
PeopleSoft Deployment Package for Db2 z/OS Batch Setup (PeopleSoft PeopleTools 8.59)

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PeopleSoft Deployment Package for Db2 z/OS Batch Setup (PeopleSoft PeopleTools 8.59)
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About This Documentation

Understanding This Documentation

This documentation is designed to guide you through the deployment of the Oracle's PeopleSoft Deployment Packages. It is not a substitute for the documentation provided for PeopleSoft PeopleTools or PeopleSoft applications.

Typographical Conventions

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

Convention	Description
Monospace	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.
<i>Italics</i>	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 <i>O</i> . Italics are also used to indicate user-supplied information. For example, the term <i>domain</i> is used as a placeholder for the actual domain name in the user's environment. When two such placeholders are used together, they may be set apart with angle brackets. For example, the path <code><PS_CFG_HOME>/appserv/<domain></code> includes two placeholders that require user-supplied information.
Initial Caps	Field names, commands, and processes are represented as they appear on the window, menu, or page.
lower case	File or directory names are represented in lower case, unless they appear otherwise on the interface.
Menu, Page	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.

Convention	Description
Cross-references	<p>Cross-references that begin with <i>See</i> refer you to additional documentation that will help you implement the task at hand. We highly recommend that you reference this documentation.</p> <p>Cross-references under the heading <i>See Also</i> refer you to additional documentation that has more information regarding the subject.</p>
⇒ (line-continuation arrow)	A line-continuation arrow inserted at the end of a line of code indicates that the line of code has been wrapped at the page margin. The code should be viewed or entered as a continuous line of code, without the line-continuation arrow.
" " (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meaning.
Note. Note text.	Text that begins with <i>Note.</i> indicates information that you should pay particular attention to as you work with your PeopleSoft system.
Important! Important note text.	A note that begins with <i>Important!</i> is crucial and includes information about what you need to do for the system to function properly.
Warning! Warning text.	A note that begins with <i>Warning!</i> contains critical configuration information or implementation considerations; for example, if there is a chance of losing or corrupting data. Pay close attention to warning messages.

Products

This documentation may refer to these products and product families:

- Oracle® Enterprise Manager
- Oracle® Tuxedo
- Oracle® WebLogic Server
- 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 Customer Relationship Management
- Oracle's PeopleSoft Enterprise Learning Management
- Oracle's PeopleSoft Enterprise Performance Management

- Oracle's PeopleSoft Financial Management
- Oracle's PeopleSoft Human Capital Management
- Oracle's PeopleSoft Interaction Hub
- Oracle's PeopleSoft Pay/Bill Management
- Oracle's PeopleSoft PeopleTools
- Oracle's PeopleSoft Staffing Front Office
- Oracle's PeopleSoft Supply Chain Management

See the Products area on the Oracle web site, <https://www.oracle.com/products/oracle-a-z.html>.

Related Information

Oracle provides reference information about PeopleSoft PeopleTools and your particular PeopleSoft Application. You can access documentation for recent releases of PeopleSoft PeopleTools and PeopleSoft Applications at the PeopleSoft page in the Oracle Help Center. You can also find documentation by searching for the product name on My Oracle Support.

- PeopleSoft on the Oracle Help Center

You can access PeopleSoft Online Help, or download the PeopleBooks PDFs, from the PeopleSoft page in the Oracle Help Center. Select PeopleTools or your PeopleSoft application from the navigation list on the left. On the page for the selected product application, select the PeopleTools release or image number at the top and go to the Online Help and PeopleBooks section.

See Oracle Help Center, <https://docs.oracle.com/en/applications/peoplesoft/index.html>.

- *PeopleTools: Getting Started with PeopleTools* for your release.

This documentation provides a high-level introduction to PeopleTools technology and usage.

See PeopleTools on the Oracle Help Center, <https://docs.oracle.com/en/applications/peoplesoft/peopletools/index.html>.

- PeopleSoft Application Fundamentals for your PeopleSoft Application and release

This documentation provides essential information about the setup, design, and implementation of your PeopleSoft Application.

See Oracle Help Center, <https://docs.oracle.com/en/applications/peoplesoft/index.html>.

- Installation guides

You can find the installation guides for PeopleSoft PeopleTools and your PeopleSoft application on the appropriate Oracle Help Center page. Select your release or update image at the top and then go to the Install and Upgrade section.

- My Oracle Support

This support platform requires a user account to log in. Contact your PeopleSoft representative for information.

See My Oracle Support, <https://support.oracle.com>.

You can find several pages which compile documentation, links, and known issues for various PeopleSoft product areas. For a list of many of the PeopleSoft pages, select the PeopleSoft tab on the Oracle Information Center Catalog.

See Oracle Information Center Catalog, My Oracle Support, Doc ID 50.2.

To install additional component software products for use with PeopleSoft products, including those products that are packaged with your PeopleSoft products as well as products from other vendors, you should refer to the documentation provided with those products, as well as this documentation. For those additional components that are offered by Oracle, such as Oracle Middleware products, see the documentation on the Oracle Help Center.

See Oracle Help Center, <https://docs.oracle.com/en/>.

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 PeopleSoft documentation 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.

Chapter 1

Preparing to Deploy

This chapter discusses:

- Understanding the PT-DB2ZOS-DPK-WIN
- Reviewing the Installation Process for Db2 z/OS

Understanding the PT-DB2ZOS-DPK-WIN

Use the PT-DB2ZOS-DPK-WIN on a Microsoft Windows operating system to install the utilities required to set up a batch environment for Db2 z/OS. This installation is required to obtain pstrans.exe and other utilities needed to set up a batch environment for Db2 z/OS. These utilities are not included in the installation of the PeopleTools DPKs or the PeopleSoft application images.

You deploy the PT-DB2ZOS-DPK-WIN by running a script and providing an installation location. The installation directory includes:

- pstrans.exe to transfer files from Microsoft Windows to z/OS mainframe
- the utility for SFTP file transfer
- other files needed for batch setup

Task 1-1: Reviewing the Installation Process for Db2 z/OS

These are the high-level steps for using the PeopleSoft Application Images to perform a fresh installation (that is, you are not upgrading or updating an existing environment):

1. Locate the Native OS DPKs for Microsoft Windows for your PeopleSoft 9.2 application, and download the PeopleSoft Application DPK, Part 1.

Do not unzip the file. If you need to FTP the file, use binary mode.

See PeopleSoft 9.2 Application Installation for Db2 z/OS (PeopleSoft PeopleTools 8.59), "Installing the PeopleSoft Homes," Obtaining the PeopleSoft Application and PeopleTools DPKs.

2. Download the PeopleTools 8.59 DPKs for Windows into the same directory where you saved the PeopleSoft Application DPK, Part 1.

Select the PeopleTools patch release specified for the PeopleSoft 9.2 application.

3. Install *PS_HOME* and *PS_APP_HOME* using the PeopleTools DPKs and the PeopleSoft Application DPK, Part 1.

PS_HOME includes the PeopleTools utilities. *PS_APP_HOME* includes the files needed to create an application database.

Note. Before running the DPK setup script, review the setup script options.

See "Installing the PeopleSoft Homes," Reviewing the DPK Setup Script Options.

4. Combine *PS_HOME* and *PS_APP_HOME* into a separate third installation directory, referred to here as *PTOOLS_APP_HOME*.
5. Download and install the PT-DB2ZOS-DPK-WIN.
The PT-DB2ZOS-DPK-WIN script sets up an installation directory including pstrans.exe and other utilities needed to set up a batch environment.
See Deploying the PT-DB2ZOS-DPK-WIN in this document.
6. In the Preinstallation Worksheet, define Transfer Parameter 2 – PeopleSoft File Server High Level Directory, as *PTOOLS_APP_HOME*.
See PeopleSoft 9.2 Application Installation for Db2 z/OS (PeopleSoft PeopleTools 8.59), "Setting Up the Batch Environment," Completing the Preinstallation Worksheet.
7. Use pstrans.exe from the PT-DB2ZOS-DPK-WIN installation directory to transfer files from *PTOOLS_APP_HOME* to the z/OS mainframe.
See PeopleSoft 9.2 Application Installation for Db2 z/OS (PeopleSoft PeopleTools 8.59), "Setting Up the Batch Environment," Using PeopleSoft Server Transfer.
8. Delete *PTOOLS_APP_HOME* if desired.
9. Create a DEMO or SYS database.
See the chapters on creating a database in PeopleSoft 9.2 Application Installation for Db2 z/OS (PeopleSoft PeopleTools 8.59).
10. Use the PeopleTools DPK setup script to perform a mid-tier deployment to install Oracle Tuxedo, Oracle WebLogic, and JDK, as well as setting up the application server, PeopleSoft Pure Internet Architecture (PIA) and Process Scheduler domains.
11. Complete optional tasks, such as installing and compiling COBOL.

Chapter 2

Using the PT-DB2ZOS-DPK-WIN for Batch Setup

This chapter discusses:

- Obtaining PT-DB2ZOS-DPK-WIN
- Deploying the PT-DB2ZOS-DPK-WIN

Task 2-1: Obtaining PT-DB2ZOS-DPK-WIN

The PT-DB2ZOS-DPK-WIN is available on My Oracle Support. Contact Oracle if you need a user ID and password for My Oracle Support.

1. In My Oracle Support, select the Patches & Updates tab.
2. Select Product or Family (Advanced).
3. Specify the following information, and then click Search:
 - PeopleSoft Enterprise PT PeopleTools as the Product
 - The current PeopleSoft PeopleTools 8.5x release, such as 8.59, as the Release
 - Microsoft Windows as the Platform
4. On the search results page, locate the PT-DB2ZOS-DPK-WIN.

The PT-DB2ZOS-DPK-WIN file name has the following format:

PT-DB2ZOS-DPK-WIN-<PT_version>.zip

PT_version is the PeopleSoft PeopleTools release and patch, such as 8.59.05. Select the PT-DB2ZOS-DPK-WIN that has the same patch number as the PeopleTools DPKs that you are using for installation.

5. Download the DPK to a convenient directory, referred to in this documentation as *DB2_DPK_INSTALL*.

Task 2-2: Deploying the PT-DB2ZOS-DPK-WIN

This table lists the setup script options you use to deploy the PT-DB2ZOS-DPK-WIN:

Note. The commands include line feeds for readability.

Action	Setup Script Command
Copy the files needed for batch setup for a Unicode database to the directory <db2zos_install_dir>.	db2zos-dpk-setup.bat -d <db2zos_install_dir>

Action	Setup Script Command
Copy the files needed for batch setup for an EBCDIC database to the directory <db2zos_install_dir>.	db2zos-dpk-setup.bat -d <db2zos_install_dir> -e

1. Extract the zip file.

It is a good idea to extract into the same directory where you downloaded the zip file, *DB2_DPK_INSTALL*.

After extracting, you see these files and directories:

- db2zos-dpk-setup.bat
- db2zos-manifest
- readme.txt
- db2zos_utils_home directory
- scripts directory

2. In a command prompt, change directory to *DB2_DPK_INSTALL*.

3. Run one of the script commands and supply the full path to the installation directory for <db2zos_install_dir>.

Note. Do not install into the same location where you install *PS_HOME*, *PS_APP_HOME*, or *PS_CUST_HOME*.

- For a Unicode environment:

```
db2zos-dpk-setup.bat -d <db2zos_install_dir>
```

- For an EBCDIC environment:

```
db2zos-dpk-setup.bat -d <db2zos_install_dir> -e
```

4. Wait until the script finishes.

```
DB2ZOS DPK Setup ended.
```

After you deploy the PT-DB2ZOS-DPK-WIN, follow the instructions in *PeopleSoft 9.2 Installation for Db2 z/OS* to complete the PeopleSoft environment setup.