to migrate AOL Foundation setups.

General Foundation Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
<i>General Foundation</i>			
Lookups	No	No	Yes
Printers	No	No	Yes
Request Groups	No	No	Yes
Menus	Yes	No	Yes
Responsibilities	No	No	Yes
Users	No	No	Yes
Key Flexfields	No	No	Yes
Descriptive Flexfields	Yes	No	Yes
Document Sequences	No	No	Yes
Value Set Values	No	No	Yes
Document Sequence Categories	No	No	Yes
Concurrent Programs	Yes	No	Yes

Organization Structure Selection Set

Description: This selection set is used to migrate the organization structure setups.

Prerequisites:

- If the customer is Financial and HRMS, then Oracle iSetup recommends that you manually set up the Legal Entity and Operating Unit data objects on the target instance before using this selection set.
- If the customer is HRMS only, then Oracle iSetup recommends that you create custom selection sets by adding the Legal Entity and Operating Unit data objects and then migrate the setups to target instance before using this selection set.

Organization Structure Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
<i>Organization Structure</i>			
Locations	Yes	No	Yes
Business Groups	Yes	No	Yes
Organizations	Yes	No	Yes
Organization Structure Versions	Yes	No	Yes
Organization Structures	Yes	No	Yes
Organization Structure Elements (Hierarchies)	Yes	No	Yes
Job Groups	Yes	No	Yes
Jobs	Yes	No	Yes
Grades	Yes	No	Yes
Position Structures	Yes	No	Yes
Position Structure Elements (Hierarchies)	Yes	No	Yes
Position Structure Versions	Yes	No	Yes
Positions	Yes	No	Yes
Payrolls	Yes	No	Yes

Financials Setup Selection Set

Description: This selection set is used to migrate Financials setup data. It includes the most of the General Ledger setups. This selection set covers the following modules:

- General Ledger
- Cash Management

Prerequisites:

- Before loading this selection set to the target instance you need to load the Organizations selection set.
- Ledger needs to be created manually.

Financials Setup Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
<i>General Ledger</i>			
Chart of Account	No	No	Yes
Currencies	No	No	Yes
Accounting Calendars	No	No	Yes
Budgets	No	No	Yes
Ledger Sets	No	No	Yes
Data Access Sets	No	No	Yes
<i>Cash Management</i>			
System Parameters	No	No	No
Transaction Codes	No	No	No

Payroll Element Selection Set

Description: This selection set is used to migrate HRMS Payroll Elements.

Payroll Element Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
<i>Payroll Element</i>			
Balance Types	Yes	No	No
Defined Balances	No	No	No
Balance Attributes	No	No	Yes
Element Classifications	No	No	Yes
Fast Formula	No	No	No
Element Types	Yes	No	No
Input Values	No	No	No
Balance Feeds	No	No	No
Status Processing Rules	No	No	No
Formula Result Rules	No	No	No
Secondary Classifications	No	No	No
Run Types	No	No	No
Element Type Usages	No	No	No
Frequency Rules	No	No	No
Primary Balances	No	No	Yes
Element EIT	No	No	Yes
Iterative Rules	No	No	Yes

Data Object Name	Filterable	Transformable	Updatable
Retro Component Usages	No	No	Yes
Element Span Usages	No	No	Yes
Grossup Balance Exclusions	No	No	Yes

XML Publisher Selection Set

Description: This selection set is used to migrate XML Publisher metadata, templates, translations, XML samples and schema.

XML Publisher Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Metadata	Yes	No	Yes
Template Files	No	No	Yes
Template Translations	No	No	Yes
Template Files	No	No	Yes
Template Translations	No	No	Yes
XML Samples	No	No	Yes
XML Schema	No	No	Yes

Individual Selection Sets

Selection sets in this category contain only one data object. These selection sets would be useful in the rollup and fresh implementation. This category includes the following selection sets.

Employees Selection Set

Description: This selection set is used to migrate employees data.

Employees Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Employees	Yes	No	No

General Foundation Key Flexfield Selection Set

Description: This selection set is used to migrate General Foundation Key Flexfield setup data.

This data object is also available as part of the General Foundation selection set under the category of Grouped Selection Sets, page A-1.

General Foundation Key Flexfield Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Key Flexfield	Yes	No	Yes

General Foundation Descriptive Flexfield Selection Set

Description: This selection set is used to migrate General Foundation Descriptive Flexfield setup data.

This data object is also available as part of the General Foundation selection set under the category of Grouped Selection Sets, page A-1.

General Foundation Descriptive Flexfield Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Descriptive Flexfield	Yes	No	Yes

General Foundation Value Set Selection Set

Description: This selection set is used to migrate General Foundation Value Set setup data.

This data object is also available as part of the General Foundation selection set under the category of Grouped Selection Sets, page A-1.

General Foundation Value Set Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Value Set	Yes	No	Yes

General Ledger Accounting Calendars Selection Set

Description: This selection set is used to migrate General Ledger Accounting Calendars setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Accounting Calendars Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Accounting Calendars	Yes	Yes	Yes

General Ledger Budget Selection Set

Description: This selection set is used to migrate General Ledger Budget setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Budget Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Budgets	Yes	No	Yes

General Ledger Chart of Accounts Selection Set

Description: This selection set is used to migrate General Ledger Chart of Accounts setup data. This selection set will create the accounting flexfield, value sets, and values of the respective accounting flexfield.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Chart of Accounts Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Chart of Accounts	Yes	No	Yes

General Ledger Code Combinations Selection Set

Description: This selection set is used to migrate General Ledger Accounting Flexfield Code Combinations setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Code Combinations Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Code Combinations	Yes	No	Yes

General Ledger Currencies Selection Set

Description: This selection set is used to migrate General Ledger Currencies setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Currencies Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Currencies	Yes	Yes	Yes

General Ledger Daily Rates Selection Set

Description: This selection set is used to migrate General Ledger Daily Rates setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Daily Rates Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Daily Rates	Yes	No	Yes

General Ledger Data Access Sets Selection Set

Description: This selection set is used to migrate General Ledger Data Access Sets setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Data Access Sets Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Data Access Sets	Yes	No	Yes

General Ledger Statistical Units of Measure Selection Set

Description: This selection set is used to migrate General Ledger Statistical Units of Measure setup data.

This data object is also available as part of the Financial Setup selection set under the category of Grouped Selection Sets, page A-1.

General Ledger Statistical Units of Measure Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Statistical Units of Measure	Yes	No	Yes

Ledger Sets Selection Set

Description: This selection set is used to migrate Ledger Sets setup data.

Prerequisites: Before loading this selection set data, you need to create the Ledgers manually.

This data object is also available as part of the Financial Setup selection set under the

category of Grouped Selection Sets, page A-1.

General Ledger Currencies Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Ledger Sets	Yes	No	Yes

Personalizations Selection Set

Description: This selection set is used to migrate Personalizations. This selection set is limited to the Self-Service Applications which are based on the Oracle Applications (OA) Framework only.

Personalizations Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Personalizations	Yes	No	Yes

Enterprise Performance Foundation Conditions Selection Set

Description: This selection set is used to migrate Enterprise Performance Foundation Conditions.

Enterprise Performance Foundation Conditions Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Conditions	Yes	No	Yes

Profitability Manager Mapping Rules Selection Set

Description: This selection set is used to migrate Profitability Manager Mapping Rules.

Profitability Manager Mapping Rules Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Mapping Rule	Yes	No	Yes

Profitability Manager Statistics Rules Selection Set

Description: This selection set is used to migrate Mapping Rule Statistics.

Profitability Manager Statistics Rules Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Statistics Rule	Yes	No	Yes

Workflow Business Event System Objects Selection Set

Description: This selection set is used to migrate Workflow Business Event System Objects Definitions.

Workflow Business Event System Objects Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Workflow Business Event System Objects	Yes	No	No

Workflow Definitions Selection Set

Description: This selection set is used to migrate Workflow definitions.

Workflow Definitions Selection Set Metadata

Data Object Name	Filterable	Transformable	Updatable
Workflow Definitions	Yes	No	No

Custom Selection Sets

Oracle iSetup allows you to create custom selection sets by choosing the following data objects to create selection sets suitable for your business. You can also add data objects by registering the interfaces with Oracle iSetup using the Interface Repository feature.

- FND Concurrent Programs
- iSetup Interface Metadata

- iSetup Super User Role
- Functions
- Menu
- Lookups
- Printers
- Responsibilities
- Users
- Request Groups
- Role
- Legal Entity
- Operating Unit

Please note that the Legal Entity and Operating Unit data objects would only move HRMS related setups.

B

Profile Options

This chapter lists profile options and categories used in Oracle iSetup.

This appendix covers the following topics:

- Oracle iSetup Profile Options and Categories

Oracle iSetup Profile Options and Categories

Oracle iSetup uses the profile options in the following table to perform necessary setups:

Oracle iSetup Profile Options

Profile Internal Names	Profile Display Names	Profile Category	Description
AZ_R12_HOME_NUM_OF_RECORDS	AZ: Number Of Records For Home Tab	User Interface	This profile option specifies the number of records to be displayed in the iSetup Home tab. The recommended value is 4.

Profile Internal Names	Profile Display Names	Profile Category	Description
AZ_REPORTER_MAX_RECORDS	AZ: Reporter max records	User Interface	This profile option specifies the number of records that the system would fetch for rendering the online report. The maximum value is 200 and the recommended value is 100.
AZ_R12_REFRESH_DURATION	AZ: Refresh Duration	User Interface	This profile options gets the request phase and status from FND tables after this duration.
AZ_COMMIT_ROW_COUNT	AZ: Commit Row Count	Concurrent Processing	This profile option specifies the number of records that Oracle iSetup commits to the database on the target instance during load. it is set on the target instance only.
AZ_EXPORT_LANGS	AZ: Export Languages	Concurrent Processing	This profile lists languages to be used by iSetup API to export data.
AZ_LOADER_MODE	AZ: Loader Mode	Concurrent Processing	This profile sets the running mode for iSpeed Setups loader. Valid value is LOAD/LOAD_ALL/MERGE_ONLY.
AZ_R12_CP_NUM_OF_BATCHES	AZ: CP Number Of Batches	Concurrent Processing	This profile specifies number of multiple threads that can parallelly process APIs.

Profile Internal Names	Profile Display Names	Profile Category	Description
AZ_R12_DEBUG_M ODE	AZ: Debug Mode	Concurrent Processing	This profile controls running iSetup requests in debug mode.
AZ_R12_MERGE_PD F	AZ: Merge Pdf	Concurrent Processing	This profile controls merging of PDFs in downloadable reports.
AZ_VO_FETCH_SIZ E	AZ: VO Fetch Size	Concurrent Processing	This profile option specifies the number of records that Oracle iSetup extracts in a batch, before it writes to a temporary location on the file system for later use. This profile is set on the source instance only.

Note: The following profile options have been end dated and no longer used in the Oracle iSetup:

- AZ: Archive Release
- AZ: Current Mode
- AZ: Current Phase
- AZ: Proxy Host
- AZ: Proxy Port
- AZ: User Defined Selection Feature

See Profile Categories, *Oracle Applications System Administrator's Guide - Maintenance* for more information.

Glossary

Central Instance

This is an instance of the Oracle E-Business Suite where Oracle iSetup is running. However, this is optional since Oracle iSetup can be run from the source or the target instance.

Custom Selection Set

Oracle iSetup provides capability to allow users with iSetup Super User role to create a selection set by adding the data objects available with the iSetup Interface Repository.

Data Source

The source of setup data that you want to load or report on. The Data Source can be an extracted or a transformed snapshot.

Instance Mapping

The process of mapping instances for use as source or target instances during the extract or load process. Mapping an instance entails defining and maintaining instance Name, a DBC Filename, and an Oracle Applications Responsibility.

DBC File

Before creating a instance mapping, you must have a DBC (Database Connectivity) File created for instance that you want to map to.

Extract

The process of extracting data from the source instance. This results in an extracted snapshot.

Filter

Used to restrict or refine the selection of specific data from an instance during extract.

Instance Name

A logical name given to the instance you create during instance mapping. This instance name is used as the source or target instance in the Migrator user interface.

Interface Repository

Interface Repository provides a central location where users with iSetup Super User role along with the iSetup responsibility can register new interfaces. These interfaces can then be added to the custom selection sets for data migration.

Load

The process of loading extracted or transformed data from a snapshot to a target instance.

Migrator

Migrator lets you migrate data between different instances of the Oracle E-Business Suite. The iSetup Migrator migrates data by extracting data from source, transforming data - if required, and loading data to the target instance.

Reporter

Reporter gives you the capability to create single snapshot report or report to compare snapshots.

Responsibility

Oracle Applications Responsibility that is used to access the Concurrent Manager in the source or target instances for extract and load, respectively.

Restart Load

The process of restarting a failed load process. The load process could fail due to invalid objects in your system or an improperly configured environment. When the load fails, you can fix the problem and restart the processes from the user interface. The load process can restart from where it failed or can skip the failed object and its dependencies and restart from the next object.

Selection Set

A selection set is a logically grouped set of objects. You can set filters on some of these objects as part of your selection set definition.

Selection Set Template

Oracle iSetup provides you with a set of selection set templates. They are the starting point to create a selection set.

Setup Object

A setup entity or API that contains logic to extract or load setup data for a given entity, such as a Set of Books.

Snapshot

A snapshot contains data that is either extracted from a source instance or transformed and ready to be loaded to the target instance.

Source Instance

This is the instance of the Oracle E-Business Suite that is the source of data to be migrated. You extract data from this instance.

Target Instance

This is the instance of the Oracle E-Business Suite that is the target where data must be migrated. You load extracted or transformed data to this instance.

Transform

Prior to loading data to the target instance, you can specify a new value, for example a new name or a new parent object, for certain attributes of the object you are loading. The changes made on the object's attributes will cascade to all referenced objects.

Update Existing (During Load) Flag

Flag used upon loading to determine whether or not the object should be overwritten if the same object value already exists in the target instance.

