PeopleSoft Enterprise Human Resources Management System 9.1 Feature Pack December 2010 Installation

December 2010
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### Chapter 1

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About This Documentation

This preface discusses:

- Understanding This Documentation
- Audience
- Typographical Conventions
- Products
- Related Information
- Comments and Suggestions

Understanding This Documentation

This documentation is designed to direct you through a basic PeopleSoft installation. It is not a substitute for the database administration documentation provided by your relational database management system (RDBMS) vendor, the network administration documentation provided by your network vendor, or the installation and configuration documentation for additional software components that are used with PeopleSoft products.

Required updates to this installation documentation are provided in the form of “Required for Install” incidents, available on My Oracle Support.

Instructions for installing Oracle’s PeopleSoft Enterprise PeopleTools are provided in PeopleSoft PeopleTools installation guides. Application-specific installation instructions are provided in a separate document for the PeopleSoft application. For instance, if you are installing Oracle’s PeopleSoft Enterprise Customer Relationship Management (CRM), you need both the PeopleSoft PeopleTools installation guide and the additional instructions provided for installing PeopleSoft CRM.

To find the installation documentation for PeopleSoft PeopleTools, or for your PeopleSoft application, visit My Oracle Support.

Note. Before proceeding with your installation, check My Oracle Support to ensure that you have the latest version of this installation guide for the correct release of the PeopleSoft product that you are installing.

Audience

This documentation is written for the individuals responsible for installing and administering the PeopleSoft environment. This documentation assumes that you have a basic understanding of the PeopleSoft system. One of the most important components in the installation and maintenance of your PeopleSoft system is your on-site expertise.

You should be familiar with your operating environment and RDBMS and have the necessary skills to support that environment. You should also have a working knowledge of:

- SQL and SQL command syntax.
- PeopleSoft system navigation.
• PeopleSoft windows, menus, and pages, and how to modify them.
• Microsoft Windows.

Oracle recommends that you complete training, particularly the PeopleSoft Server Administration and Installation course, before performing an installation.

See My Oracle Support, Oracle University.

**Typographical Conventions**

To help you locate and understand information easily, the following conventions are used in this documentation:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monospace</td>
<td>Indicates a PeopleCode program or other code, such as scripts that you run during the install. Monospace is also used for messages that you may receive during the install process.</td>
</tr>
<tr>
<td>Italics</td>
<td>Indicates field values, emphasis, and book-length publication titles. Italics is also used to refer to words as words or letters as letters, as in the following example: Enter the letter O.</td>
</tr>
<tr>
<td>Initial Caps</td>
<td>Field names, commands, and processes are represented as they appear on the window, menu, or page.</td>
</tr>
<tr>
<td>lower case</td>
<td>File or directory names are represented in lower case, unless they appear otherwise on the interface.</td>
</tr>
<tr>
<td>Menu, Page</td>
<td>A comma (,) between menu and page references indicates that the page exists on the menu. For example, “Select Use, Process Definitions” indicates that you can select the Process Definitions page from the Use menu.</td>
</tr>
<tr>
<td>Cross-references</td>
<td>Cross-references that begin with See refer you to additional documentation that will help you implement the task at hand. We highly recommend that you reference this documentation. Cross-references under the heading See Also refer you to additional documentation that has more information regarding the subject.</td>
</tr>
<tr>
<td>“” (quotation marks)</td>
<td>Indicate chapter titles in cross-references and words that are used differently from their intended meaning.</td>
</tr>
<tr>
<td><strong>Note. Note text.</strong></td>
<td>Text that begins with Note. indicates information that you should pay particular attention to as you work with your PeopleSoft system.</td>
</tr>
</tbody>
</table>
## Products

This documentation may refer to these products and product families:

- Oracle Application Server
- Oracle BPEL Process Manager
- Oracle Enterprise Manager
- Oracle’s PeopleSoft Application Designer
- Oracle’s PeopleSoft Change Assistant
- Oracle’s PeopleSoft Change Impact Analyzer
- Oracle’s PeopleSoft Data Mover
- Oracle’s PeopleSoft Process Scheduler
- Oracle’s PeopleSoft Pure Internet Architecture
- Oracle’s PeopleSoft Enterprise Customer Relationship Management
- Oracle’s PeopleSoft Enterprise Financial Management
- Oracle’s PeopleSoft Enterprise Human Resources Management Systems
- Oracle’s PeopleSoft Enterprise Learning Management
- Oracle’s PeopleSoft Enterprise Pay/Bill Management
- Oracle’s PeopleSoft Enterprise PeopleTools
- Oracle’s PeopleSoft Enterprise Performance Management
- Oracle’s PeopleSoft Enterprise Portal Solutions
- Oracle’s PeopleSoft Enterprise Staffing Front Office
- Oracle’s PeopleSoft Enterprise Supply Chain Management

**Note.** This documentation may refer to both Oracle’s PeopleSoft Enterprise Portal Solutions and to PeopleSoft PeopleTools portal or portal technologies. PeopleSoft Enterprise Portal Solutions is a separate application product. The PeopleSoft PeopleTools portal technologies consist of PeopleSoft Pure Internet Architecture and the PeopleSoft PeopleTools portal technology used for creating and managing portals.

Related Information

Oracle provides reference information about PeopleSoft PeopleTools and your particular PeopleSoft application. The following documentation is available on Oracle Technology Network:

- PeopleSoft Enterprise PeopleTools PeopleBook: Getting Started with PeopleTools for your release. This documentation provides a high-level introduction to PeopleTools technology and usage.
- PeopleSoft Enterprise Application Fundamentals PeopleBook for your PeopleSoft application and release. This documentation provides essential information about the setup, design, and implementation of your PeopleSoft application.

See http://www.oracle.com/technology/documentation/psftent.html to access PeopleSoft PeopleBooks on Oracle Technology Network.

To install additional component software products for use with PeopleSoft products, including those products that are packaged with your PeopleSoft products, you should refer to the documentation provided with those products, as well as this documentation.

Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like changed about our documentation, PeopleBooks, and other Oracle reference and training materials. Please send your suggestions to:

PSOFT-Infodev_US@oracle.com

While we cannot guarantee to answer every email message, we will pay careful attention to your comments and suggestions. We are always improving our product communications for you.
This chapter discusses:

- Using Oracle E-Delivery to Obtain Installation Files
- Preparing for the Installation
- Installing PeopleSoft HRMS for Federal Government
- Installing PeopleSoft HRMS for Education and Government
- Installing PeopleSoft HRMS for the Military
- Installing PeopleSoft HRMS for Japan
- Installing PeopleSoft HRMS for Switzerland
- Installing PeopleSoft HRMS for Germany
- Installing Time and Labor and Creating Time Zone Offsets
- Installing Absence Management and Global Payroll Core
- Installing PeopleSoft HRMS Portal Pack
- Installing Talent Acquisition Manager
- Installing PeopleSoft Global Payroll Country Extensions
- Installing ePay Payslips for PeopleSoft Global Payroll
- Installing PeopleSoft HR and PeopleSoft Global Payroll PDF Form Files
- Installing Directory Interface
- Installing Payroll Interface for ADP Connection
- Installing PeopleSoft PayBill Management
- Installing Service Handlers
- Installing Configurable Matrices and Metadata
- Installing PeopleSoft Human Resources for French Public Sector
- Installing Multilingual File References and Maintenance Log Data
Using Oracle E-Delivery to Obtain Installation Files

Before beginning the installation, you should obtain the PeopleSoft Enterprise Human Resources Management System 9.1 Feature Pack December 2010 installation software by downloading the necessary zip files from the Oracle E-Delivery web site. Use the documentation available on E-Delivery to be sure that you obtain all the zip files required for your environment.

See http://edelivery.oracle.com

Preparing for the Installation

This section discusses:

- Verifying the PeopleSoft PeopleTools Release
- Verifying the Demo Database Size
- Running the HRINSSYS.DMS Script
- Verifying the EDM Pool Size
- Modifying the PeopleSoft PeopleTools Install for DB2 z/OS
- Creating Views Using Database Configuration Wizard

Verifying the PeopleSoft PeopleTools Release

To run PeopleSoft Enterprise Human Resources Management System 9.1 Feature Pack December 2010 (HRMS 9.1 Feature Pack 2010), you must be using PeopleSoft PeopleTools 8.51.02 or higher.

Important! This document is not a standalone installation guide and does not contain PeopleSoft PeopleTools installation instructions. When installing PeopleSoft HRMS 9.1 Feature Pack 2010, ensure that you use both the PeopleSoft PeopleTools Installation Guide for your database platform and these PeopleSoft HRMS 9.1 Feature Pack 2010 installation instructions. The PeopleSoft PeopleTools Installation Guide is available on My Oracle Support.

See PeopleSoft Enterprise PeopleTools 8.51 Installation for your database platform.

See My Oracle Support

Note. This chapter provides pre-installation considerations, installation notes and instructions specific to PeopleSoft HRMS applications. Installation notes are tips about a specific issue in a product, whereas installation instructions are step-by-step instructions for the installation and configuration of PeopleSoft HRMS products.

Verifying the Demo Database Size

The following table lists the minimum PeopleSoft HRMS 9.1 Feature Pack 2010 Demo database size for each RDBMS platform:
<table>
<thead>
<tr>
<th>RDBMS Platform</th>
<th>Approximate Database Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle — Non-Unicode/Unicode</td>
<td>17 GB</td>
</tr>
<tr>
<td>DB2/LUW Non-Unicode</td>
<td>21.2 GB</td>
</tr>
<tr>
<td>DB2/LUW — Unicode</td>
<td>42.7 GB</td>
</tr>
<tr>
<td>DB2 z/OS Non-Unicode</td>
<td>19.1 GB</td>
</tr>
<tr>
<td>DB2 z/OS Unicode</td>
<td>22.4 GB</td>
</tr>
<tr>
<td>Sybase Non-Unicode</td>
<td>14 GB</td>
</tr>
<tr>
<td>Informix Non-Unicode</td>
<td>10 GB</td>
</tr>
<tr>
<td>Microsoft SQL Server Non-Unicode</td>
<td>4.5 GB</td>
</tr>
<tr>
<td>Microsoft SQL Server Unicode</td>
<td>5.9 GB</td>
</tr>
</tbody>
</table>

**Note.** If you are using Informix, the sizing of databases that is provided in the preceding table is only an example size that holds the demo database tables with one language at installation. This demo database size may need to be edited for some Operating System platforms, based on the default page size.

Running the HRINSSYS.DMS Script

Use PeopleSoft Data Mover to run this script against the HRMS SYS database only. You can find the HRINSSYS.DMS script in `<PS_HOME>\scripts`. After running this script, you must log off all clients and shut down and restart all application servers for the changes to take effect.

Verifying the EDM Pool Size

The PeopleSoft installation procedure places all of the tables for the product that you are installing into multiple physical DB2 for z/OS databases using a shared tablespace methodology. The DB2 subsystem should have a minimum EDM pool size of 6 MB for PeopleSoft HRMS 9.1 Feature Pack 2010.

Modifying the PeopleSoft PeopleTools Install for DB2 z/OS

For DB2/zOS - PeopleSoft HRMS 9.1 Feature Pack 2010, the order of steps performed in the chapter "Creating a Database" of the PeopleSoft PeopleTools installation guide will change if you are installing a demo database. See *PeopleSoft Enterprise PeopleTools 8.51 Installation for DB2 UDB z/OS, "Creating a Database."

Before performing the task *Running PeopleSoft Data Mover Import Scripts*, the `<DBNAME>dbo.dms` script must be edited. Edit the script `<DBNAME>dbo.dms` and create two different PeopleSoft DMS scripts from the original.

**Note.** This modification is necessary because the PeopleSoft HRMS 9.1 Feature Pack 2010 Demo database has some duplicate data definitions and indexes that must be created before loading the Demo database, to avoid duplicates.

1. Search for the key word `hcengl.log` in `<DBNAME>dbo.dms`.
2. Cut the portion of the script from the line that contains `hcengl.log` to the end of script and paste it into a different script called `<DBNAME>dbo_2.dms`.
3. Save the original `<DBNAME>dbo.dms` script after removing the portion of script from the line that has the key word `hcengl.log` to the end of the script.
4. At this stage, ensure that the original `<DBNAME>dbo.dms` script contains only the import from `hcengs.db` and that `<DBNAME>dbo_2.dms` contains the rest of the import and updates.
5. Run the `<DBNAME>dbo.dms` script in bootstrap mode.
   Perform this step by following the instructions in the task “Running PeopleSoft Data Mover Import Scripts”.
   See *PeopleSoft Enterprise PeopleTools 8.51 Installation Guide*, "Creating a Database."
6. Run the step to create indexes, following the instructions in the task “Creating Indexes”.
7. Run the `<DBNAME>dbo_2.dms` script, following the instructions in the task “Running PeopleSoft Data Mover Import Scripts.”

### Creating Views Using Database Configuration Wizard

If the following views do not create successfully when installing the database using Database Configuration Wizard (DCW), use PeopleSoft Application Designer to create these views:

- GPIN_SS_80CCCF
- GPIN_SS_80CF
- GPIN_SS_OTHERSF
- GPIN_SS_PREVF
- GPIN_SS_TDSOTHF

### Task 1-1: Installing PeopleSoft HRMS for Federal Government

This section describes the system data setup process that users of PeopleSoft HRMS for the U.S. Federal Government should run to ensure proper installation of Federal functionality.

To install Federal functionality in a PeopleSoft HRMS Database:

**Note.** Run these steps against both the SYS and DMO databases.

1. Select Set Up HRMS, Product Related, Workforce Administration, Workforce Data USF, Data Federalization.
2. Click the Federalize System Data button, to load the contents of the core tables that are to contain Federal Data.
3. When you run the Federalization process, changes are introduced to the Installation Table. You will receive the informational message “The database was federalized at 2006-09-28-09.22.20.000000. You must restart the application server for certain values to take affect,” as shown in the following example:
Chapter 1 Installing PeopleSoft Enterprise Human Resources Management System 9.1 Feature Pack December 2010 Applications

Data Federalization Process

4. Select Set Up HRMS, Install, Installation Table, and then select the HRMS Options tab. Verify that the Federal values and settings have been applied as follows:
   • Verify that the Position Management Option radio button is set to Full.
   • Verify that the Multi-Step Grade check box in the Compensation Rate Codes group box is selected.

5. Select the Product Specific tab, and confirm that the Default Pay Basis in the Federal Functionality box is set to Per Annum.

Task 1-2: Installing PeopleSoft HRMS for Education and Government

Human Resources for Education and Government customers should ensure that the Education and Government setting is enabled on the Installation Table to have access to specific Education and Government functionality.

Select Set Up HRMS, Install, Installation Table and verify that the Education and Government check box is selected.

If any changes are necessary to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:
Informational Message

Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.

Task 1-3: Installing PeopleSoft HRMS for the Military

Human Resources for Military customers should ensure that the Military option is enabled on the Installation Table to have access to specific Military Rank processing functionality.

Select Set Up HRMS, Install, Installation Table and verify that the Military check box is selected.

If any changes are necessary to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:
Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.

To ensure that the Military Specific fields show in the Search Dialogs, perform the following steps:

1. Open Record MIL_SRCH_SBR in PeopleSoft Application Designer.
2. For each field in the record, double-click to open the Record Field Properties dialog, select the Alternate Search Key check box, and click OK. The List Box Item check box is automatically selected.
3. Save the record.

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**Task 1-4: Installing PeopleSoft HRMS for Japan**

This section discusses:

- Using Global Search
- Configuring Phone and FAX Number Fields
- Printing Japanese Characters on SQR Reports

**Task 1-4-1: Using Global Search**

If you want the ability to search by Other ID in the delivered search views, perform the following steps:

1. Open the subrecord SCRTY_FLD_SBR and double-click on the OTHER_ID_JPN field.
2. Select the Alternate Search Key check box and click OK.
3. Save the record.

**Task 1-4-2: Configuring Phone and FAX Number Fields**

Phone and fax number fields are custom format fields. If you enter a phone number without any hyphenation (for example: 9256944023), the system automatically reformats the number into the proper format (for example: 925/694-4023). This standard custom format feature works for phone numbers in the United States.

In Japan, however, a ten-digit phone number may be formatted in several ways (for example: 03-1234-5670, 045-123-4567, 0567-21-1234, and so on). Therefore, this standard custom format feature does not work for Japanese phone numbers.

To resolve this issue, if you are a Japanese customer, you can modify the definition of the phone number field just as an ordinary string field so that the data is stored as you entered it without any automatic formatting. You can enter the phone numbers with parentheses or dashes, for example 03(4567)1234 or 03-4567-1234.

1. In PeopleSoft Application Designer, open the following fields:
   - FAX
   - HOME_PHONE
   - PHONE
   - PHONE1
   - PHONE2
   - POSITION_PHONE
   - PROXY_PHONE
   - WORK_PHONE
2. For each field in the Field Format group box, change the Format Type drop-down list from Custom to Uppercase.
3. Save the field.

**Task 1-4-3: Printing Japanese Characters on SQR Reports**

To print Japanese characters on SQR reports, perform the following modifications:

In setenv.sqc, uncomment the second line:

```plaintext
! Print Specific Language
!#define PRINT_JAPANESE
```

Additional changes to configuration files may also be necessary, depending on the settings on your operating system.

See *PeopleSoft Enterprise PeopleTools 8.51 PeopleBook: Global Technology*, "Using Global Reporting and Data Analysis Tools"

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**Task 1-5: Installing PeopleSoft HRMS for Switzerland**

This section describes how to install Swiss address validation.
To import Swiss address data:
1. Sign on with PeopleSoft Data Mover to the 9.1 Feature Pack 2010 application database.
2. Open the PeopleSoft Data Mover script <PS_HOME>/scripts/CHE_ADDR.DMS.

   Note. If you are using a Unicode database, use the CHE_ADDR_DBCS.DMS file instead of the CHE_ADDR.DMS file. This imports the Swiss address data in a form that can be used with the double-byte character set.

3. Run this script against the 9.1 Feature Pack 2010 application database.

   Note. The accented characters in the address data are only visible on databases supporting either Unicode or the European character set.

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**Task 1-6: Installing PeopleSoft HRMS for Germany**

This section details how to load the PDF Form Files used in the PeopleSoft HR Spain and PeopleSoft Global Payroll Germany and Switzerland products. You only need to complete this task if you have licensed those products.

To import German Accident Insurance data:
1. Sign on with PeopleSoft Data Mover to the 9.1 Feature Pack 2010 application database.
2. Open the PeopleSoft Data Mover script <PS_HOME>/scripts/HRDE_ACCDNT_IMP.DMS.
3. Run this script against the 9.1 Feature Pack 2010 application database.
4. Run step 4 (a) and 4 (b) only if you have installed the multilingual version:
   a. Open the PeopleSoft Data Mover script <PS_HOME>/scripts/HRDE_ACCDNT_IMP_GER_I.DMS.
   b. Run this script against the 9.1 Feature Pack 2010 application database.
5. Close PeopleSoft Data Mover.

   Note. The accented characters in the Accident Insurance data are only visible on databases supporting either Unicode or the European character set.

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**Task 1-7: Installing Time and Labor and Creating Time Zone Offsets**

PeopleSoft PeopleTools stores time and date information in only one time zone—the "Base Time Zone"—that you select at the time of installation and should never change. The base time zone may be set to the time zone of the company headquarters or perhaps to Greenwich Mean Time (GMT)—also known as UTC (Coordinated Universal Time).

When employees enter the hours that they worked in Time and Labor, they report time according to the local time zone and PeopleSoft PeopleTools stores the information in the base time zone. The Time Administration process then converts the base time back to the local time for rules processing.

To do this, the system needs to know the time zone “offsets,” or the differences between the local time and base time. The following procedure explains how to select the base time zone and create time zone offsets.
To select the Base Time Zone and create time zone offsets:

1. Select PeopleTools, Utilities, Administration, PeopleTools Options.
2. In the Base Time Zone field on the PeopleSoft PeopleTools Options page, browse and select the time zone in which you want all reported time to be stored.
4. Change the default settings on the Time Zone Data page and Daylight Savings page, if applicable.

   The Time Zone Data page and Daylight Savings page display the default time zone settings delivered with PeopleSoft PeopleTools. You can change the settings on these pages if you need to customize the information for your organization.

5. Create time zone offsets using the Time Zone Data page. Click the Generate Query Offsets button on the Time Zone Data page, to populate the time zone offsets table with values that represent the differences between the local and base time zones.

6. Enter the Start and End dates for the offset generation.
   - Specify Start Date: Determine 5 years prior to current date and use year begin date as Start Date.
   - Specify End Date: Determine 5 years in the future, from current date and use year end date as End Date.
7. Click OK.
8. Click Save.

---

**Task 1-8: Installing Absence Management and Global Payroll Core**

This section discusses:

- Verifying Installation Settings for Absence Management
- Updating Process and Job Definitions for Packager

**Task 1-8-1: Verifying Installation Settings for Absence Management**

Absence Management customers who are licensed for Payroll for North America or Payroll Interface should ensure that Global Payroll Core is disabled on the Installation Table in order to have access to specific Absence Management functionality.

Absence Management customers licensed for Global Payroll Core, a Country Extension or who are planning on using Absence Management as a stand alone product, will want to ensure that Global Payroll Core is enabled on the Installation Table.

This step must be run against both the SYS database and the DMO database.

- If you are using PeopleSoft Payroll for North America or Payroll Interface, select Set Up HRMS, Install, Installation Table and verify that the Global Payroll Core check box is clear.
- If you are using PeopleSoft Global Payroll Core, a Country Extension, or you are planning to use Absence Management as a standalone product, select Set Up HRMS, Install, Installation Table and verify that the Global Payroll Core check box is selected.
If any changes are necessary to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:

Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.

**Task 1-8-2: Updating Process and Job Definitions for Packager**

This section discusses:

- Understanding Updates for Packager
- Updating Process Definitions for Packager
- Updating Job Definitions for Packager

**Understanding Updates for Packager**

This step must be done by customers who have licensed either Absence Management or Global Payroll Core.

The SQR GP00PK01 and the two PeopleSoft Data Mover processes (GP_EXP, GP_IMP) must be run on an NT Process Scheduler. With PeopleSoft release 9.1 Feature Pack 2010, Job definitions that combine multiple Packager processes are delivered to help streamline the overall process. As a result, the Job definitions that contain either the SQR Report or the PeopleSoft Data Mover processes must be scheduled to run on an NT Process Scheduler.

**Updating Process Definitions for Packager**

These updates must be done against both the SYS and DMO databases.

The following table lists the process definitions that need to be run on an NT Process Scheduler:
To update the above Process Definitions:
2. Click the Advanced Search link on the Search page.
3. Open the component for each of the process types and process names previously listed.
4. Select the Process Definition Options tab.
5. In the Server Name field, select the value of the NT Process Scheduler set up at your installation.

**Updating Job Definitions for Packager**
The following job definitions need to run on NT Process Scheduler:
- GPCMPRPT — Rules Package Compare Report
- GPCMPRU — Compare & Upgrade with Report
- GPCRSCTE — Create Package & Scripts & Export
- GPEXP — Export Rule Packages
- GPICMP — Import Rule Package & Compare
- GPICMPRU — Import & Compare & Upgrade with Report
- GPICM PU — Import & Compare & Upgrade
- GPIMP — Import Rule Packages
- GPSCTE — Create Scripts & Export Package

To update the previous Job Definitions:
1. Select the Jobs component by selecting PeopleTools, Process Scheduler, Jobs.
2. Open the component for each of the previously listed jobs.
3. Select the Job Definition Options tab.
   - The Server Name field contains the value `PSNT`.
4. In the Server Name field, select the value of the NT Process Scheduler that you set up at installation.

---

**Task 1-9: Installing PeopleSoft HRMS Portal Pack**

This section describes how to grant access to the homepage personalization.

To add, remove, or change the layout of the homepage, the homepage personalization security access must be granted to all non-guest users.

To add the Portal User Role to the user IDs:
2. Open the PeopleSoft Data Mover script \scripts\portal_add_role.dms.
3. Run this script against the PeopleSoft 9.1 Feature Pack 2010 application database.

Note. The PAPP_USER role should be granted to all new user IDs for access to the homepage personalization. After running this script, the role PAPP_USER should be manually removed from any GUEST User ID, since the GUEST user should not be personalizing the common homepage.

Task 1-10: Installing Talent Acquisition Manager

This section describes the installation steps for the Resume Processing feature in Talent Acquisition Manager.

Resume Processing (RP) 9.1 requires a working PeopleSoft HRMS 9.1 Feature Pack 2010 database, PeopleSoft Application Server, PeopleSoft Process Scheduler, and a designated PeopleSoft Pure Internet Architecture Web Server. Detailed instructions for installing these components can be found in the appropriate PeopleSoft PeopleTools installation guide for your database platform.

See PeopleSoft Enterprise PeopleTools 8.51 Installation for your database platform.

To install Resume Support:

1. Configure the local Gateway.
   a. Select PeopleTools, Integration Broker, Configuration, Gateways.
   b. Click the Search button and select the Default Local Gateway.
   c. In the URL field, enter the following:
      \http://<PIA_Webserver>:<Port Number>/PSIGW/PeopleSoftListeningConnector
   d. Click the Load Gateway Connectors button.
      You will receive the informational message “Loading Process was successful. Number of connectors loaded: 9; Number of Properties loaded: 221,” as shown in the following example:

      ![Message dialog box](Loading_Messag.png)

      Loading Message dialog box
   e. Click OK.
f. Click Save.

2. Synchronize counters with your data.
   a. Select Set Up HRMS, Install, Product and Country Specific, Recruiting Installation, and then select the Last Assigned IDs tab.
   b. Click the Fix Counters button near the bottom of the page.
   c. Click the Save button.

---

**Task 1-11: Installing PeopleSoft Global Payroll Country Extensions**

This section discusses:

- Understanding the PeopleSoft Global Payroll Country Extensions Installation
- Updating Installation Indicators
- Updating Stored Installation Indicators
- Copying HR Rate Codes from the HRDMO to the HRSYS Database

**Understanding the PeopleSoft Global Payroll Country Extensions Installation**

This section describes the additional installation steps required to install Global Payroll Country Extensions.

**Note.** You only need to complete this section if you are installing one or more PeopleSoft Global Payroll Country Extensions.

The following table lists the abbreviations and terms that are used in this section:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>PeopleSoft Global Payroll Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE</td>
<td>Country Extension</td>
</tr>
<tr>
<td>GP</td>
<td>Global Payroll</td>
</tr>
<tr>
<td>HRDMO</td>
<td>HRMS Demo database</td>
</tr>
<tr>
<td>HRSYS</td>
<td>HRMS System database</td>
</tr>
</tbody>
</table>

The objects, rules, and data for the PeopleSoft Global Payroll Country Extensions are delivered as part of the HRSYS and HRDMO databases. These additional steps walk you through additional installation actions required for Country Extensions.

**Task 1-11-1: Updating Installation Indicators**

Oracle recommends that you update the PeopleSoft Global Payroll Country Extension indicators on the Installation page on both your HRSYS and HRDMO databases, so that only the Country Extensions that you licensed are turned on.

1. Select Set Up HRMS, Install, Installation Table.
2. On the Products page, select the Installed GP Countries link at the bottom to view a list of Countries.

3. Clear the check boxes for all Country Extensions that you have \textit{not} licensed (so the only check boxes remaining selected should be for those Country Extensions that you have licensed).

\textbf{Note.} This is important as these indicators are used later in this task to identify if additional updates should be made (they are conditional based according to the Country Extensions that you licensed).

4. If any changes are necessary to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:

\begin{center}
\begin{minipage}{0.9\textwidth}
\includegraphics[width=\textwidth]{message.png}
\end{minipage}
\end{center}

Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.

\section*{Task 1-11-2: Updating Stored Installation Indicators}

The gpcesys.dms script updates the store indicators for some elements and activates applicable trigger definitions, based on the Country Extensions that you licensed. This script should be run by all PeopleSoft Global Payroll customers as the updates are conditional based on the Installation Indicators, as mentioned in the previous section.

Use PeopleSoft Data Mover to run the gpcesys.dms script against both the HRSYS and HRDMO databases. You can find the script in \texttt{<PS\_HOME>\scripts}. 
Task 1-11-3: Copying HR Rate Codes from the HRDMO to the HRSYS Database

GP Rate Code Elements for Country Extensions are delivered in both the HRSYS and HRDMO databases; however, the HR Rate Codes that are referenced by these elements are only delivered in the HRDMO database. If you would like to copy the related HR Rate Code elements directly into your HRSYS database for the GP Country Extensions that you licensed, you can use the gpcerate_exp.dms and gpcerate_imp.dms scripts to accomplish this. These scripts have conditional export/import logic that is based on the Installation Indicators (as previously noted) to only copy over the referenced HR Rate Codes that are required for the GP Country Extensions that you licensed.

After you install both the HRSYS and HRDMO databases, use PeopleSoft DataMover to run the gpcerate_exp.dms script (found in your <PS_HOME>\scripts directory) against your HRDMO database. You will then use PeopleSoft DataMover in bootstrap mode to run the gpcerate_imp.dms script (found in your <PS_HOME>\scripts directory) against your HRSYS database (using the dat file that was just generated).

Note. DB2 z/OS customers: Follow the instructions in the script gpcerate_imp.dms to alter it to work properly in your environment

Note. If you only want to copy over HR Rate Codes for a subset of the Country Extensions that you licensed, you should modify the gpcerate_exp.dms script before running and comment out the export logic for the licensed Country Extensions that you do not want to copy over. By default, only those for your licensed Country Extensions will be exported, based on your Installation Indicators.

Task 1-12: Installing ePay Payslips for PeopleSoft Global Payroll

This section discusses:

• Understanding the ePay Payslips Installation
• Installing the ePay Payslips Functionality
• Installing Process Schedulers on MVS Platforms
• Modifying the Sun JVM Configuration to Increase Heap Size

Understanding the ePay Payslips Installation

This section describes the installation steps for ePay Payslips (for Global Payroll).

Note. The Payslips process may throw a java.lang.OutOfMemoryError exception when the number of payees in a single payslip print run gets above 4,000. If this occurs, the amount of memory allocated to Sun java can be increased.

See Modifying Sun JVM Configuration to Increase Heap Size.

Task 1-12-1: Installing the ePay Payslips Functionality

To install ePay Payslips (for Global Payroll):
Note. ePay Payslips (for PeopleSoft Global Payroll) has a dependence on a working FTP server. In the following example, the user ID and password used for logging onto the FTP session is PSLUSER/PSLPUSER.

1. To confirm the jar installation, verify that the following two jar files are installed in your <PS_HOME>\class directory:
   - Itext-1.02b.jar
   - com.peoplesoft.hmcr.exceptions.jar

2. Update URL IDs in the PeopleSoft system to point to the FTP site.
   The URL ID is pointing to a virtual directory on the ftp site. You can create this virtual directory “PAYSLIPS” in the ftp root, however the ePay process will create this folder if it did not previously exist. You can choose to create a directory by any name or structure (you are not limited to using “PAYSLIPS”). If you create a different directory, you must ensure that you reference this directory in the URL ID.
   a. Select PeopleTools, Utilities, Administration, URLs.
   b. Select the following URL Identifier:
      GP_SS_PSLP_FTP
   c. Update this URL with your ftp payslip URL; for example:
      ftp://PSLPUSER:PSLPUSER@COMPUTERNAME/PAYSLIPS/

3. Check the URL setting in Self Service Payslip Options.
   b. Search for the Global Payroll Country for which you are installing ePay Payslips and ensure that the URL setting is the URL Identifier from the prior step.

Important! You may create your own URL ID and update this URL, instead of using GP_SS_PSLP_FTP. If you create your own URL ID you must update the Self Service Payslip Options to point to your new URL ID. See PeopleSoft Enterprise ePay 9.1 PeopleBook, “Managing Pay Information for PeopleSoft Enterprise Global Payroll” for more information regarding Payslip Options.

4. Check PeopleSoft Installation Table Settings.
   a. Select Set Up HRMS, Install, Installation Table.
   b. Select the ePay check box on the main Installation Table tab (Products).
   c. If any changes are necessary to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:
Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.

**Task 1-12-2: Installing Process Schedulers on MVS Platforms**

This section includes additional installation instructions for Process Schedulers on MVS platforms.

1. Execute this SQL statement:
   ```sql
   SELECT COUNT(*) FROM PS_GP_SS_PSLP_INST
   ```

2. If the return value is 1 then run this SQL statement:
   ```sql
   UPDATE PS_GP_SS_PSLP_INST SET GP_PSLP_XFERMETHOD = '0002'
   ```

3. If the return value is 0 then run this SQL statement:
   ```sql
   INSERT INTO PS_GP_SS_PSLP_INST VALUES ('0002')
   ```

**Task 1-12-3: Modifying the Sun JVM Configuration to Increase Heap Size**

When running the payslip report process, the ePay Application Engine process will cache the entire payslip report into memory. If Sun Java is not allocated enough memory, the process abends with this error: java.lang.OutOfMemoryError. To increase the memory for Sun Java, edit the pspres.cfg file of each process scheduler server intended for use with payslip report generation.

Under the [PSTOOLS] section in pspres.cfg, modify the JVM configuration option to increase the memory allocated. Xms is the minimum and Xmx is the maximum memory it would allocate for Java. If a memory error occurred in the payslip process, after the JVM changes are made, reboot the process scheduler. The abended payslip process may then be restarted.
Example of modified JVM configuration:

```bash
[PSTOOLS]
;=========================================================================
; General settings for PSTOOLS
;=========================================================================

;To pass java options to the jvm loaded via JNI, uncomment JavaVM Options=
;and set it equal to the list of parameters you would like to use.
;The options need to be a blank space separated list of valid java options.
;Consult your JRE vendor for valid java options.
;For example, JavaVM Options=-Xmx256m -Xms128m
JavaVM Options=-Xmx512m -Xms32m
```

---

**Task 1-13: Installing PeopleSoft HR and PeopleSoft Global Payroll PDF Form Files**

This section details how to load the PDF Form Files used in the PeopleSoft HR Spain and PeopleSoft Global Payroll Germany and Switzerland products. You only need to complete this task if you have licensed those products.

Before beginning this procedure, copy the files *.pdf from the PeopleSoft SQR directory to your local hard drive

1. Select the appropriate command for the PeopleSoft products that you installed:
   - For PeopleSoft Global Payroll Switzerland, select Set Up HRMS, Product Related, Global Payroll and Absence Mgmt, Reports, Form Definition CHE.
   - For PeopleSoft Global Payroll Germany, select Set Up HRMS, Product Related, Global Payroll and Absence Mgmt, Reports, PDF Form Setup DEU, and then select the Correct History option
   - For PeopleSoft HRMS Spain, select Set Up HRMS, Product Related, Workforce Administration, Workforce Data ESP, PDF Form Definition, and then select the Correct History option.

2. Use the following table to select the Form IDs for your PeopleSoft product:

<table>
<thead>
<tr>
<th>PeopleSoft Product</th>
<th>Form ID</th>
<th>Effdt</th>
<th>Filename</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Payroll Switzerland</td>
<td>LAW-C1</td>
<td>01/01/2004</td>
<td>BETEILIGUNGEN.pdf</td>
</tr>
<tr>
<td>Global Payroll Switzerland</td>
<td>LAW-P1</td>
<td>01/01/2004</td>
<td>_11lohna_3-dfi_25-08-06.pdf</td>
</tr>
<tr>
<td>Global Payroll Switzerland</td>
<td>LAW-P1B</td>
<td>01/01/2004</td>
<td>_11lohna_3-dfi_25-08-06b.pdf</td>
</tr>
<tr>
<td>Global Payroll Switzerland</td>
<td>LAW-P1EDIT</td>
<td>01/01/2004</td>
<td>_11lohna_3-dfi_271208_Edit.pdf</td>
</tr>
<tr>
<td>Global Payroll Switzerland</td>
<td>LAW-P2</td>
<td>01/01/2004</td>
<td>_11lohna_3-dfi_25-08-06_x.pdf</td>
</tr>
<tr>
<td>Global Payroll Germany</td>
<td>CT_ARBS</td>
<td>9/1/2007</td>
<td>ARBS092007.pdf</td>
</tr>
<tr>
<td>Global Payroll Germany</td>
<td>CT_ERGE</td>
<td>1/1/2006</td>
<td>ERGE012006.pdf</td>
</tr>
<tr>
<td>Global Payroll Germany</td>
<td>CT_KRGE</td>
<td>1/1/2006</td>
<td>KRGE012006.pdf</td>
</tr>
</tbody>
</table>
3. For each Form ID, click the Delete button; the Add button appears, as shown in the following example:

![Form Definition CHE page]

4. Click Save.
5. Click Add.
6. Navigate to the PDF Form File, select it and click Upload.
7. Click View to verify that the form is correctly loaded.

**Task 1-14: Installing Directory Interface**

This section discusses:

- Prerequisites
- Verifying the Installation Option for Directory Interface
- Backing up the Directory Server and Database
- Running PeopleSoft Data Mover Scripts
Prerequisites

Directory Interface is dependent on an additional component LDAP-enabled directory server. If you have not installed a supported LDAP-enabled directory server already, install it using the installation instructions provided by the vendor. Ensure that Oracle supports the directory server that you install.

If you already have an LDAP-enabled directory server installed, make sure that PeopleSoft supports your directory server vendor and that the directory server is on a supported version.

Note. Novell NDS is no longer bundled with PeopleSoft applications. For the most current information on the supported directory servers, refer to the PeopleSoft PeopleTools Hardware and Software Requirements Guide and the PeopleSoft Platforms site on My Oracle Support.

Task 1-14-1: Verifying the Installation Option for Directory Interface

Directory Interface customers should ensure that the Directory Interface setting is enabled on the Installation Table, to ensure access to Directory Interface functionality.

Select Set Up HRMS, Install, Installation Table and verify that the Directory Interface check box is selected.

Task 1-14-2: Backing up the Directory Server and Database

Before proceeding with the installation, back up all servers and databases that you previously set up for the installation. To ensure recovery to this point as necessary, do the following:

- Back up any changes you made to the database server while setting up your PeopleSoft system.
- Back up any changes you made to your directory server prior to this installation procedure.

Task 1-14-3: Running PeopleSoft Data Mover Scripts

In this section, you run multiple PeopleSoft Data Mover scripts (DMS) against your database.

The Directory Interface includes directory schema extensions and sample maps for publishing Human Resources data to the directory. This step describes how to load the sample maps into your PeopleSoft database using Data Mover.

In addition to the sample maps, you will also be running PeopleSoft Data Mover scripts that load messages, publishing rules, and LDAP extensions into your database.

1. Launch PeopleSoft Data Mover on the Install Workstation.
2. Select File, Open.
3. Select the \scripts directory on the drive that contains the Directory Interface codeline installation.
   For example, <PS_HOME>\scripts.
4. Open and select File, Run Script to run the following PeopleSoft Data Mover scripts for PeopleSoft HRMS:

   disehr.dms
   dimaphr.dms
**Note.** The Directory Interface includes directory schema extensions relevant to the PeopleSoft Human Resources application. The extensions add two Object Classes (psfPerson and psfJob) as well as several Attribute Types to your directory. You are not required to use the HR schema extensions. Nevertheless, the sample maps that Oracle provides assume the HR schema extensions have been applied to the directory.

---

**Task 1-15: Installing Payroll Interface for ADP Connection**

This section discusses:

- Verifying the Installation Option for Payroll Interface for ADP Connection
- Running the Installation Script

**Task 1-15-1: Verifying the Installation Option for Payroll Interface for ADP Connection**

This section details the installation steps for Payroll Interface for ADP Connection.

Select Set Up HRMS, Install, Installation Table and verify that the Payroll Interface for ADP check box is selected.

If it was necessary to make any changes to the Installation Table, you will receive the informational message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:

![Informational Message](image)

Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.
**Task 1-15-2: Running the Installation Script**

To install Payroll Interface for ADP Connection on a PeopleSoft HRMS database, run the Payroll Interface for ADP Connection installation script.

Using PeopleSoft Data Mover in bootstrap mode, run the hcpiadpi.dms script, found at `<PS_HOME>/scripts`, with the hepiadpe.dat file to import the Payroll Interface for ADP Connection setup data.

*Note.* For DB2 z/OS users: Update the hcpiadpi.dms script before running to set the current sqlid.

---

**Task 1-16: Installing PeopleSoft PayBill Management**

In this section, you activate Service Operations that are required to integrate with the PeopleSoft FSCM 9.1 database. Remember that the PeopleSoft PayBill Management product is only supported on the following database platforms:

- Oracle
- Microsoft SQL Server
- DB2 UDB for Linux, UNIX, and Microsoft Windows

*Important!* For customers on the Oracle platform only: Run the following statement against the PeopleSoft HRMS 9.1 Feature Pack 2010 database using SQL*PLUS before running the following script:

```
ALTER SESSION set NLS_Date_Format = 'YYYY-MM-DD'
```

1. Using a database query tool (such as iSQL, SQL*Plus, or DB2 Command Window), log on to the target PeopleSoft HRMS database.
2. Run the following script from the `<PS_HOME>/scripts` directory:

```
activate_all_hcm.sql
```

The script reads a project contained in your PeopleSoft HRMS 9.1 Feature Pack 2010 database named FO_MESSAGES. Based on this the script activates Service Operations, Routings and Handlers, starts queues and creates or activates Full Data Publish Rules.

---

**Task 1-17: Installing Service Handlers**

Some products have service handlers that must be activated for the database to work properly.

See *PeopleSoft Enterprise PeopleTools 8.51 PeopleBook: PeopleSoft Integration Broker*

This step is not performed by the installer but by the implementation team.

1. Log on to the PeopleSoft Portal, and select PeopleTools, Integration Broker, Integration Setup, Services.
2. For each of the products listed in the following table that have Service Handlers that need to be activated, get a list of the messages, and then enter each message name in the Service Name field and click Search for each.
<table>
<thead>
<tr>
<th>Product</th>
<th>Contain Service Handlers That Must Be Activated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absence Management</td>
<td>No</td>
</tr>
<tr>
<td>Benefits Administration</td>
<td>No</td>
</tr>
<tr>
<td>Candidate Gateway</td>
<td>No</td>
</tr>
<tr>
<td>Directory Interface</td>
<td>Yes</td>
</tr>
<tr>
<td>Ebenefits</td>
<td>No</td>
</tr>
<tr>
<td>eCompensation</td>
<td>Yes</td>
</tr>
<tr>
<td>eCompensationManager Desktop</td>
<td>Yes</td>
</tr>
<tr>
<td>eDevelopment</td>
<td>No</td>
</tr>
<tr>
<td>ePay</td>
<td>No</td>
</tr>
<tr>
<td>ePerformance</td>
<td>Optional</td>
</tr>
<tr>
<td>eProfile</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll — Argentina (listed as HR Core)</td>
<td>Yes</td>
</tr>
<tr>
<td>Global Payroll—Australia</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Brazil (listed as HR Core)</td>
<td>Yes</td>
</tr>
<tr>
<td>Global Payroll – China</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Core</td>
<td>Yes</td>
</tr>
<tr>
<td>Global Payroll—France</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Germany</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Hong Kong</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—India</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Italy</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Japan (listed as Benefits Administration)</td>
<td>Yes</td>
</tr>
<tr>
<td>Global Payroll—Malaysia</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Mexico (listed as HR Core)</td>
<td>Yes</td>
</tr>
<tr>
<td>Global Payroll—Netherlands</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—New Zealand</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Singapore</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Spain</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—Switzerland</td>
<td>Optional</td>
</tr>
<tr>
<td>Global Payroll – Thailand</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—UK</td>
<td>No</td>
</tr>
<tr>
<td>Global Payroll—United States</td>
<td>No</td>
</tr>
<tr>
<td>HRMS for the U.S. Federal Government</td>
<td>No</td>
</tr>
<tr>
<td>HRMS for Education and Government</td>
<td>Yes</td>
</tr>
<tr>
<td>Human Resources</td>
<td>Yes</td>
</tr>
<tr>
<td>Payroll for North America</td>
<td>Yes</td>
</tr>
<tr>
<td>Payroll Interface</td>
<td>No</td>
</tr>
<tr>
<td>Pension Administration</td>
<td>No</td>
</tr>
<tr>
<td>Stock Administration</td>
<td>No</td>
</tr>
<tr>
<td>Product</td>
<td>Contain Service Handlers That Must Be Activated</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Talent Acquisition Manager</td>
<td>No</td>
</tr>
<tr>
<td>Time and Labor</td>
<td>No</td>
</tr>
<tr>
<td>Workforce Compensation Solutions</td>
<td>No</td>
</tr>
</tbody>
</table>

4. Select the Handlers tab, and verify that the Handlers Status is set to Active.

### Task 1-18: Installing Configurable Matrices and Metadata

Configurable Matrices are a special type of lookup table that can be designed and populated by the Compensation Administrator. A matrix can be built to capture market pay information, calculate different pay rates based on employee data, and set increase criteria to be used in the calculation of group budgets.

Configurable Matrices are dependent on metadata definitions that in turn are dependent on the proper installation of Sun Java classes. Confirm that the following two jar files are installed in the `<PSHOME>\class` directory:

- `jdom.jar`
- `com.peoplesoft.hmcr.exceptions.jar`

If there is a `<PSHOME>\class\OS390` directory, these two files should be there as well.

### Task 1-19: Installing PeopleSoft Human Resources for French Public Sector

PeopleSoft Human Resources for French Public Sector customers should ensure that the French Public Sector setting is enabled on the Installation Table to ensure access to specific French Public Sector functionality.

1. Select Set Up HRMS, Install, Installation Table, Products, and verify that the Human Resources and French Public Sector check-boxes are selected.
   - If they are not already selected, select them.
2. Go to the Country Specific page, select the Installed HR Countries link and verify that France is selected.
   - If it is not selected, select it.
3. If it was necessary to make any changes to the Installation Table, you receive the message “You must log off and log back on at all clients and application servers for changes to take effect,” as shown in the following example:
Log off all clients, shut down and restart all application servers, and then log back on to PeopleSoft HRMS for this change to take effect.


5. Select the FPS Installation Parameters 2 page and then click the Activate FPS Actions button, to use the existing action codes.

### Task 1-20: Installing Multilingual File References and Maintenance Log Data

Run these steps only if you have licensed and installed the multilingual media pack. This section details how to load the multilingual file references and multilingual maintenance log data.

To import multilingual data:

1. Sign on with PeopleSoft Data Mover to the PeopleSoft 9.1 Feature Pack 2010 application database.
2. Open the PeopleSoft Data Mover script `<PS_HOME>/scripts/multilingual_data_i.dms`.
3. Run this script against the PeopleSoft 9.1 Feature Pack 2010 application database.
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