



Release Notes for PeopleSoft Enterprise PeopleTools 8.49

April 2007

Release Notes for PeopleSoft Enterprise PeopleTools 8.49

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Release Notes for PeopleSoft Enterprise PeopleTools 8.49 Preface

This document provides functional and technical details pertaining to the new features and enhancements in PeopleSoft Enterprise PeopleTools 8.49. It is intended to help you assess the business benefits of PeopleSoft Enterprise PeopleTools 8.49 and to plan your information technology (IT) projects and investments.

The new features and enhancements that are included in this release are grouped according to functional area. Our goal is to ensure that you leverage technology to its fullest to increase the efficiency and effectiveness of your operations. Please note that the final release may not have every feature that is discussed in this document, and a specific feature may become part of a different application or have a product name that is different from those cited in this document.

This preface discusses:

- PeopleSoft release information publications.
- Additional resources.

PeopleSoft Release Information

This section discusses the following publications that provide in-depth technical and functional information that is available at the time of publication:

- Release value proposition
- Release notes

Release Value Proposition

The release value proposition identifies major enhancements, and articulates the expected business benefit. This document is designed to help you to determine whether new product features might warrant upgrading from an old release or embarking on a new PeopleSoft implementation. With this information, managers will be able to initiate preliminary budget planning and begin putting together a project team to further evaluate specific PeopleSoft products.

Release Notes

Release notes are published at GA and validate the final scope of the release. The release notes discuss the features and enhancements that are available with the GA release of each product, describing the finalized functional and technical details that will enable project teams to confirm budgets and complete implementation plans.

Additional Resources

There are many additional resources that will help your organization determine the affects of upgrading to this release.

Visit the PeopleSoft Customer Connection website frequently to keep apprised of ongoing changes. This table lists the types of resources that are available on Customer Connection:

Resource	Navigation
Upgrade paths	Support, Roadmaps + Schedules, Release Definitions
Training opportunities	Oracle University
Consulting	www.oracle.com/consulting
Business Process Maps	Support, Documentation, Business Process Maps
Integration resources	Support, Documentation, PeopleSoft Enterprise Integration Point (EIP) Catalog
Data Models	Support, Documentation, Data Models
Installation Guides	Implement, Optimize + Upgrade, Implementation Guide, Implementation Documentation and Software
Upgrade guides	Implement, Optimize + Upgrade, Upgrade Guide, Upgrade Documentation and Software

PeopleSoft Enterprise PeopleTools 8.49 Value Proposition

This section provides an executive summary and discusses Enterprise PeopleTools 8.49 themes.

Executive Summary

Enterprise PeopleTools 8.49 focuses on Oracle's commitment to protect and extend customers' current investments in their PeopleSoft Enterprise implementation, as well as continuing to provide an evolutionary path to Fusion.

Key areas of investment include:

- Technology Adoption
- Supportability Improvements

The primary value of Enterprise PeopleTools 8.49 is in the adoption of new technology releases and supportability improvements that reduce ongoing operating costs. In addition to the normal process of including accumulated bug fixes, we have analyzed customer feedback and added features that help you more easily adopt new technologies and increase cost effectiveness.

While the PeopleTools 8.49 release continues to support multiple platforms, it also continues to build the bridge that supports Oracle's future application architecture. In sum, Enterprise PeopleTools 8.49 continues to deliver unparalleled customer choice that ensures support of the latest technical innovation with the industry's lowest cost of ownership.

Below are a few of the key benefit areas and features of the Enterprise PeopleTools 8.49 release.

Technology Investment Protection:

Added support for newer versions of many platform components, such as Oracle Application Server BEA Tuxedo, BEA WebLogic, IBM WebSphere, Java 5 along with many recent database versions.

Enhanced Business Insight

Enhanced support for XML Publisher and Crystal Enterprise XI Release 2

Enterprise PeopleTools 8.49 Themes

From our interaction with customers, we have determined that customers are expecting these main values from their PeopleTools platform:

- Investment Protection.
- A Vision for the Future.
- An Easy Upgrade.

To ensure a continuing return on their investment in Enterprise applications customers will see a continued commitment to our Total Ownership Experience initiative and a strong commitment from Oracle for long-term support of multiple platforms.

By building 'stepping stones' into each PeopleTools release, customers today can start to take advantage of Fusion technologies where appropriate in their environment. This gives you access to many market-leading technologies previously unavailable. Most importantly, customers can choose to take advantage of these new tools *at their own pace*.

Finally, we understand that customers need to be able to upgrade easily to the latest tools release. Full backwards compatibility with previous 8.4x PeopleTools releases means that customers will be able to upgrade their tool set with no application upgrades and with little to no end-user impact. This dramatically reduces the time and cost required to upgrade to PeopleTools 8.49.

Enterprise PeopleTools 8.49 Enhancements

This section provides information related to the major enhancements in the release of Enterprise PeopleTools 8.49. The enhancements fall into these areas:

- World Class Infrastructure.
- Server Administration.
- Security.
- Portal technology.
- Integration technology.
- Analytic Tools.
- Development Tools.
- PeopleSoft Global Technology.
- PeopleBooks.

Important! Before you upgrade to Enterprise PeopleTools 8.49, always make sure that you have read any updates to the upgrade documentation, the Hardware and Software Requirements documentation, the Supported Platforms database, and the required patches lists, and the "Operating System, RDBMS & Additional Component Patches Required for Installation on PT 8.49" page on Customer Connection.

World Class Infrastructure

This section covers some of the major changes for the intended platform support in Enterprise PeopleTools 8.49.

The following table highlights some of the major support changes.

	Added	Discontinued
Operating System	z/OS 1.7	Tru64 AIX 5.2 z/OS 1.4 z/OS 1.5
RDBMS	Informix 10 Sybase ASE 15	
BEA Tuxedo	Tuxedo 9.1	Tuxedo 8.1
Web Server	Oracle Application Server 10.1.3.x BEA WebLogic 9.2.x IBM WebSphere 6.1.x	Oracle Application Server 10.1.2.x BEA WebLogic 8.1x IBM WebSphere 5.1x
JRE/JDK	1.5	1.4.2
Web Browser	Netscape 8.1 Microsoft Internet Explorer 7 Firefox 1.5 (all operating systems) Firefox 2.0 (Windows only)	Safari 1.3 Firefox 1.0
Miscellaneous	ILog R10 Business Objects Enterprise 11 Release 2	

Note. Release notes *do not* contain a comprehensive list of our support policy, nor does it replace what appears in the Supported Platforms database on Customer Connection. **Always** refer to the Supported Platforms database for the most current, and most comprehensive support information.

For JRE, always make sure you have the appropriate version for your operating system (vendor, 32-bit, 64-bit, and so on). Find out more information in the Platform Communications area of the Supported Platforms database.

For information related to products developed by other vendors but used by PeopleSoft, such as BEA Tuxedo, refer to that vendor's web site and documentation for details related to the versions supported by PeopleSoft.

Deprecation Notice for PeopleTools Mobile technology and Mobile Agent:

The PeopleTools Mobile technology and Mobile Agent is being deprecated as of June 5, 2009. Following this date the functionality will no longer be available to any new customers who have not already licensed it. Customers that have already licensed mobile applications may continue to use (and/or upgrade and use) the functionality with PeopleSoft applications (8.8, 8.9 or 9.0). Customers licensed to mobile applications that wish to perform a PeopleTools upgrade to 8.49 or 8.50 and continue using the PeopleTools Mobile functionality should contact Global Customer Service prior to the upgrade. GCS will provide the instructions on enabling mobile functionality following the PeopleTools upgrade.

See Also

Enterprise PeopleTools 8.49 Hardware and Software Requirements

Supported Platforms

<http://www.peoplesoft.com/corp/en/iou/platforms/platforms.jsp>

*Operating System, RDBMS & Additional Component Patches Required for Installation
PeopleTools 8.49 (Platform Communications)*

<http://www4.peoplesoft.com/psdb.nsf/6285c9ef6101571388256fdb0074e082/c9cffb2798e34168882571d400556a85?OpenDocument>

JRE - App/Batch (Platform Communications)

<http://www4.peoplesoft.com/PSDB.NSF/0ae1b9472f7d7f97882562c9006fae4f/b882b1c3e39ea36988256ba5006e6f29?OpenDocument>

Server Administration

This section discusses enhancements made in the area of server administration, including:

- Oracle Application Server 10.1.3 Upgrade
- BEA WebLogic 9.2 Upgrade.
- IBM WebSphere 6.1 Upgrade.
- Verity.
- PSADMIN.
- Installation considerations.

See Also

Enterprise PeopleTools 8.49 PeopleBook: System and Server Administration

Enterprise PeopleTools 8.49 Installation <for your platform>

Oracle Application Server 10.1.3 Upgrade

For Enterprise PeopleTools 8.49, Oracle Application Server 10.1.3.1 is supported. If you had used OAS 10.1.2x in previous releases, you need to upgrade.

OracleAS WebCache

Oracle | PeopleSoft supports the use of OracleAS WebCache as a Reverse Proxy Server (RPS) with OAS 10.1.3.1. To use WebCache, you need to purchase a separate WebCache license from Oracle. It is not bundled with OAS.

BEA WebLogic 9.2 Upgrade

With PeopleTools 8.49, BEA WebLogic 9.2 is supported. Support for BEA WebLogic 8.1 is dropped.

Java Options

Two new JAVA OPTIONS, -XnoOpt and -XXnoJITInline, have been added to the PIA server's startup java command when JRockit's JVM is used on Linux platform. This is to improve the WebLogic server's performance.

WebLogic Session Cookie Name

The name of the WebLogic Server session cookie within the WebLogic Server web application has changed. As a result, when configuring plug-ins for reverse proxy servers or when configuring clusters, you need to include the new cookie name within the relevant configuration files. The name has changed as follows:

"CookieName" has been changed to "WLCookieName". If you use the previous value, the system displays a warning message.

For example, when configuring Microsoft IIS as a reverse proxy server, previously you would specify in the iisproxy.in configuration file:


```
#CookieName=<CookieName as specified on weblogic in PORTAL  
webapps's weblogic.xml>
```

Now, you need to specify:

```
#WLCookieName=<CookieName as specified on weblogic in PORTAL  
webapps's weblogic.xml>
```

Or, when configuring Apache HTTP Server as a reverse proxy server, if you specified an AuthTokenDomain during the PeopleSoft Internet Architecture installation, you must set the WLCookieName for the reverse proxy to that same value. To do so, add the WLCookieName attribute and set its value to CookieName, as specified on the WebLogic server in the PORTAL web application's weblogic.xml file.

IBM WebSphere 6.1 Upgrade

With Enterprise PeopleTools 8.49, IBM WebSphere 6.1 is supported. If you used WebSphere 5.1x in previous releases, you need to upgrade.

Verity

With the upgrade to Verity 6.1 (starting with PeopleTools 8.48), Chinese users can now submit partial searches on compound words. This is a Verity behavior change that applies only to searches in Chinese, where if you have a compound word, your search will now return a hit when you search on part of the word. For instance, searches on the word 不 will return hits for both 不 and 不同, which are different words in Chinese.

Note. PeopleTools 8.49 uses Verity version 6.1.2.

Note. You need to rebuild Verity collections after upgrading to PeopleTools 8.49 for free text search to work.

PSADMIN

PeopleCode Debugger and Service Timeout Settings

In PeopleTools 8.49, when you enable the PeopleCode Debugger (PSDBGSRV), service timeout settings are set to zero (0) by the system, overriding any previous settings you may have made in PSADMIN.

For example, if the service timeout settings for the PSAPPSRV service process are set to 300 prior to enabling the debugger, after you enable the debugger, the service timeout value will be zero (0).

After using the debugger, you need to reset your service timeout settings to the desired values. Before enabling the debugger, it is recommended that you either make a backup of your configuration file or make note of your service timeout settings.

TraceOpt and TraceOptMask

References for the following options have been removed from the configuration file templates: TraceOpt or TraceOptMask. These trace options are no longer used.

Installation Considerations

This section discusses changes or issues related to installing PeopleTools.

PS_HOME Directory Structure

The following directory names have been changed:

Previous Directory Name	Directory Name PeopleTools 8.49
...\DatabaseInstall	...\PsMpDbInstall
...\mpinternet	...\PsMpPIAInstall
...\PSCrystal	...\PsMpCrystalInstall
...\mpwebappdeploy	...\PsMpWebAppDeployInstall

Security Administration

This section discusses the changes to PeopleTools security, including:

- User Profile Synchronization.
- Configuring Oracle Identity Management and Oracle Application Server.

User Profile Synchronization

User Profile synchronization across multiple databases has the following behavior:

Adding or deleting user profiles on the publishing node cause corresponding changes on the subscribing nodes. Modifying user profiles on the publishing node cause corresponding changes on the subscribing nodes with these exceptions:

- The subscribing node ignores changes to the primary E-mail Type if a primary email exists in the subscribing node.
- The subscribing node ignores changes to a User ID Type if the user ID type is not valid on the subscribing node. Instead, the subscribing node inserts an ID type of *None*, provided the subscribing node does not have a row for *None* already.
- In general, the subscribing node ignores changes from the publishing node that produce invalid field values in the subscribing node.

See Also

See *Enterprise PeopleTools 8.49 PeopleBooks: Security Administration, Administering User Profiles, Working with Full User Profile Synchronization*

Configuring Oracle Identity Management and Oracle Application Server

If you are using Oracle Identity Management (10.1.2 or 10.1.4), you must manually configure your OAS Release 3 (10.1.3) middle-tier instance to use Oracle Identity Management.

See Also

Oracle Application Server Administrator's Guide 10g Release 3 (10.1.3), "Configuring Instances to Use 10.1.2 and 9.0.4 Oracle Identity Management"

Oracle Application Server Single Sign-On Administrator's Guide 10g (10.1.4.0.1) "Configuring and Administering Partner Applications."

Integration Technology

This section discusses the enhancements in our integration technology, including:

- Integration Broker.
- PeopleSoft MultiChannel Framework.

Integration Broker

This section covers changes made to the Integration Broker.

Deleting Duplicate Routing Definitions

Application upgrades and the PeopleSoft Application Designer project copy process can cause duplicate routings in the PeopleSoft system.

The Service Administration - Routings page now features a Delete Duplicate Routings section that enables you to search for duplicate routings in the system and delete them.

Service System Status: Development

▾ Delete

▾ Rename

▾ Delete Duplicate Routings

Search

Select	Name	Eff Date	Operation	Version	Type	Sender Node	Receiver Node	Results
<input type="checkbox"/>	~GEN~UPG~24378	09/27/2005	ROLESYNCH_MSG	VERSION_1	Asynch	QE_LOCAL	QE_LOCAL	
<input checked="" type="checkbox"/>	~GEN~UPG~15801	09/07/2005	ROLESYNCH_MSG	VERSION_1	Asynch	QE_LOCAL	QE_LOCAL	
<input checked="" type="checkbox"/>	~GEN~UPG~26794	09/27/2005	ROLESYNCH_MSG	VERSION_1	Asynch	QE_LOCAL	QE_LOCAL	

Delete

[Delete Duplicate Routings section of the Service Administration – Routings page](#)

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Integration Broker, Managing Routing Definitions, Deleting Duplicate Routings

PeopleSoft MultiChannel Framework

This section covers changes to the PeopleSoft MultiChannel Framework technology.

Renclient.properties File

The following parameter has been added to the renclient.properties file.

Property	Default Value	Description
psmcapi_heartbeats_to_miss	5	The number of PSMCAPI heartbeat intervals to wait before removing a non-responsive client.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Multichannel Framework, Configuring PeopleSoft CTI, Understanding PeopleSoft CTI, PeopleSoft MultiChannel API, Configuring PSMCAPI

Error Messages/Information Grid on Sample Pages

The following sample pages now feature an Error Messages/Information grid where any error messages and related information for a process will display:

- CTI Console sample page.
- Agent Console sample page.
- (Third-Party) Sample MCF Agent Console page.

The following example shows the grid that appears on each page:

Error Messages / Information

Message: Error Messages / Information goes here!

Error Messages/Information grid**See Also**

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft MultiChannel Framework, Using and Demonstrating JSMCAPI, Using the Using the Sample CTI Console

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft MultiChannel Framework, Using and Demonstrating JSMCAPI, Using the Agent Console Page

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft MultiChannel Framework, Working with Third-Party Sample Pages, Using the Sample Console Page

Analytic Tools

This section covers changes made to the PeopleSoft analytic tools, including:

- PeopleSoft XML Publisher.
- Crystal Reports for PeopleSoft.
- PeopleSoft Query.
- n\Vision.
- PeopleSoft Process Scheduler.

PeopleSoft XML Publisher

This section discusses changes to XML Publisher for PeopleSoft technology.

See Also

Enterprise PeopleTools 8.49 PeopleBook: XML Publisher for PeopleSoft Enterprise

Template Builder Version

Template Builder has been updated to version 5.6.2.

Removing Orphaned XML Publisher Files

A new Application Engine program, PSXPCLEAN, is available to clean up orphaned XML Publisher files. This program examines PSFILEDEFN, PSFILEDATA, PSXPTMPLFILEDEF and PSXPTMPLTRINFO and performs the following:

- Find unreferenced objects in PSFILEDEFN.
- Find template definitions and template translations for which file objects are missing.
- Find inconsistencies between PSFILEDEFN and PSFILEDATA records (tables).

This Application Engine program can be run as Report only or Report and Delete.

Crystal Reports for PeopleSoft

This section discusses changes that are made to Crystal Reports for PeopleSoft, including:

- Major Support Changes
- Crystal Enterprise 10 Integration.
- BusinessObjects Enterprise XI Release 1 integration.
- BusinessObjects Enterprise XI Release 2 Integration.
- Deprecation of the Run to Crystal Functionality for Crystal Reports XI and BusinessObjects Enterprise XI Release 2.

See Also

Enterprise PeopleTools 8.49 PeopleBook: Crystal Reports for PeopleSoft

Major Support Changes

These are the major support changes for Crystal Reports:

- Crystal Reports 9 (standard).
- Crystal Reports XI and BusinessObjects Enterprise XI Release 2 (optional).

Crystal Enterprise 10 Integration

PeopleTools 8.46 and 8.47 supported an optional integration with Crystal Enterprise 10.

PeopleTools 8.49 does not integrate with Crystal Enterprise 10.

BusinessObjects Enterprise XI Release 1 integration

PeopleTools 8.48 supported an optional integration with BusinessObjects Enterprise XI Release 1.

PeopleTools 8.49 does not integrate with BusinessObjects Enterprise XI Release 1.
PeopleTools 8.49 does support optional integration with BusinessObjects Enterprise XI Release 2.

BusinessObjects Enterprise XI Release 2 Integration

PeopleTools 8.49 supports an optional integration with BusinessObjects Enterprise XI Release 2 under certain circumstances.

PeopleSoft applications are delivered to work with the Crystal Reports 9 runtime environment. If you are using PeopleTools 8.49 and using PeopleSoft applications at Releases 9 or higher, you can optionally use the BusinessObjects Enterprise XI Release 2 runtime environment to run and view your reports.

BusinessObjects Enterprise XI Release 2 has been integrated with the PeopleSoft Report Manager and Process Scheduler. You can schedule, monitor, and purge BusinessObjects XI Enterprise Release 2 reports from Process Scheduler. You can also interface with the BusinessObjects Enterprise XI Release 2 report repository through Report Manager.

The advantages of BusinessObjects Enterprise XI Release 2 (compared to Crystal Reports 9) are:

- Runs on different operating systems (Solaris, AIX, Linux, HP-UX RISC) as well as on Microsoft Windows.
- Runs on a scalable server platform; that is, you can scale across machines.

The advantages of using Crystal Reports 9 are:

- Works the same as previous releases of PeopleTools.
- Requires little configuration and administration.
- Supports the Run to Crystal Reports 9 from the Windows Query Designer.
- Does not require a database management system for report management.

- Has the report output in smaller size compared to BusinessObjects Enterprise XI Release 2, as the latter contains more internal information about the report.

Note. The observed difference in tests indicates that the report output generated from BusinessObjects Enterprise XI Release 2 will be 30 to 40% larger than report output generated from Crystal Reports 9. The differences may vary by report and by the amount of business data in the report.

If you are running reports using Crystal 9, you cannot run reports on the same PeopleSoft application using Business Objects Enterprise XI Release 2. If you are running reports using BusinessObjects Enterprise XI Release 2, you cannot run reports on the same PeopleSoft application using Crystal 9.

In order to run Crystal Reports XI report definitions using BusinessObjects Enterprise XI Release 2 through the PeopleSoft Process Scheduler, the Crystal Reports XI report definitions must reside in the BusinessObjects Enterprise XI report repository.

Crystal 9 report definition files can be converted to Crystal Reports XI format and published into the BusinessObjects Enterprise XI Report Repository using the PeopleTools Crystal 9 to Crystal XI Report Conversion Utility. Reports in Crystal Reports XI format cannot be run in the Crystal Reports 9 environment.

BusinessObjects Enterprise XI Release 2 on Oracle Application Server

BusinessObjects Enterprise XI Release 2 has its own set of platform version certifications. Business Objects is responsible for the platform certifications for its product, while Oracle certifies that the integration of PeopleTools with BusinessObjects Enterprise XI Release 2 works correctly. While we work with Business Objects to minimize variations with the certified platform releases for PeopleTools, there can be variations.

In PeopleTools 8.49, PeopleTools is certified on Oracle OAS 10.1.3 while BusinessObjects Enterprise XI Release 2 is certified on 10.1.2.

Refer to *Enterprise PeopleTools 8.49 Hardware and Software Requirements* and the Supported Platforms database on Customer Connection for specific information related to your implementation planning if you decide to use BusinessObjects Enterprise Release 2 with PeopleTools 8.49.

Deprecation of the Run to Crystal Functionality for Crystal Reports XI and BusinessObjects Enterprise XI Release 2

If you have access to the Microsoft Windows version of Query Designer, which means that if you have a Microsoft Windows-based workstation set up as a PeopleTools development environment, you can run improvised or predefined queries directly to Crystal Reports 9 from Query Designer. This option is not available from web-based Query Manager or Query Viewer.

If Crystal Reports XI is installed, the Run to Crystal button on Windows-based query designer is disabled. However, users who do not have access to Windows Query Designer or who have BusinessObjects Enterprise XI installed can schedule a predefined Crystal report to run on a Process Scheduler server, and the results can be routed to PeopleSoft Report Manager.

PeopleSoft Query

This section discusses changes in PeopleSoft Query, including:

- Dirty reads in PeopleSoft Query.
- BusinessObjects Enterprise XI Release 2 Integration.
- Deprecation of the Run to Crystal functionality for BusinessObjects Enterprise XI.

Dirty Reads in PeopleSoft Query

PeopleTools 8.49 supports dirty reads with PeopleSoft Query. Dirty Reads mode, also called Read Only mode, enables you to configure your servers to avoid table locking while running PeopleSoft queries. When Dirty Read mode is enabled for PeopleSoft Query, the performance is increased as queries do not lock on other INSERT and UPDATE operations.

You can enable this option for the application server, for the Process Scheduler server (Application Engine), and for two-tier client connections using the Configuration Manager.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Query, Creating and Running Simple Queries, Dirty Reads in PeopleSoft Query

BusinessObjects Enterprise XI Release 2 Integration

In order to run Crystal Reports XI report definitions using BusinessObjects Enterprise XI Release 2 through the PeopleSoft Process Scheduler, you must install and configure the BusinessObjects Enterprise Release 2 server. Furthermore, you must perform additional configuration steps on your PeopleSoft database. The BusinessObjects Enterprise installation and additional configuration steps are outlined in the PeopleTools 8.49 Installation Guide.

Crystal Reports XI report templates are published and stored in the BusinessObjects Enterprise XI Release 2 report repository. Completed reports can be stored in either the PeopleSoft Report Repository (as pdf files) or in the BusinessObjects Enterprise XI Release 2 Report Repository, which is accessible using the BOE web report viewer.

Note. The Command Line executable program for Crystal Reports 9 is PSCRRUN.EXE. PSBOERUN.EXE is the executable used with BusinessObjects Enterprise XI.

See Also

Enterprise PeopleTools 8.49 Installation: Crystal Reports

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Process Scheduler, Defining PeopleSoft Process Scheduler Support Information, Defining System Settings

Business Objects Enterprise XI documentation

Deprecation of the Run to Crystal Functionality in BusinessObjects Enterprise XI

If you have access to the Microsoft Windows version of Query Designer, which means that if you have a Microsoft Windows-based workstation set up as a PeopleTools development environment, you can run improvised or predefined queries directly to Crystal Reports 9 from Query Designer. This option is not available from web-based Query Manager or Query Viewer.

If Crystal Reports XI is installed on a workstation in conjunction with a BusinessObjects Enterprise XI server environment, the Run to Crystal button on Windows-based Query Designer is disabled. However, users who do not have access to Windows Query Designer or who have BusinessObjects XI installed can schedule a predefined Crystal Report to run on a Process Scheduler server, and the results can be routed to PeopleSoft Report Manager.

PS/nVision

This section covers changes to the PeopleTools PS/nVision technology.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PS/nVision

New Functionality for Running nVision on Web

In PeopleTools 8.49, when running an nVision report request through the web, changes can now be made to the report request without those changes automatically being saved upon hitting the "Run Report" button.

This enables the user to run adhoc reports, just like they can from the nVision windows client. If changes have been made to the report request, and the user attempts to navigate to a different page (for example, using the Process Monitor link), they will be prompted to either save or discard the changes made to the report request.

Drilldown on Report Sent to File

When using http/https as the transfer protocol (in report node), there is an additional criterion that needs to be met to enable drill down from a report sent to file output. The security template of the parent report request should be set to specify which Users or Roles will have the authorization to be able to perform a web drilldown on the report.

If the Security Template is left blank, then only the user that ran the parent report will be able to perform a web drilldown on it. When using file output type, you can access the security template by going into the advanced tab of the report request, and clicking on the hyperlink Enter Delivery Template Options - View All.

PeopleSoft Process Scheduler

This section discusses changes to the PeopleSoft Process Scheduler.

Dirty Reads

A ScheduledQuery-DirtyRead option has been added to the configuration file. This setting indicates if dirty reads are enabled. Setting this to 1 enables the application server to read uncommitted data from a table.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Process Scheduler, Setting Parameters for the Application Engine Server

Development Tools

This section covers changes and updates to these PeopleSoft development tools:

- PeopleCode.
- PeopleSoft Application Designer.
- PeopleSoft Mobile Agent.
- Portal/Internet Technology.

PeopleCode

This section covers general updates made to classes, functions, methods, and the PeopleCode documentation.

- For the File Class, ReadRowset, considerations were added for using nested data. Also, the Open method (as well as the GetFile function) opens the file at the beginning of the file, rather than the end.
- For the Record class, the CopyFieldsTo method has a new parameter IsBatch.
- For the SyncServer class, there is a new method Notify.
- None of the attachment functions support SFTP or FTPS.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleCode API Reference

Enterprise PeopleTools 8.49 PeopleBook: PeopleCode Developer's Guide

Enterprise PeopleTools 8.49 PeopleBook: XML Publisher Language Reference

PeopleSoft Application Designer

This section covers changes to the Application Designer, including:

- Case-insensitive searching for definitions.

Case-Insensitive Searching for Definitions

A new option on the PeopleTools Options page enables you to provide case-insensitive searching for the PeopleSoft search records when searching for PeopleSoft definitions.

Note. This option is not associated with the Verity search technology.

See Also

Enterprise PeopleTools 8.49 PeopleBook: System and Server Administration, Using PeopleTools Utilities, Using Administration Utilities, PeopleTools Options

PeopleSoft Mobile Agent

A new parameter has been added to the psmobile.ini file for turning off HTTP 1.1 if necessary.

See Also

Enterprise PeopleTools 8.49 PeopleBook: PeopleSoft Mobile Agent

Portal/Internet Technology

This section discusses changes to the PeopleTools Portal technology.

See Also

Enterprise PeopleTools 8.49 PeopleBook: Internet Technology

Redirecting Pages with Sensitive Data

If you have a page that contains sensitive data, and you want to redirect the user to it, you should use the provided template `Homepage_Designer_Template`. For the content reference for the component, specify this as the template name. You should also use `PeopleCode` to redirect the user instead of using an HTML area on the page.

The following is an example of the type of `PeopleCode` that you could use:

```
&Res = SwitchUser(QE_SWITCHUSER.QE_SWITCH_USER,  
QE_SWITCHUSER.QE_SWITCH_USER_PWD,  
QE_SWITCHUSER.QE_SWITCHUSERAUTHT,  
QE_SWITCHUSER.QE_SWITCHUSERINFO);  
If (&Res = True) Then  
    Transfer( False, MenuName.PROCESSMONITOR, BarName."INQUIRE",  
ItemName."PROCESSMONITOR", Panel."PMN_PRCSLIST", "U");  
Else  
    QE_SWITCHUSER.QE_SWITCHRES = "N";  
    QE_SWITCHUSER.QE_PPCAUTHTOKEN = %AuthenticationToken;  
    QE_SWITCHUSER.QE_RESULTDOC = %ResultDocument;  
  
    Record.QE_SWITCH_SRCH.QE_CUR_USER.Value = %UserId;  
End-If;
```

Data Management

This section discusses the changes to data management, including:

- SYSAUDIT.
- Data Archive Manager.
- Using DB2 UDB for LUW.
- Oracle Database Locally Managed Tablespaces.
- Change Impact Analyzer.

SYSAUDIT

This section discusses four new, and six modified SYSAUDIT reports:

- The new PEOPLECODE-7, PEOPLECODE-8, and PEOPLECODE-9 reports were added to check for referential integrity among application package PeopleCode.
- The new RECORD-14 report was added to check for invalid PSRECFIELD.FIELDNUM entries.
- The new XMLP-11 report was added to check for file data not referenced by file definitions. The new XMLP-12 report was added to check for File definitions not referenced by File data. For both reports, the solution is to run the PSXPCLEAN Application Engine program to delete orphan file definitions.
- The QUERY-27 report was modified to identify the queries that reference query translate fields that have been incorrectly modified to a non-translate type.
- The OPSEC-28 security report was renamed to SEC-28.
- The SEC-30 report was modified to check for missing users in the PS_ROLEXLATOPR table.
- The AE-13 report was modified to include the solution.
- The AE-14 report was modified to include the solution.
- The SYSLANG-15 report was modified to correct the SQL in the solution.

See Also

Enterprise PeopleTools 8.49 PeopleBook: Data Management, Ensuring Data Integrity, Running SYSAUDIT

Data Archive Manager

Data Archive Manager now supports archiving of records with LONG, IMAGE, and ATTACHMENT columns.

See Also

Enterprise PeopleTools 8.49 PeopleBook: Data Management, Using PeopleSoft Data Archive Manager

Using DB2 UDB for LUW

Note these changes regarding DB2 UDB for LUW:

- EnableDBMonitoring is now supported for DB2 LUW.
- PeopleBooks now includes DB2 UDB for LUW trigger information
- PeopleSoft now supports DB2 for LUW release 9

See Also

Enterprise PeopleTools 8.49 PeopleBook: Data Management, Administering PeopleSoft Databases on DB2 UDB for Linux, UNIX, and Windows

Oracle Database Locally Managed Tablespaces

For applications built on PeopleTools 8.48, in the delivered application tablespace scripts, PeopleSoft changed the EXTENT MANAGEMENT back to LOCAL UNIFORM from AUTO ALLOCATE. This resulted in a considerable larger initial database footprint.

For applications built on PeopleTools 8.49, in the delivered application tablespace scripts, PeopleSoft changed the EXTENT MANAGEMENT back to AUTO ALLOCATE from LOCAL UNIFORM. This is a reverse from PeopleTools 8.48. This minimizes the initial database footprint.

See Also

Enterprise PeopleTools 8.49 PeopleBooks: Data Management, Administering PeopleSoft Databases on Oracle, Using Locally Managed Tablespaces

Change Impact Analyzer

The list of supported JDBC Drivers for Change Impact Analyzer now includes SQL Server 2005.

See Also

Enterprise PeopleTools 8.49 PeopleBook: Change Impact Analyzer

PeopleSoft Global Technology

This section covers changes and updates to the PeopleSoft Global Technology, including:

- Complying with the Energy Policy Act of 2005.
- Date Format.

Complying with the Energy Policy Act of 2005

As a result of the Energy Policy Act of 2005, Daylight Saving Time will start earlier and end later, beginning in 2007. In the US and Canada, Daylight Saving Time will start the second Sunday in March and end the first Sunday in November.

To comply with this change, you need to add two new Daylight Saving Time IDs, set your affected time zones to use the new Daylight Saving Time IDs, and regenerate your offset data. Depending on your business needs, you may also want to define new time zones and associate them with Daylight Saving Time IDs.

Separately, you should apply operating system patches according to your vendor's directions so that file system time stamps will also be in compliance.

See Also

GSC resolution 201027921 for additional information regarding Oracle | PeopleSoft Daylight Savings Time efforts.

Adding New Daylight Savings Time IDs

To add new Daylight Savings Time IDs:

1. Go to PeopleTools, Utilities, International, Time Zones, Daylight Savings.
2. Click the Add button and add the following information:

Option	Value
Daylight Savings Time ID	22ndSunMar
Absolute	Unchecked
Month	Mar
Day	2
Day of Week	Sunday
Hour	2
Minute	0
Description	Second Sunday in March, 2:00 AM

3. Click the Add button again and add the following information:

Option	Value
Daylight Savings Time ID	2FirstSunNov
Absolute	Unchecked
Month	Nov
Day	1
Day of Week	Sunday
Hour	2
Minute	0
Description	First Sunday in November 2:00 AM

- Click Save to save your changes.

Updating Affected Time Zones

To update affected time zones:

- Go to PeopleTools, Utilities, International, Time Zones, Time Zone Data, Daylight Savings.
- Choose the Daylight Saving Time Start and Daylight Saving Time End IDs for your affected time zones.

In the US and Canada, the affected time zones that PeopleTools delivers are the following:

- AKST Alaska Time (US)
- AST Atlantic Time (Canada)
- CST Central Time (US)
- EST Eastern Time (US)
- MST Mountain Time (US)
- NST Newfoundland Time (Canada)
- PST Pacific Time (US)

- Enter start and end dates for the time range to generate, for instance, 1/1/2007 to 1/1/2008, and click OK.

This updates the time zone offset table (PSTZOFFSET) to reflect the current time zone and DST definitions. This data can be re-generated as needed.

Note: To generate offsets earlier than 2007, set the time zone data accordingly first, then update the time zone data to the new values for offsets later than 2007. Do not generate offsets for a Start Date before 2007 and an End Date after 2007 in one run, since the offset data would only be correct for one time range or the other.

Defining New Time Zones

You may want to define new time zones. For instance, Canada has decided to follow the US standard, while Mexico has decided to stay with the older definition. This means that for several weeks each year, PST in Los Angeles will be different from PST in Tijuana. You can define a new time zone, such as PSTM (for PST Mexico) with the older

Daylight Saving Time ID, to distinguish it from the PST (for PST US and Canada) with the new Daylight Saving Time ID.

After defining your new time zones, run Generate Query Offsets again so that the offsets include the new time zones.

Deprecated Time Zones

Java updates for the United States Energy Policy Act of 2005 have deprecated these time zones:

- EST
- MST
- HST

Ensure that your operating systems are not configured to use these time zones. For most operating systems, checking the value of the 'TZ' environment variable should be sufficient.

For more information, see the following Sun bug IDs:

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6466476

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6466476

Note. The time zone settings for Java have no relationship to the PeopleSoft defined daylight saving time rules.

Date Format

Only one date format is supported per selected language.

PeopleBooks

With Enterprise PeopleTools 8.49, Oracle provides a new version of PeopleBooks.

Any updates or corrections to the Enterprise 8.49 PeopleBooks appear in the following document posted on Customer Connection: *Enterprise PeopleTools 8.49 PeopleBooks Known Issues and Corrections*.

You can access PeopleBook Enhancements on Customer Connection by selecting Support, Documentation, Documentation Updates and then in the "More Information" area on the right click "Documentation Updated by Release" and select "8.49".

PeopleSoft Internet Technology PeopleBook

Several sections have been updated with OAS information. The Creating Portlet Applications For Weblogic 8.1Deployment section has been replaced with a section on Creating Portlet Applications For Oracle Application Server Deployment.

Deprecated Documentation

Oracle | PeopleSoft no longer ships documentation for certain products used primarily in previous PeopleTools releases.

For Business Interlink documentation, refer to the PeopleTools 8.46 Business Interlinks PeopleBook posted on Customer Connection in the following location:

Support, Documentation, Documentation Updates, Enterprise, PeopleTools, Business Interlinks.

Known Issues and Resolutions

This section describes issues affecting PeopleTools 8.49 and, where applicable, a resolution.

Note. Many of these issues will be addressed in patches.

Oracle Database Configuration Wizard: Wide Character Message

If you are using the Database Configuration Wizard for an Oracle database running on the Solaris operating system, a 'wide character' message appears at the last install sequence.

For example:

```
Press 1 for Next, 2 for Previous, 3 to Cancel or 5 to Redisplay [1]
Installing Peoplesoft Database Configuration. Please wait...
wide character: 0x5f3b20
The ORACLE_SID Environment Variable has been updated to 'P849GUCD'
Executing createdb10.sql for Oracle
```

Ignore the 'wide character' message.

Oracle Application Server

This section discusses any known issues with the Oracle Application Server installation or configuration.

Using an Alternate OC4J

If you specify an alternate OC4J (other than "home"), you will not be able to access the Oracle Application Server Control unless you modify the opmn.xml file to reference that OC4J.

It is recommended that you use "home" for the default OC4J to host the Application Server Control. The PeopleSoft system relies on the "home" OC4J component to establish default routing information between OHS and OC4J components.

However, if you prefer to use a different OC4J to host the Application Server Control application, the following manual configuration needs to be done to access the Application Server Control after the PeopleSoft installation.

To modify opmn.xml to recognize alternate OC4J:

1. Open \$OAS_HOME/opmn/conf/opmn.xml file.
2. Stop the OAS Instance by running \$OAS_HOME/opmn/bin/opmnctl stopall.

- Identify the OC4J component specified (during installation) to host the Application Server Control application.
- Go to that OC4J component's section in the opmn.xml file and add a `<data id=` line to the `<category id="start-parameters">` section before the `</category>` line.

For example, if you entered OC4J "PSOAS" during the OAS installation, the modified sections should resemble the following:

```
<process-type id="PSOAS" module-id="OC4J" status="enabled">
  <module-data>
    <category id="start-parameters">
      <data id="java-options" value="-Xrs -server -
XX:MaxPermSize=128M -ms512M -mx1024M -XX:AppendRatio=3 -
Djava.security.policy=$ORACLE_HOME/j2ee/PSOAS/config/java2.policy
-Djava.awt.headless=true -Dhttp.webdir.enable=false" />
      <data id="routing-id" value="rid-home" />
    </category>
    <category id="stop-parameters">
      <data id="java-options" value="-
Djava.security.policy=$ORACLE_HOME/j2ee/PSOAS/config/java2.policy
-Djava.awt.headless=true -Dhttp.webdir.enable=false" />
    </category>
```

- Restart the OAS instance.

SunOne Proxy Servers

In some cases, the PeopleSoft style sheet is not loading properly when using a SunONE RPS for OAS when a PeopleSoft application is accessed using certain versions of the Microsoft Internet Explorer browser.

To resolve this issue, disable compression in the Web Profile.

Java Linker Considerations for SOAP Responses

In some cases with Integration Broker, SOAP responses may fail with Java linker related exceptions.

To resolve this issue:

- Stop OAS.


```
$ORACLE_HOME\opmn\bin\opmnctl stopall
```
- Remove the file `$ORACLE_HOME\j2ee\<component-name>\applications\<application-name>\PSIGW\WEB-INF\lib\xalan.jar`.
- Remove the file `$ORACLE_HOME\j2ee\<component-name>\applications\<application-name>\PSIGW\WEB-INF\lib\xerces.jar`.

4. Copy file `$ORACLE_HOME\j2ee\<component-name>\applications\<application-name>\PSIGW\WEB-INF\lib\xercesImpl.jar` to `$ORACLE_HOME\j2ee\<component-name>\applib` folder.
5. Copy file `$OAS_HOME\j2ee\<component-name>\applications\<application-name>\PSIGW\WEB-INF\lib\xml-apis.jar` to `$ORACLE_HOME\j2ee\<component-name>\applib` folder.
6. Remove files `xercesImpl.jar` & `xml-apis.jar` from `$ORACLE_HOME\j2ee\<component-name>\applications\<application-name>\PSIGW\WEB-INF\lib` folder.
7. Edit the `orion-web.xml` file.

Open `$ORACLE_HOME\j2ee\<component-name>\application-deployments\<application-name>\PSIGW\orion-web.xml` and remove the line:

```
<web-app-class-loader search-local-classes-first="true" />
```

8. Restart OAS.

```
$ORACLE_HOME\opmn\bin\opmnctl startall
```

Note. On a single server installation: `component-name` and `application-name` are the same. For example, 'PeopleSoft'. On multi-server installation, the `component-name` will be `PIA_<application-name>`. For example, `component-name=PIA_PeopleSoft`, `application-name=PeopleSoft`.

Setting Up Reverse Proxy Servers

When downloading the OracleAS Proxy Plug-in, note this updated documentation.

Previous

OracleAS Proxy Plug-in is available on the Oracle Application Server 10g Companion CD, which is included in your Oracle Application Server CD Pack.

Updated

OracleAS Proxy Plug-in is available on the Oracle Application Server 10g Companion CD that needs to be downloaded from 8.49 PeopleSoft Enterprise media pack from Oracle E-Delivery.

Multiple Domains

If the host is configured to have multiple domains, PeopleSoft can be accessed using the host name as set in the `ServerName` attribute of the `mod_oc4j.conf` file.

In order for PIA to work with a different domain suffix for the host, open `$ORACLE_HOME/Apache/Apache/conf/mod_oc4j.conf` and replace the `ServerName` attribute value such that the host will have a correct suffix for the domain name.

WebLogic

This section describes any known issues with BEA WebLogic installation or configuration.

Installation Considerations

- If \$BEA_HOME contains both WebLogic 8.1 and WebLogic 9.2, you need to backup \$BEA_HOME/license.bea manually prior to any reinstallation of WebLogic 8.1 you may perform. Then, restore this license.bea file after the reinstallation is completed. If you need to reinstall the later version of WebLogic (in this case, WebLogic 9.2), no backup of the license.bea file is required.
- After installing PeopleSoft on WebLogic 9.2, you need create new WebLogic domains with PT 8.49. The existing domains that were created with prior versions cannot be used with the new version. All scripts delivered by PeopleSoft, such as the start and stop scripts, are now delivered in the following directory PS_HOME\websevr\\bin, whereas in previous releases these scripts were delivered in the <domain> directly, as in PS_HOME\websevr\peoplesoft\.
- For multi-server installs on AIX, you need to edit the setEnv.sh file and update JAVA_OPTIONS_ADMINSERVER. Set JAVA_OPTIONS_ADMINSERVER to the same value set for JAVA_OPTIONS_AIX.
- On HP-Itanium, a blank page may appear when you access the WebLogic administration console. To resolve this issue, install JDK from HP (instead of the delivered JRE) and use this particular version of JDK when the PIA server is started. Edit setEnv.sh, and change JAVA_HOME and point it to the new JDK version installed.

Daylight Saving Time JDK Updates

To be compliant with the new Daylight Saving Time rules, the JDK version needs to be updated for WebLogic Server 9.2. The following table outlines the required JDK version for each of the supported platforms. Ensure that you at least apply the version listed below. Later versions can also be applied.

Operating System	JDK Version
Solaris	Sun JDK 1.5.0_06
Windows	Sun JDK 1.5.0_06
Linux	BEA JRockit 1.5.0_06 R26.3
AIX	IBM Java 5.0 SR1
HP-UX (PA-RISC & Itanium)	HP-UX JDK 5.0.3

Note. Consult the vendor to apply the most recent updates for Daylight Saving Time related changes.

Linux <muxer-class>

On Linux platform, a different muxer class is required. Perform the following steps after the PIA install is complete.

To modify <muxer-class>:

1. Backup <PS_HOME>\webserv\<piadomain>\config\config.xml before you make any changes.
2. Edit <PS_HOME>\webserv\<piadomain>\config\config.xml.
3. Find the following lines in config.xml:

```
<server>
  <name>PIA</name>
```

4. Add the following line after the element "<name>".

```
<muxer-class>weblogic.socket.PosixSocketMuxer</muxer-class>
```

5. Save the file and restart the server PIA.

WebSphere

This section describes any known issues with IBM WebSphere installation or configuration.

Applying Interim Fixes for WebSphere (IBM Update Installer)

In order to apply the interim fixes, the IBM Update Installer tool is required. The Update Installer is provided with the CD2 set of the WebSphere Application Server CD distribution. Once the Update Installer is installed, this can be used to apply the patches or fixes available from IBM for WebSphere 6.1.

To install Update Installer:

1. Insert CD2 into the CD-ROM drive.

Note. On Windows, the following error message pops up when the CD-ROM detects the CD automatically: "Access to the specified device, path, or file is denied". Ignore the message, click ok and continue the installation.

Note. On UNIX, when installing Update Installer, the installer can fail if there is not enough space in the /tmp directory. To resolve this, export TMPDIR to a valid directory where there is enough space and then run the installer again.

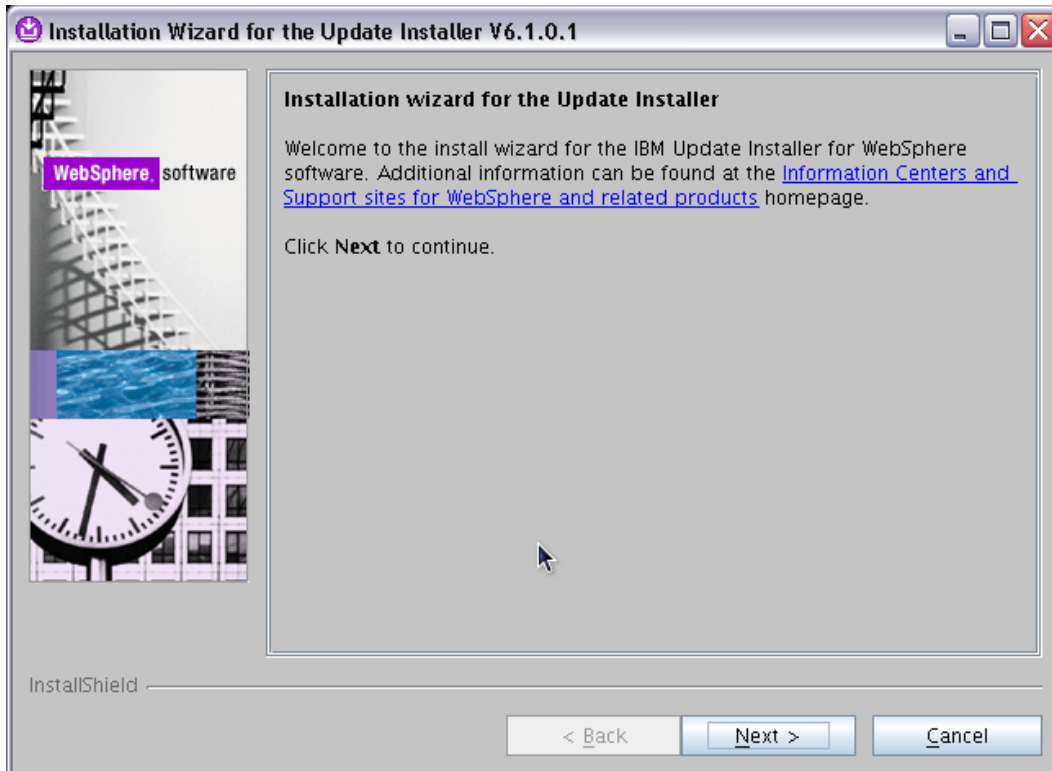
2. Change directory to UpdateInstaller.
3. On UNIX platforms, set the DISPLAY variable.

For example:

```
export DISPLAY=<machinename>:0.0
```

4. Run the install program:
 - **Windows:** Run install.exe
 - **UNIX:** Run ./install

The following wizard appears.



Installation Wizard for the Update Installer

5. Proceed through the wizard.

- Accept the license.
- Ensure the installer program passes the system prerequisite check.
- Select the location where you want to install Update Installer, and click Next and continue the installation.

MIME Types

In some cases, WebSphere default MIME types may not include certain MIME types, such as 'gif'. In these cases the type may not be specified at all, or it may be specified in all lower-case letters, not upper-case letters. In the case of GIF MIME types, PeopleSoft expects 'GIF', not 'gif'.

The warning message you will see in log files is: "Content type not set because mime type not found for <URI>."

For example:

```
Content type not set because mime type not found for
/cs/t849u11x/cache/PT_DATE_TITLE_S0_1.GIF
```

If you find that MIME types are missing or not defined correctly, you can add MIME types manually.

To add MIME types:

1. Open WebSphere Application Server Console.
2. Select *Environment, Virtual Hosts, <default_host>, MIME Types*.
3. Click **New** to add a new MIME Type.
4. In the **New MIME Type** window, enter the MIME type information.
5. Click **Apply** and **OK**.
6. Click **Save**, and in the **Save to Master Configuration** window, click **Save**.

Application Designer: Change Packager

After completing a full CD install, creating a Change Package in Application Designer may cause a Java Exception. If this occurs, in the PS_HOME\class folder, make a copy of xalan_2_7_0.jar and rename it xalan.jar.

BusinessObjects Enterprise

This section discusses any known issues with the installation and configuration of BusinessObjects Enterprise.

BusinessObjects Enterprise on Solaris

When installing BusinessObjects Enterprise on Solaris, the following message may appear.

```
*****
SunOS: Your system is missing required components:
*****
Missing package: CE-unsup (BusinessObjects Enterprise is only
supported on Solaris 8 and 9.)
If you continue your installation may not work correctly.
Please press Enter to continue...
```

If your operating system is not at the required patch level or has latest patches, then a warning message will appear at the beginning of the installation. Apply required patches (if necessary) and continue installation.

BusinessObjects Enterprise with BEA WebLogic for UNIX

This section describes known issues with the installation and configuration of Business Objects Enterprise running with a BEA WebLogic web server on UNIX (Solaris, Linux, AIX, HP-UX).

32-Bit JDK

The installation of WebLogic 9.2 running BOE only works with JDK 1.5 32-bit.

Adding JAVA_OPTION (AIX)

On the AIX operating system, before you start the WebLogic domain, the following JAVA_OPTION should be added to startWebLogic.sh:

```
-Dcom.sun.xml.namespace.QName.useCompatibleSerialVersionUID=1.0
```

env.sh

On AIX, do not run \$boehome/bobje/setup/env.sh before install weblogic.sh, and before you start the WebLogic domain.

Environment Variables in startWebLogic.sh

In the startWebLogic.sh, you need to export these environment variables:

- CLASSPATH
- PATH
- LD_LIBRARY_PATH (on Solaris and Linux)
- LIBPATH (on AIX)
- SHLIB_PATH (on HPUX)

BusinessObjects Enterprise Environment Variables for HP-UNIX

If running Business Objects Enterprise on HP-UNIX, you need to set environment variables for the profile of the user logging into the system.

Library Path

The library search path (LD_LIBRARY_PATH on Solaris and Linux, LIBPATH on AIX, and SHLIB_PATH on HPUX) must include the lib32 directory of your database client installation.

PATH

The search path must include the bin directory of your Oracle client installation.

If you are using Oracle Using as BOE database:

- ORACLE_HOME
This variable contains the path to the root directory of your Oracle client installation (one level above the Oracle bin and lib directories).
- ORACLE_SID
This ORACLE_SID specified in the tnsnames.ora file.

If you are using DB2 as BOE database:

- DB2INSTANCE
This variable defines the current DB2 database instance.

- INSTHOME

This variable contains the path to the root directory of your DB2 client installation.

- DB2DIR

This variable contains the path to the root directory of your DB2 installation (one level above the DB2 bin and lib directories).

If you are using Sybase as BOE database:

- SYBASE

This variable contains the path to the root directory of your Sybase client installation (one level above the SYBASE_OCS version directory).

- SYBASE_OCS

This variable contains the name of the Sybase version directory (one level above the Sybase bin and lib directories).

Excel: Request for Digital Certificates in PIA

In some cases, users have been prompted to choose a digital certificate while saving Excel files in PIA on Windows XP systems.

During Save As operation, Microsoft Office products communicate with the web server in case the user wants to save on the web server. In this environment, this is causing a certificate request popup. Generally, for the problem description of "no certificates in the popup window" it's because there are no client side certificates installed in the Personal certificate store, but there are certificates installed on the machine for other products. When the Microsoft Office product needs a certificate to check with a web server, then it requests a certificate. There are certificates, but no obvious certificate, thus the prompt to select a certificate.

To resolve this issue you need to modify the registry to force Excel to open the file locally so that it does not attempt to access the web server.

To resolve this issue:

1. Select start, Run and type regedit and click OK.
2. Navigate to the following registry entry:
HKEY_Current_Users\Software\Microsoft\Office\10.0\Excel\Options
3. Add a DWORD value with a name of *AlwaysSaveToCurrentPath* and value of *1*.
4. Close the registry window.

Document Update History

Date	Event
April 25, 2007	Posted document for Enterprise PeopleTools 8.49 general availability.
April 27, 2007	Added minor updates and clarifications to World Class Infrastructure, WebLogic Upgrade, and Known Issues sections.
August 2, 2007	Added update describing the solution to users getting a prompt to choose a digital certificate while saving Excel files on Windows XP systems.
October 10, 2007	Added updated regarding PSDBSRV setting service timeout values to zero.
November 20, 2007	<ul style="list-style-type: none"> • In the World Class Infrastructure section, added additional links to support content on Customer Connection. • In the Known Issues section added updates for OAS regarding using an alternate OC4J and resolving style sheet loading issues for IE.
January 7, 2008	Added note regarding PeopleSoft style sheet issues when using a SunONE proxy server with OAS, and a note regarding working with multiple domains on OAS.
July 25, 2008	Added to the Known Issues section information regarding the backup of the license.bea file when BEA_Home contains both WebLogic 8.1 and 9.2.
August 27, 2008	Removed note about descending order button in Application Designer.
April 14, 2009	Added information related to WebLogic Session Cookie name change.
June 3, 2009	Added Mobile technology and Mobile Agent deprecation notice, effective June 5, 2009.