PeopleTools 8.15 Release Notes

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PeopleBooks Contributors: PeopleTools Product Documentation and Development.

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About These Release Notes

Version 04: 10/01/2001

Edit History

PeopleTools 8.15 is a maintenance release that includes a variety of enhancements and resolves several minor issues found in PeopleTools 8.14. We refer to this kind of maintenance release as a "PeopleTools Only" upgrade, which means your PeopleSoft applications will not be affected.

Important! If you skipped any maintenance releases, we recommend that you download the Release Notes corresponding to the release(s) you skipped. For instance, if you're installing the PeopleTools 8.15 update but skipped PeopleTools 8.14, you should download and review the Release Notes for PeopleTools 8.14. Do this to make sure that you are aware of the previous changes and new features. Most importantly, when upgrading to a new maintenance release, be sure to check the PeopleSoft Platforms database on Customer Connection for any new support details.

This is a "living" document to which we add updates and corrections as needed to support our maintenance releases in a dynamic manner by giving you the most current information. We suggest that you check the Continuous Documentation site regularly to see if there have been any updates added to this document. When this document has been updated, a new version number and date will appear at the top of the document. Click the Edit History link to keep track of the changes we've made to the document. The Edit History link only appears after the document has been modified from its original form.

The Release Notes contain:

- Upgrade Instructions for upgrading from PeopleTools 8.1x to PeopleTools 8.15.

- Information on a wide range of New Features and instructions for implementing particular fixes.

- A summary of customer-reported Resolved Incidents in PeopleTools release 8.15.

Upgrade Instructions

The upgrade instructions for this release include instructions for updating your database, and instructions for upgrading your server.

Important! You **must** upgrade your database. You cannot login to your database with PeopleTools 8.15 without first performing this upgrade.

Note. If you are installing this version of PeopleTools without having first installed PeopleTools 8.1x, use the PeopleTools product CD-ROM as part of the standard installation process described in your *PeopleSoft Installation and Administration* book.

Warning! Never install new PeopleBooks over an existing PeopleBooks web site! Instead, PeopleSoft recommends moving the existing web site into a new directory and then installing into the old (empty) directory. This will minimize the amount of reconfiguration required to enable the new installation.

- **If you have existing PeopleBooks content** that you want to move into the new installation (for example, translated PeopleBooks), refer to the document "Managing the PeopleSoft Online Library and PeopleBooks" on Customer Connection (Library, Documentation, Documentation Updates by Category, PeopleSoft 8 PeopleBooks, All Product Lines).

- **If you are installing PeopleTools/PeopleBooks for the first time**, see the PeopleTools Installation and Administration Guide for your database platform.

Database Upgrade Instructions

These upgrade instructions are provided to help you prepare for a "PeopleTools only" upgrade from 8.1x to 8.15.

Before you begin your PeopleTools upgrade you should know:

- **PeopleSoft 8 upgrades must be performed via the PeopleSoft Upgrade Assistant**. A template is required to perform this upgrade.

- **You are <u>required</u> to be on PeopleTools 8.11 (or a later version)** before you can perform the database upgrade to PeopleTools 8.15.

> **For more information** and complete instructions for the PeopleTools 8.1x to 8.15 PeopleTools-only upgrade, go to www.peoplesoft.com and navigate to the following location: Customer Connection (you will be prompted for a username and password), Library, Upgrade Documentation.

Server Upgrade Instructions

To upgrade your servers from PeopleTools 8.11 (or higher) to PeopleTools 8.15

1. Make sure you have the most current information *before* upgrading.

Often, customers do not begin the actual upgrade or install of a release until a week or even a month after receiving their PeopleSoft shipment. When such a delay occurs, you should always ensure that you are equipped with the most current information. Without the most current information you may risk missing an important update or announcement. To ensure that you have the most current information, complete the following tasks:

- **Have your *PeopleSoft Installation* book for your RDBMS nearby**. The Installation book contains useful information, which can help you with your upgrade process.

- **Download the most current version of the Release Notes for this PeopleTools version**. Compare the date that appears at the top of this document in the "version" line to the date that appears at the top of the Release Notes posted on Customer Connection. If the document posted on Customer Connection is a more recent version, then download it and use it for your upgrade. We strongly encourage you to read the entire document before beginning the upgrade process. It is important to be aware of any new support policies as well as any new features.

- **Refer to the PeopleSoft Platforms Database on Customer Connection to make sure your entire environment is still supported by PeopleSoft**. Check all categories that apply to your workstations, servers, third party software, and language preferences. Since new versions of database software and third party software are continually released, our support policies evolve to incorporate the newest releases. In some cases, when we move to support the most recent version of a particular product it means that we drop support for a previous version. In short, you should always make sure you are on a supported environment prior to beginning an upgrade.

  To find this information, go to www. peoplesoft.com and navigate to the following location: Customer Connection (you will be prompted for a username and password), Library. From Library you can access Documentation (where the Release Notes are posted) and PeopleSoft

Platforms (where the most current support information resides).

2. Shut down any application servers, web servers, and Process Scheduler servers.

Make sure that there are no "lingering" threads from any application server domains. Such threads can interfere with successfully installing new application server files. If there are any threads remaining after you shutdown the domains, you need to manually remove them.

3. If you have any customized configuration files (such as psappsrv.cfg, psconfig.sh, pspt, pscbl.mak, psrun.mak, and so on), copy them to another directory so that they are not overwritten during the upgrade process.

Configuration files are typically overwritten when you run PSTRANS.EXE.

Tip. You may want to print the old configuration files, so that you can easily refer to them in subsequent steps.

4. Backup your existing PeopleTools directories.

5. Install the PeopleTools 8.15 software to the file server from the PeopleTools CD-ROM.

Run SETUP.EXE, and install the software to the same directory where you installed the previous PeopleTools 8.1x software.

6. If you are installing PeopleTools in languages other than English, select PeopleTools Language Pack from the CD-ROM Installation.
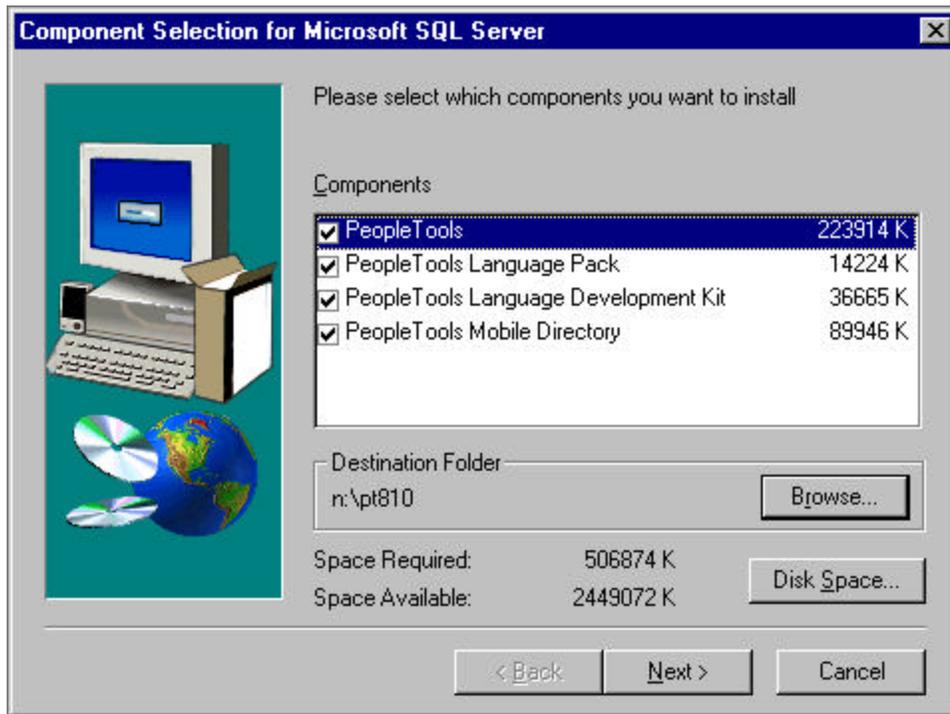
Component Selection Window

7. Transfer the PeopleTools 8.15 files from the file server to the application server.

Run PSTRANS.EXE to transfer the files.

Note. After transferring the files we suggest that you recompile the COBOL on the application server to incorporate any modifications delivered with the Remote Call programs.

8. Transfer files from the file server to the batch server.

- **UNIX, OS/390.** Run PSTRANS.EXE to transfer the files, then recompile and relink COBOL.

- **Windows NT.** Copy the Src\cbl directory manually, then recompile and relink COBOL. Afterwards copy the compiled files into the \cblbin. You also need to run PSTRANS for NT if you have a Batch Server on an NT machine that is not your file server.

Important! **PeopleTools 8.15 contains a COBOL copybook change**. If you are upgrading PeopleTools and you have PeopleSoft application COBOL modules, you **must** recompile all COBOL. Ensure that the following COBOL runtime files in your client and server bin directories match those of your NetExpress installation: cblints.dll, cblrtss.dll, cblvios.dll, and COB32API.DLL.

> **Note to Oracle Customers**: You do not need to regenerate the shared libraries with PeopleTools-Only upgrades.

9. **Transfer the PeopleSoft Internet Architecture (PIA) Files to the Web Server.**

    Use the Server Transfer program to transfer the appropriate PeopleSoft files to your web server. If you are unfamiliar with the Server Transfer program, refer to the *PeopleSoft Installation and Administration Guide* for your database platform.

> **Note**. Be sure to uninstall any previous PeopleSoft Internet Architecture installations on the web server. After you uninstall any previous PIA installations (and *before* you reinstall), reboot the server. This will ensure that any previous files are removed from the system.

10. **Recreate any application server domains.**

    A PeopleTools-Only upgrade may contain revised application server templates with new parameters. You will not be able benefit from the new parameters if you do not recreate the domain(s). Use the appropriate PSADMIN template (small, medium, or large), and specify the values contained in your previous PSAPPSRV.CFG file so that you can retain your tuned variables. If you have not tuned the domain, keep the defaults.

11. **Setup the PeopleSoft Internet Architecture.**

> **Note.** Make sure you stop the server before doing the PeopleSoft Internet Architecture install or uninstall and, to be safe, reboot the machine between doing the uninstall and the reinstall.

- ▪ **UNIX and Windows NT**. Refer to the Installation and Administration Documentation for complete details.

12. **Boot your application servers, web servers, and Process Scheduler Servers.**

13. **Uninstall Upgrade Assistant on any workstation where it is installed (Control Panel > Add/Remove Programs). Reinstall Upgrade Assistant.**

> **Note.** After applying this minor release, the Help, About dialog box will show PeopleTools 8.15.

New Features

Following is a summary of the features in PeopleTools 8.15. We recommend that you add any new instructions to your PeopleSoft documentation and make it available to the individuals who are most likely to use the feature.

Platform Support News

Please make note of the following changes in PeopleSoft Platform Support.

Certification Update for Server Express

With the release of PeopleTools 8.15, PeopleSoft certification for Server Express has changed as follows:

- Tru64 5.1, Solaris and AIX customers are now required to use Server Express version 2.0.11.

- HP-UX11 customers are now required to use Server Express version 2.0.10.

As a reminder, HP-UX11**i** customers should continue to use Server Express 2.0.10.

Note.   We recommend that you refer to the PeopleSoft Platforms Database on Customer Connection to make sure your entire environment is still supported by PeopleSoft. Be sure to check all categories that apply to your workstations, servers, third party software, and language preferences.

Upgrade

You should be aware of the following information when upgrading from one release to another.

Migrated Images

When upgrading from one database to another some of your migrated images may not display in a browser. To remedy this situation, either run setup (which will clear the cache directory) or manually clear any cache files after the project is copied.

Administration Tools

Please make note of the following changes to Administration Tools.

PeopleSoft Internet Architecture

Web Server Support

Recently, PeopleSoft certified Planet Web Server (NES), Enterprise Edition v4.1 on Windows 2000 & NT for use with PeopleTools 8.15.

> **Note.** The iPlanet Web Server is supported *only* as an HTTP server. The WebLogic servlet engine is required to run the PeopleSoft Internet Architecture servlets.

Configuring the iPlanet web server for use with the PeopleSoft environment involves installing the BEA iPlanet Plug-In. The BEA iPlanet Plug-In, previously called Netscape Enterprise Server (NES), enables requests to be proxied from an iPlanet web server to a WebLogic Server. The WebLogic Server handles requests that require the dynamic functionality of the WebLogic built-in servlet engine.

> **For more information** on installing and configuring the iPlanet Plug-In for PeopleTools 8.15, refer to your *PeopleTools 8.15 Installation Guide*.

New JRE Version

The supported Java Runtime version for Windows NT/2000 is now 1.2.2_007.

Breadcrumb Navigation

When navigating through menus, the breadcrumbs at the top of the page indicate where the user is within the menu hierarchy. In previous releases, some customers had reported an issue involving breadcrumb navigation in PeopleSoft applications when accessed through a UNIX application server.

If the user was using a non-base language, at times the breadcrumbs reverted to the base language. In many databases English is base language. So a Spanish user might see the Spanish breadcrumbs revert to English.

With PeopleTools 8.15 this issue has been resolved.

PeopleSoft Mobile Directory

The PeopleSoft Mobile Directory is no longer available for use beginning with PeopleTools 8.15.

Application Server

To aid in trouble shooting application server issues, PeopleTools has added operating system information to the crash dump file and the APPSRV.LOG file. The operating system information appears in the PeopleTools release line of each file.

The following is a sample of the crash dump file:

```
PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0)
====================================================================

PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0)
C:\PT815B1.DBG\BIN\SERVER\WINX86\PSAPPSRV.exe crash dump at 2001-06-20
17.58.30.000000
PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0)
PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0) User PTDMO;
Database=DRL815B/MICROSFT;  ToolsRel=8.15 (WinX86);  AppServer=PSAPPSRV
PT81
PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0)
PSAPPSRV.1492 [06/20/01 17:58:30 GetCertificate](0) Exception
Code=c0000005; access violation (the memory at 0x00000064 could not be
written)
. . .
```

The following is a sample of the APPSRV.LOG file:

```
PSAPPSRV.1492 [06/20/01 17:58:00](0) PeopleTools Release 8.15 (WinX86)
starting
```

Note. Refer to your PeopleTools 8.14 PeopleBooks for information on the APPSRV.LOG file and the crash dump file.

SYSAUDIT

Auditing API Aware Process Definitions

PeopleTools has added a new audit to the SYSAUDIT report: PRCSSCHED - 04.

It flags any Process Definitions where the following Process Types are not specified as API Aware:

- Application Engine

- COBOL

- SQR

- Cube Builder

- nVision

- Crystal

- Database Agent

The following is a sample showing how the report for this audit appears.

```
(PRCSSCHED-04) Process Definitions (PS_PRCSDEFN) where the APIAWARE should be set to TRUE

Process Type                       Process Name
-------------------------------    ------------
Application Engine                 AEMINITEST
Application Engine                 AETESTPROG

      2 Total Rows
```

Sample SYSAUDIT Report

To resolve this issue, open the flagged Process Definitions and select the API Aware checkbox.

For more information on Process Scheduler definitions, refer to the PeopleTools 8.14 Process Scheduler PeopleBook.

Orphaned Application Engine Steps and Actions

PeopleTools now supplies a Data Mover script that deletes the orphaned Application Engine program steps and actions reported by the following SYSAUDIT audits:

- SYSAE-02

- SYSAE-06

- SYSAE-08

- SYSAE-09

- SYSAE-11

- SYSAE-12

The script is named SysAECleanUp.dms and is located in PS_HOME\scripts.

Running this script is optional. You first need to examine the audit reports to determine if the flagged orphaned steps and actions are no longer needed.

If you delete the orphaned actions and steps but later discover that you actually need them, you can recover the deleted definitions. To do so, use the generated DAT file. Notice that the first command in the script is "set output SysAECleanUp.dat".

PeopleSoft SQR

The version of PeopleSoft SQR shipped with PeopleTools 8.15 is PeopleSoft SQR 8.15. For more information on changes and updates, refer to the relnotes.txt file located in the following location: PS_HOME\Bin\Sqr. For installation instructions, refer to the *PeopleTools 8.15 Installation Guide* for your database platform.

Application Messaging

Please note the following new information and changes in Application Messaging.

Activating Application Messages at Installation

When installing a new PeopleSoft database, you need to consider which application message definitions should be activated for this database. The database is delivered with a number of predefined messages that provide important functionality in your PeopleSoft application. Some of these messages should always be active because their functionality is required at all times. For others, the decision of whether to activate them depends on your integration needs.

For more information about activating application messages, refer to the *PeopleSoft 8.15 Application Messaging Installation Addendum* on the PeopleSoft Customer Connection website.

Accessing the Gateway Servlets

In the Application Messaging PeopleBook chapter "Administering the Application Messaging Gateway," the URLs for accessing the gateway servlets are incorrect. The correct URLs follow.

- To test that the gateway servlet is running, enter the following URL into your web browser:

   <server_name>/servlets/gateway

- To access the configuration interface, enter the following URL into your web browser:

   <server_name>/servlets/gateway.administration

- To access the display-only interface, enter the following URL into your web browser:

   <server_name>/servlets/gateway.handlers

MQSeries Integration

PeopleSoft Application Messaging now supports publishing to and subscribing from IBM's MQSeries messaging connectivity middleware. This requires you to own a copy of the MQSeries system, and be familiar with its operation. You also need to download and install the MQSeries Application Messaging Interface (AMI), available free on IBM's website.

PeopleSoft Publishing to MQSeries

- You configure the AMI with appropriate Policy and Service definitions.

- PeopleSoft provides a new message publication handler that you configure to target the MQSeries Broker server, along with subscription software that runs on the server to provide an interface with the AMI.

- You can decide whether messages should be sent with PeopleSoft headers, and whether the message data should be compressed and encoded, depending on the needs of the recipient.

- In other respects, you publish your messages in the same way as any other PeopleSoft application messages, and MQSeries subscribes to them in the normal manner.

MQSeries Publishing to PeopleSoft

- You configure the AMI with appropriate Policy and Service definitions.

- PeopleSoft provides a messaging posting utility that you configure to retrieve messages from the AMI and post them to the PeopleSoft application messaging gateway.

- When MQSeries is ready to publish messages to PeopleSoft, you launch the posting utility, or configure MQSeries to trigger the utility. Once messages are posted to the gateway, your PeopleSoft application subscribes to them in the normal manner.

Messages published from MQSeries to PeopleSoft must be formatted with the standard PeopleSoft header information. The message data may optionally be compressed and Base64 encoded.

For more information about MQSeries integration, refer to the PeopleSoft 8.15 Application Messaging PeopleBooks enhancement on the PeopleSoft Customer Connection website.

Component Interface

The following information describes the changes to Component Interface with PeopleTools 8.15.

Naming Conventions for Properties

Do not use Component Interface properties that resolve to the same name. For example, the set and get functions that are generated for the properties RTE_CNTL_TYPE1 and RTE_CNTL_TYPE_1 will both be:

```
public String getRteCntlType1()

public void setRteCntlType1(String inRteCntlType1)
```

This will result in a compile error. To avoid the error, name the properties so that they will not resolve to the same name.

Naming Conventions for Custom Methods

When you create custom methods for a Component Interface, do not start the names of custom methods with set or get.

A function to get the value for a property, and another function to set the value, are created by the Build APIs for the Java process. For example, if the property is RTE_CNTL_TYPE_1, then the functions will be the following:

```
public String getRteCntlType1()

public void setRteCntlType1(String inRteCntlType1)
```

To avoid conflicting with these generated names, do not start your custom method names with set or get.

Using Component Interface in a Loop

When you call a Component Interface in a loop, call GetCompIntfc() and GetComponent() methods outside the loop. These methods should be performed only once.

PeopleSoft Component Interfaces: Documentation Update

The following information is a documentation update to your PeopleTools 8.14 PeopleBook, *PeopleSoft Component Interfaces.*

In the section Using the C++ CI Tester, the graphic labeled CI tester — C++ version should be replaced with the following:
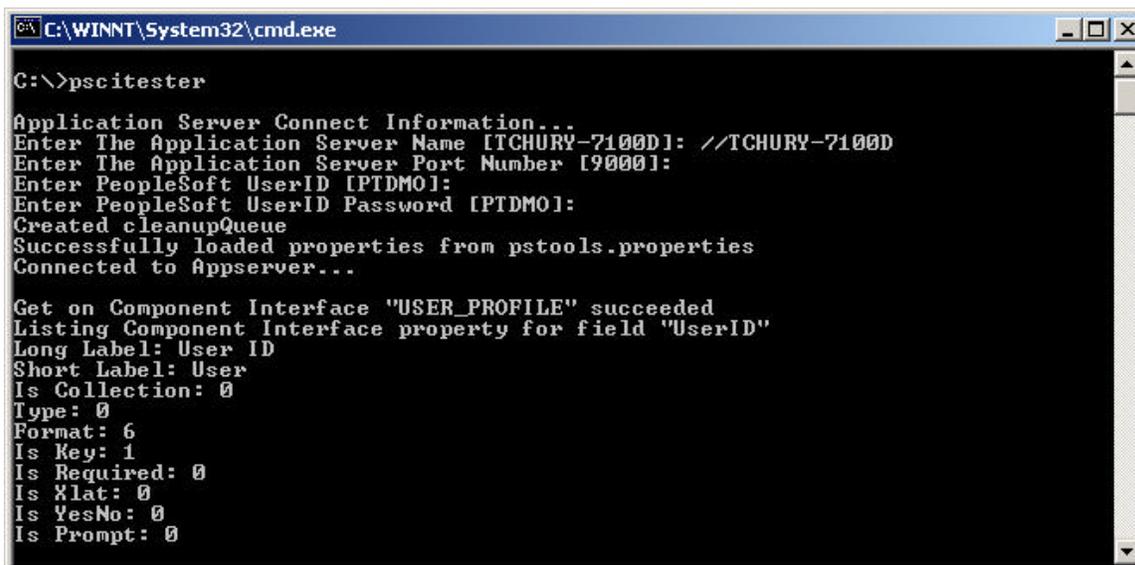
CI tester — C++ version

In the section Using the C++ CI Sample, replace step 3 with the following:

3. At each prompt, type the appropriate value and press Enter.

    Enter The Application Server Name [//localmachinename]: (Application Server name)

    Enter The Application Port Number [9000]: (Application Server JSL port number)

    Enter PeopleSoft UserID [PTDMO]:

    Enter PeopleSoft UserID Password [PTDMO]:

In the section Using the ASP CI Tester, replace the graphic labeled CI tester — ASP version and ASP confirmation message with the following:

CI tester — ASP version
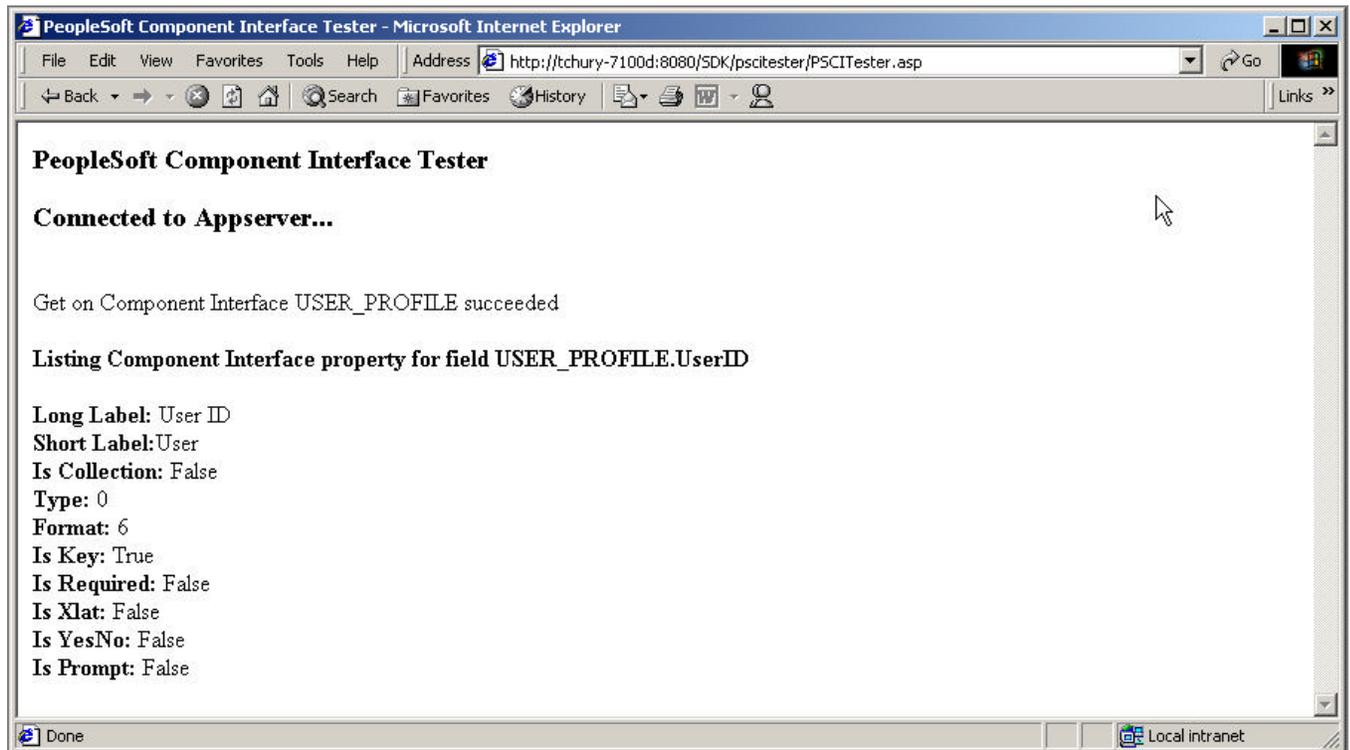
ASP confirmation message

Development Tools

Please make note of the following change to PeopleSoft Application Designer.

Application Designer

Record Definitions

This change relates to auditing field updates using PSAUDIT as described in the Application Designer PeopleBook. In previous releases, the maximum size allowed for the keys or the audited field was 50 characters. With PeopleTools 8.15, this maximum size has been increased to 65 characters.

Application Engine

%TruncateTable

The common syntax for %TruncateTable is %TruncateTable(*table name*).   However, if you want to use a record name as the argument instead of table name, you will have to include a %Table () meta-SQL function to resolve the unspecified table name. For example, to specify the record PO_WEEK as the argument, use the following statement:

%TruncateTable(%Table(PO_WEEK)).

Workflow

SendMail/Business Process

You can specify a FROM field in Workflow E-mail routing. Select FROM from the drop-down list of Map Field values; then, enter a valid email address for Value.

Globalization

PeopleTools 8.15 brings numerous enhancements to the PeopleSoft Globalization technology.

We are proud to announce the addition of two new languages, Traditional Chinese and Swedish. With the addition of these two languages, we now ship PeopleTools pre-translated in a total of 11 languages, and continue to support well over 100 languages with the use of Unicode.

We have also added several new translation pages to the Translate Utilities.

With the introduction of PeopleTools 8.15 we have extended support of URLs to include non-ASCII characters.

For Japanese customers we have increased Browser capabilities and added support for search using a new Verity version.

New Translation Pages

New translation pages:

- Translate App Engine Programs

- Translate Business Interfaces

- Translate Components Interfaces

- Translate Components -

- Translate Message Channels

- Translate Message Definitions

- Translate Portal Objects

- Translate Process Definitions

Components:

```
TRANSLATE_AEAPPL
TRANSLATE_BUSINTLK
TRANSLATE_CMPINTFC
TRANSLATE_COMPNENT
TRANSLATE_MSGCHNL
TRANSLATE_MSGDEFN
TRANSLATE_PORTAL
TRANSLATE_PRCSDEFN
```

Note. TRANSLATE_PNLGROUPS has been deleted and has been replaced by TRANSLATE_COMPNENT.

Remember that Security needs to be turned on for these new pages.

To turn on Security:

1. Go, PeopleTools, Maintain Security, Use, Permission List, Pages, Update/Display,

2. Select *ALLPANLS*, Menu Translate,

3. Edit Components,

4. Click *Select All* button,

5. Click OK,

6. Then save the page.

URLs Available in Non-ASCII Characters

Using UTF-8 encoded hex, and following the W3C URL encoding specifications, PeopleTools 8.15 now supports non-ASCII characters in our URLs for PeopleSoft Internet Architecture and PeopleSoft Portal.

In this example a Japanese character will be encoded in UTF-8 first, then converted to the hexadecimal %xy format, since it can't be placed directly in the URL.

順序 has a UTF-8 value E9 A0 86 E5 BA 8F, in the URL, the parameter should be **%E9%A0%86%E5%BA%8F.**

PeopleCode has URLEncode() function to encode URL strings like this.

Browser Availability for Japanese Customers

Netscape 6 is in "limited support" status for Japanese customers only. This is due to the lack of support in PeopleTools for Netscape 4.7 in Japanese.

PeopleSoft continues to recommend IE 5.X for power users, but will support Netscape 6 for Japanese users on a limited basis.

See updated Browser Limitations doc on Customer Connection.

Japanese Search Support Capabilities

PeopleSoft customers in Asian countries will receive Verity 2.71 on the PeopleTools Auxiliary 1.06 CD. Verity 2.71 supports Japanese search capabilities for PeopleSoft 8 CRM and the PeopleSoft Portal.

If your business is not located in an Asian country but you require Japanese search capabilities for PeopleSoft 8 CRM and/or the PeopleSoft Portal, please contact PeopleSoft Customer Care with your request. To locate Customer Care in your region, navigate to Customer Connection and select Contact Us, then Customer Care Directory.

PeopleCode Reference Enhancements

PeopleTools 8.15 brings enhancements to the PeopleCode language. New meta-SQL has been added, as well as new class properties, methods, and a new optional parameter for SendMail. Also, the Query API has been expanded to include prompts.

For more information and complete documentation for Query API, go to www.peoplesoft.com and navigate to the following location: Customer Connection (you'll be prompted for a username and password), Library, Documentation, Release, 8.15.

New Meta-SQL and Meta-SQL Enhancements

The following are the improvements to existing Meta-SQL statements:

- You can now nest up to 10 %SQL statements.

- The %TruncateTable meta-SQL statement now issues an implicit COMMIT after executing for *all*

platforms. If you want to postpone the commit until subsequent database updates have been successfully completed, use the SQL statement 'DELETE FROM *table_name*' or 'IMPORT REPLACE WITH NULL' instead of %TruncateTable(*table_name*).The advantage of using %TruncateTable is that its execution is faster than either of these. %TruncateTable is often used for removing rows from a work table or a temporary table.

- %OPRCLAUSE translates to either OprId or OprClass, depending on what is in the view.

In addition, a new meta-SQL statement, %NoUppercase, was added.

The following is the full text of the %OPRCLAUSE and %NoUppercase meta-SQL.

%OPRCLAUSE

The %OPRCLAUSE metastring is used in the viewtext of dynamic views. In PeopleTools 6 the %OPRCLAUSE metastring expanded in the following manner:

```
SELECT EMPLID, ABSENCE_TYPE, oprid
FROM PS_ABSENCE_HIST
WHERE %OPRCLAUSE


SELECT EMPLID,  ABSENCE_TYPE,  OPRID  FROM PS_ABSENCE_HIST WHERE (
OPRCLASS ='HRADMIN') AND (EMPLID='8001' AND ABSENCE_TYPE='CNF') ORDER BY
EMPLID, ABSENCE_TYPE
```

In PeopleTools 7, to support the new concept of a specific "Row Level Security Class", this metastring also fills in the WHERE clause with the value from PSOPRDEFN.ROWSECCLASS.

%OPRCLAUSE must be either all upper case or all lowercase. Mixed case isn't allowed.

%OPRCLAUSE translates to OprId or OprClass, following the same rules used for security on search dialogs.   If OPRID is in the view %OPRCLAUSE expands to OPRID = 'current operator'.   If OPCLASS is in the view %OPRCLAUSE expands to OPCLASS = 'current class'.

For example the following:

```
SELECT EMPLID, ABSENCE_TYPE, OPRID FROM PS_ABSENCE_HIST WHERE %OPRCLAUSE
AND (EMPLID='8001' AND ABSENCE_TYPE='CNF')
```

expands to:

```
SELECT EMPLID,  ABSENCE_TYPE,  OPRID  FROM PS_ABSENCE_HIST WHERE ( OPRID =
'PTDMO') AND (EMPLID='8001' AND ABSENCE_TYPE='CNF') ORDER BY EMPLID,
ABSENCE_TYPE
```

For example, the following:

```
SELECT EMPLID, ABSENCE_TYPE, OPRCLASS FROM PS_ABSENCE_HIST WHERE
%OPRCLAUSE AND (EMPLID='8001' AND ABSENCE_TYPE='CNF')
```

expands to:

```
SELECT EMPLID,  ABSENCE_TYPE,  OPRID  FROM PS_ABSENCE_HIST WHERE (
```

```
OPRCLASS = 'ALLPANLS') AND (EMPLID='8001' AND ABSENCE_TYPE='CNF') ORDER BY
EMPLID, ABSENCE_TYPE
```

%NoUppercase

Syntax

```
%NoUppercase
```

Description

When processing a SQL statement, the system automatically casts all fieldnames and possibly record names to uppercase when processing a sql statement. When processing records from a third party, fields that are lowercase get cast into uppercase, thus creating a runtime issue on case sensitive platforms.

To prevent this, use the %NoUppercase meta-SQL statement at the beginning of the SQL statement.

Parameters

None.

Note there are not parameters, as well as no parenthesis, for this meta-SQL.

Returns

None.

Example

```
%NoUppercase
INSERT INTO PS_RM_APP_ENG_LOG (MAP_ID
, RECNAME
, FIELDNAME
, MESSAGE_SET_NBR
, MESSAGE_NBR
, LANGUAGE_CD)
SELECT %Bind(MAP_ID)
, %Bind(RECNAME)
, ' '
,17834
, 1116
, %Bind(LANGUAGE_CD)
FROM PS_INSTALLATION
WHERE EXISTS (
SELECT 'X'
FROM SW_OPPORTUNITY SW_OPPORTUNITY
, SW_PERSON SW_PERSON
, SW_CUSTOMER SW_CUSTOMER
, SW_SALES_TEAM_VW SW_SALES_TEAM_VW
```

```
WHERE SW_OPPORTUNITY.SWCUSTOMERID = SW_CUSTOMER.SWCUSTOMERID
AND SW_OPPORTUNITY.SWSALESTEAMID = SW_SALES_TEAM_VW.SWPROVIDERGRPID
AND SW_SALES_TEAM_VW.SWPERSONID = SW_PERSON.SWPERSONID
GROUP BY SW_OPPORTUNITY.SwOpportunityId
HAVING COUNT(*) > 1)
```

New Property and Method

- The PSMessagesMode property was added to the Session class.

- The RefreshDescription method was added to the Tree Node class.

PSMessagesMode

This property is used to determine how messages are output. This property takes a numeric value. The default value is 1.

You must set this property before you check the type of message, that is, you can't check the type of message, then decide how it's displayed.

This property sets the value for the session. You can change modes during a session, such as, if you're starting a Component Interface. However, after you run the Component Interface, you should set the value back. For example:

```
&OldMode = &Session.PSMessageMode;
&Session.PSMessagesMode = 1;
...
&Session.PSMessagesMode = &OldMode;
```

The valid values are:

Value	Description
0	None
1	PSMessage Collection only (default)
2	Message box only
3	Both collection and message box

Note. If you set this property to 0, *all* messages are ignored. Only use this option with caution.

This property is read-write.

Example

```
Local ApiObject &SESSION;
&SESSION = %Session;
&MMODE = &SESSION.PSMessagesMode;
&SESSION.PSMessagesMode = 2;
```

RefreshDescription

Syntax

```
RefreshDescription()
```

Description

The **RefreshDescription** method enables you to add a node or change the description of the node and have the update be displayed immediately. If you don't use RefreshDescription, you must save the tree and reopen it for the change to be displayed.

Parameters

None.

Returns

A zero (0) if description is refreshed successfully, a different error number otherwise.

Example

```
If &result = 1 Then
    GetTreeAndSessionObj(&Session, &TreeMgrObj);
    &NodeObj =
&TreeMgrObj.findnode(&cSelectedNodeRec.GetField(Field.TREE_NODE).Value,
"");
    If All(&NodeObj) Then
          &NodeObj.refreshdescription();
    End-If;
End-If;
```

Enhancements to Find In. . . Functionality

You can now search for text strings in HTML definitions using the Find In. . .functionality. You can still specify whether to search the entire database or a specific project. However, the search is conducted against all HTML definition there, that is, the search checklist box is empty when you specify Text String in HTML.
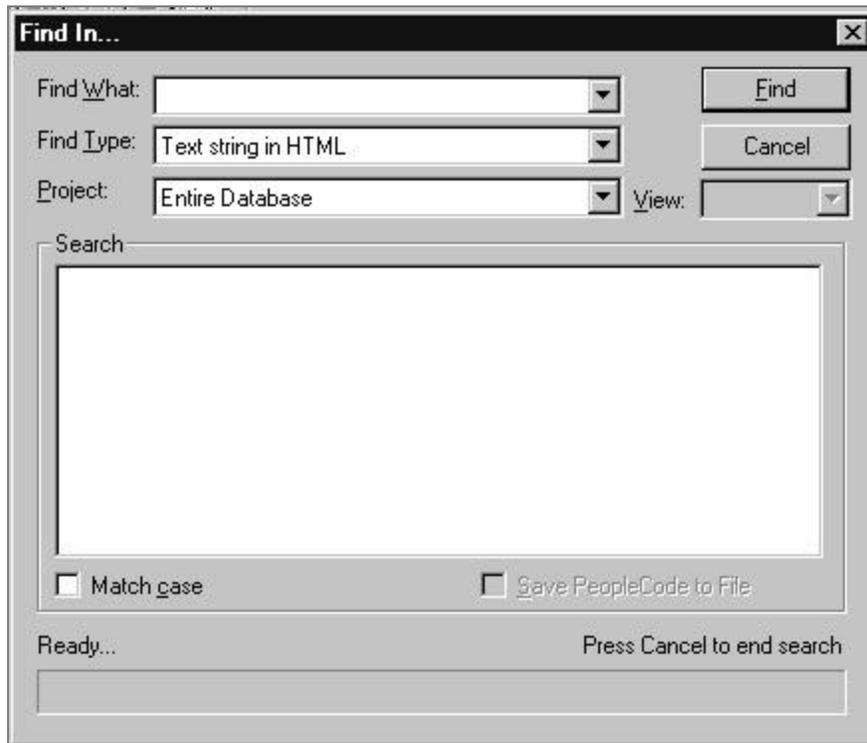
Find In. . .dialog box

Clarification on Attachment Functions

The description for the *LocalFile* parameter for both GetAttachment and PutAttachment functions has been updated as follows:

LocalFile	The name, and possible full path, to the destination file on the application server. This is where the file is transferred from. This parameter takes a string value.
	If you only specify a file name, the file is assumed to be in the directory specified by the **TMP** environment variable or the directory specified by *LocalDirEnvVar*. If the file is *not* in the **TMP** directory and you don't specify *LocalDirEnvVar* you must use the full path name as appropriate to the operating system (that is, on Unix use "\").

Enhancements and Changes to Built-in Functions

- The maximum number you can specify for GetNextNumber is 2147483647. If you specify a larger number than that, you'll receive an error message.

- The FileType parameter for the AddAttachment function is just a suggestion for the file extension type. The user may still type in a different extension. The value given for this parameter is *not* enforced.

- The MaxSize parameter for the AddAttachment function is actually measured in **kilobytes**, not bytes.

- A new optional parameter was added to SendMail, allowing the user to specify a 'reply-to' field.

SendMail

Syntax

```
SendMail(flags, recipients, CCs, BCCs, subject, text,
         [, attachment_filenames][, attachment_titles] [, sender])
```

Description

You can use **SendMail** to send an email message from a PeopleSoft page. The **SendMail** function supports VIM and MAPI email subsystems for two-tier architecture, and SMTP for three-tier. The APIs that support these subsystems must be present on the system for the function to work.

> **Note.** The code that actually calls **SendMail** determines the run location (two-tier or three-tier) *not* the originating code. For example, if an online page (two-tier) calls a Component Interface (three-tier) that calls SendMail, the program is running in three-tier, not two-tier mode. The only exception to this is if SendMail is used in a program running on the batch server (for example, if an Application Engine PeopleCode program used SendMail.) In a batch server environment, SendMail *always* uses SMTP.

The function sends a message using standard mail options, including recipient, CC, BCC, subject, and the text of the note. The message can include attached files, for which you supply fully qualified file names (that is, file names with paths) and titles (which appear in place of the fully qualified filename in the message). In addition, you can specify a *sender*, to be used as the 'reply-to' field.

The *flags* parameter of this function and its return codes are platform dependent: the values are different depending on whether the platform is using the VIM or MAPI mail API (the SMTP mail API ignores any additional flags.) For this reason, **SendMail** should be used only in customizations that run on a known platform, if it is used at all. The preferred, platform-independent method for sending email from PeopleCode is to define an email routing as part of a business event, then trigger the business event using TriggerBusinessEvent.

For more information, see TriggerBusinessEvent (Built-in Functions and Language Constructs chapter) in the PeopleCode Reference book, and the Defining Event Triggers section of the WorkFlow book.

Returns

Returns a Number value, which, if not one of the following general return codes, is platform-dependent.

General Return Codes

Return Code	Description
0	No Error
-1	No mail interface installed.

VIM Return Codes

Return Code	Description
0	SMISTS_SUCCESS
1	SMISTS_FAILURE
4	SMISTS_ATTACHMENT_NOT_FOUND
8	SMISTS_INSUFFICIENT_MEMORY
15	SMISTS_NAME_NOT_FOUND
16	SMISTS_NOT_SUPPORTED
22	SMISTS_OPEN_FAILURE
128	SMISTS_INVALID_ADDR_BOOK
129	SMISTS_TOO_MANY_FILES
130	SMISTS_TOO_MANY_RECIPIENTS
131	SMISTS_USER_CANCEL

MAPI Return Codes

Return Code	Description
1	MAPI_USER_ABORT
2	MAPI_E_FAILURE
3	MAPI_E_LOGIN_FAILURE
4	MAPI_E_DISK_FULL
5	MAPI_E_INSUFFICIENT_MEMORY

Return Code	Description
6	MAPI_E_ACCESS_DENIED
8	MAPI_E_TOO_MANY_SESSIONS
9	MAPI_E_TOO_MANY_FILES
10	MAPI_E_TOO_MANY_RECIPIENTS
11	MAPI_E_ATTACHMENT_NOT_FOUND
12	MAPI_E_ATTACHMENT_OPEN_FAILURE
13	MAPI_E_ATTACHMENT_WRITE_FAILURE
14	MAPI_E_UNKNOWN_RECIPIENT
15	MAPI_E_BAD_RECIPTYPE
16	MAPI_E_NO_MESSAGES
17	MAPI_E_INVALID_MESSAGE
18	MAPI_E_TEXT_TOO_LARGE
19	MAPI_E_INVALID_SESSION
20	MAPI_E_TYPE_NOT_SUPPORTED
21	MAPI_E_AMBIGUOUS_RECIPIENT
22	MAPI_E_MESSAGE_IN_USE
23	MAPI_E_NETWORK_FAILURE
24	MAPI_E_INVALID_EDITFIELDS
25	MAPI_E_INVALID_RECIPS
26	MAPI_E_NOT_SUPPORTED

Note. Additional VIM and MAPI error codes may be generated, depending on your email provider.

There are no special return codes for SMTP.

Parameters

flags

An integer value passed directly to the mail system API to control mail system options. The value passed in this parameter is platform-dependent. The SMTP mail API ignores this parameter.

The following values can be used with MAPI. You can combine different options by adding any of the following values and passing the sum. Pass zero to turn all of the options off.

Value	Description
1	Allows a logon interface if required.
2	Prevents Simple MAPI from using an existing shared session if one is present.
8	Displays a dialog box that allows the user to create or modify the message.

recipients	A string consisting of a semicolon-separated list of email addresses containing the names of the message's primary recipients.
CCs	A string consisting of a semicolon-separated list of email addresses that will be sent copies of the message.
BCCs	A string consisting of a semicolon-separated list of email addresses that will be sent copies of the message. These recipients won't appear on the message list.
subject	A string containing the text that will appear in the message's Subject field.
text	The text of the message.
attachment_filenames	A string consisting of a semicolon-separated list of fully qualified filenames, containing the complete path to the file and the filename itself.
attachment_titles	Another semicolon-separated list containing titles for each of the files provided in the *attachment_filenames* parameter. The titles will appear near the attachment icons in place of the fully qualified filename.
sender	A string used to populate the 'reply-to' field. If this field isn't used, the sender address from application server config file is used.

Example

The following example sets up several variables that are then used to construct an e-mail message that includes two attachments:

```
&MAIL_FLAGS = 0;
&MAIL_TO = "dduffield@peoplesoft.com;sweet_pea@peoplesoft.com";
&MAIL_CC = "";
&MAIL_BCC = "mom@aol.com";
&MAIL_SUBJECT = "Live long and prosper!";
&MAIL_TEXT = "Please read my attached CV.  You will be amazed and hire me
forthwith.";
&MAIL_FILES = "c:\mydocs\resume.doc;c:\mydocs\coverlet.doc";
&MAIL_TITLES = "My CV;READ ME";
&MAIL_SENDER = "MyEmail@Yahoo.com";
&RET = SendMail(&MAIL_FLAGS, &MAIL_TO, &MAIL_CC, &MAIL_BCC, &MAIL_SUBJECT,
&MAIL_TEXT, &MAIL_FILES, &MAIL_TITLES, &MAIL_SENDER);
if not (&RET = 0) then
   WinMessage("Return status from mail = " | &RET);
end-if;
```

Reporting Tools

In PeopleTools 8.15 several improvements and enhancements have been added to the Reporting Tools Suite. This section of the release notes will highlight those changes.

Crystal Reports for PeopleSoft

Permission to run Crystal Reports

Permission Problems

Failure of Process Scheduler to spawn a new process because of permission problems will no longer cause fatal SQL errors in the spawning process.

SQR

Packaging SQR

Packaging SQR with PeopleTools

SQR is now packaged with PeopleTools. No additional license keys are required:

- **SQR for NT** is installed with the normal PeopleTools installation to the %ps_home%\bin\sqrps directory.

- **SQR for UNIX** is on PeopleTools auxiliary CD

- **SQR for OS/390** is on PeopleTools CD1.

. Please see the installation instructions for more information.

Documentation Update: SQR for PeopleSoft Developer's Guide

Your PeopleTools 8.14 *SQR for PeopleSoft Developer's Guide* should be updated to reflect the following documentation changes:

- The section "What's new in 6.0" should be named "What's new in 8.1".

- In the section "What's new in 8.1", delete the subsections SQR Server 6.0 for DDO, Multiple Platform Support, Aggregation Functions for DDO-JDBC Datasources, and Multiple Datasource Connections.

PS/nVision

UNIX Report Repository

Spaces in Report Names

Previously, although PS/nVision reports were transferred to the UNIX Report Repository successfully, if the report name had a space in it, the URL link would not be generated correctly. Therefore, when you clicked on the report name link on the Report/Log Viewer page nothing happened. This issue has been fixed for a report name with a **single** space. Report names with multiple spaces will still experience problems.

DrillDown

DrillDown from Summary Ledger Reports

When initiating Drilldown from a summary ledger report viewed in a browser, PS/nVision displayed a dialog on the report server asking whether to drill within the summary ledger or drill to the corresponding detail ledger.

A temporary solution, suppressing the dialog and defaulting to "Translate Summary Ledger to Detail", was included with the PeopleTools 8.14 release.

PS/nVision now no longer displays the dialog when drilling down at the request of a web user. Customers can define the name "NvsTranslateLedger" in the DrillDown layout. PS/nVision reads this defined name at run time and if the value is "Y", Summary Ledger criteria will be translated into the corresponding Detail Ledger. If the value is "N" then DrilDown is performed within the Summary Ledger.

If the DrillDown layout does not specify the NvsTranslateLedger option, the default for the web client is to translate all summary ledgers to detail. If the user is interacting with the Windows/Excel client, PS/nVision continues to ask whether to drill within the summary ledger or drill to the corresponding detail ledger.

PS/nVision Defined Names

Defined names that can be changed.

The following warning message appears in the "Advanced PS/nVision Options" chapter, under the section describing PS/nVision defined names:

Warning! The values of these names, except for rare exceptions, are managed by PS/nVision and should not be changed by customers. It's much safer to think of them as read-only. You may change any value whose name is listed below in bold type, however, never change the value of names that are *not* highlighted in bold.

In the 8.14 version of the PeopleBook, none of the defined names listed were highlighted in bold type. The following are the defined names whose values can be changed by the customer:

Name	Sheet Type	Level	Values	Comments
NvsDateToNumber	Both	File	Y/N	Y = convert database dates (e.g, the %ASD% variable) to Excel's native date format. Default N.
NvsInstanceHook	Both	Sheet	Reference	Name/reference of macro to be run on completion of instance.
NvsDefaultDrill	Matrix	File	layout[,D]	In layout, specifies default DrillDown layout for NvsAutoDrill (usually associated with double-click). Appending ",D" to the layout name causes nVision to translate summary ledgers to detail for this layout, without asking the user. For example, NvsDefaultDrill might be defined as ="ActPer,D".
NvsTranslateLedger	Matrix	File	Y/N	Indicates whether the drilldown is within summary ledger (N) or detail ledger (Y).

Note. The defined name "NvsTranslateLedger" is new to PeopleTools 8.15.

PS/nVision XLS output to the Web

Resulting XLS in the Report Repository saved as Excel 5.0/95

Previously, when running a PS/nVision report to the web as XLS, the resulting XLS in the report repository was saved as Excel 5.0/95 rather than Excel 97or Excel 2000.

This problem has now been fixed and XLS files are saved using the current version of Excel on the report server.

nPlosion

nPlosion Fails if More Than Eight Levels to be Outlined

Previously, if nPlosion generated outline levels greater than 8 (the most Excel can outline), Excel generated an exception which caused nVision to give an "SCODE 0x80020009" error message and stop delivering the instance.

While we can't cause Excel to add more outline levels, we changed nVision to stop trying to add outline levels after level 8.

Reverse nVision (Message Agent)

Error is not returned in defined name NvsImportError

When the panel processor behind the PS/nVision message agent ran into an error, Reverse nVision (message agent) did not return a value in Excel defined name NvsImportError. This problem has now been fixed.

Report Requests

Report Requests – As of Date

In the report request page, if the As of Date was "today's date" it did not pass the current date (today's date) to the application. This problem has now been fixed.

Process Monitor

Status for Report Books

For PS/nVision report books, or scheduled requests producing multiple instances, the Process Monitor showed the status complete (SUCCESS) as soon as the first instance was generated. This status is now set only after the last instance of the last request has been generated.

In addition, PS/nVision no longer sets the "Posting" status in Process Monitor. Since instances are posted as they are produced it's not meaningful to flip between "Processing" and "Posting" for the duration of the process.

Process Server

Running Multiple PS/nVision Reports to a Single Process Server

Previously, when sending multiple nVision reports to a single process server, if any report was in the "Retrieving Amount" stage, new reports would not execute until the report retrieving amounts completed that stage of running. Once "Retrieving Amounts" had completed, other reports that had been submitted would execute. This issue has now been fixed.

PeopleSoft Query

Warning Message

Maximum Allowable Number of Rows

In Windows when a user runs a query that has more than the max allowable rows that is assigned to them in security they will get an error message. Previously, when they attempted to run the query in PIA, no message appeared, it just returns the max allowable rows. The following message now displays:
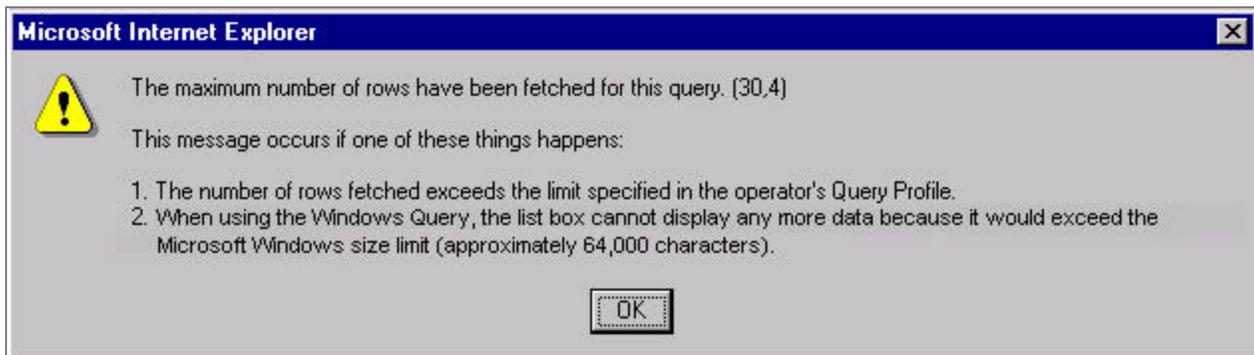
Expressions

Rules for using 'ORACLE HINTS' in the PS-QUERY.

Oracle hints can now be included in PS Query expressions using the following rules:

- Expression containing a hint must begin with **/*+**

- Expression can only contain one hint. For example, only one set of **/*+ */** is allowed

- Expression must contain complete hint. For example, it can't have only **/*+** or ***/**. Both must be in the same expression.

PeopleSoft Process Scheduler

Process Scheduler Requests

Run Controls

Previously, users were unable to save the output type, output format and output destination for each process type and process name for a run control. This has now been fixed.

Purge Process

Previously, the Process Scheduler purge process was deleting the jobs that were in a queued status. This problem has now been fixed by dividing the SQL into two sets. The first SQL will pick up all PSJobs that qualify for purging based on the last update time. The second SQL will pick up the output directory for each item in a JOB that needs to be deleted.

Process Monitor/Report Manager

Authorization to View Reports

Access verification has now been corrected to always allow the Process Monitor's Process Scheduler Administrator role and the Report Manager's Report Administrator role to view all reports.

Distribution Agent

UNIX Distribution Agent fails to transfer reports to NT Report Repository.

Previously, a failure occurred when a Process Scheduler started from a Unix O/S tried to transfer reports to an NT Report Repository. The function that generates the FTP script has been modified to use the correct delimiter when formulating the PUT command. The function was using the delimiter based on the Report Repository's O/S system when concatenating the directory with the file name. The delimiter should be based on O/S where Process Scheduler/Distribution Agent is running from (in this case Unix).

Permission Lists

Process Profile Permission List allowed override when no override was set.

Previously, if you unchecked 'Override Output Destination' and 'Override Server Parameters' on the Process Profile Permission List, you were still able to change the File Type and Format, select the desired Server from the list as well as the Time Zone you wanted the process to run in. Also, even though the Enable Recurrence Selection was NOT checked, it allowed the user to select a Recurrence from the drop down list. This has now been fixed. If the user does not have permission to override a setting, the option is grayed out.

Protocols for Transferring Executed Reports

Process Scheduler/OS390

OS390 customers should configure the Report Node Definition to use ftp as the transfer method. FTP is the only transfer method currently supported on the OS390 platform.

Report Node Definition using HTTP/HTTPS

The **URI Resource** must now include PIA Location. Enter the following:

```
Servlets/SchedulerTransfer/<PIA Location>
```

Transfer Method for Reports greater than 18MB

For reports greater than 18MB, we recommend that you use ftp as the transfer method.

The JCL Name Assigned to SQR Processes contain '??'.

JCLS files for the SQR process type running on UNIX through Process Scheduler were having wrong file names. The file names started with '??' instead of SQR. This has now been fixed.

PeopleSoft Tree Manager

Perform Audits

Tree Definition page - Perform Audits.

The user can now perform audits immediately after changing any audit process value. For example, allow duplicate detail values. Previously, you would need to close and re-open the Tree Definition page if any value was changed prior to performing an audit.

Tree Manager page – Perform Audits

The Tree Manager page now displays a "Last Audit" status for the selected tree. The status can be either **Valid Tree** or **Draft Tree**. If an error is found when an audit is performed, the status will automatically change to Draft Tree.

Tree Manager page - Display order changed for Save options

When a user selects the **Save** option, Tree Manager will automatically perform the audits selected on the Tree Definition page prior to saving the tree. If the selected tree is large with a lot of leaves, the audit can take a long time to complete and may timeout the Browser. The **Save Draft** option does not perform an audit prior to saving, and to expedite the process should be used as the primary saving choice when creating new trees. This is the main reason for changing the location of the **Save Draft** and **Save** options.

If you have not set any audit options on the Tree Definition page, you can use either the Save or the Save Draft option.

Note. If the Browser timed-out while saving or performing an audit, the tree will still be saved as the process occurred on the Application Server not the workstation.

If an error occurs during the audit, the audit error will display and the **Last Audit** status will change to **Draft Tree**. To save a draft tree, the user must use the **Save Draft** function. The audit error will display each time the user selects the **Save** option until the error is corrected.

Tree Manager page

Tree Manager

Business Unit Values beginning with a Zero

Previously, PeopleSoft Tree Manager was incorrectly passing a Business Unit key to application pages when the Business Unit started with a zero. This problem has now been fixed.

SYSAUDIT: TREE–21 Errors

If you receive TREE-21 errors after running SYSAUDIT, the resolution is to run the following SQL:

DELETE FROM PSTREESELCTL A WHERE NOT EXISTS (SELECT 'X' FROM PSTREEDEFN B WHERE B.SETID = A.SETID AND B.TREE_NAME = A.TREE_NAME AND B.EFFDT = A.EFFDT)

Resolved Incidents

The following table describes the **customer-reported** incidents that were fixed in this release. The table is sorted by product area so incidents affecting more than one product area may appear more than once.

Subproduct	GSC #	Report ID	Title	Resolution
Application Designer - General				
	1195317	T-PSCHWA-K32NT	You can unlock objects even if the objects are locked by different users.	Minor bug. Fixed.
	1272672	T-NMODI-KV5UL	Push button/ hyperlink problem on PIA page.	Changed the code to look at the Page Name rather than Page Item name if the transfer comes from the definition specified in the Page Designer.
Crystal Reports				
	1036689	T-ASANNA-RJ26J	Error:Illegal uncommitted SQL cursor detected. Close down all windows and reboot. (22,3) when end user don't have permission to run crystal, It holding up locks in DB2 environment.	Failure of Process Scheduler to spawn a new process (for example, because of permissions problems) will no longer cause fatal SQL errors in the spawning process.
Documentation – General				
	1138273	T-NWILSO-YW8HV	Documentation and delivered install script for installing Tuxedo for PeopleTools 8 is not correct	Script was modified so it now works as documented. (No doc change was required).
Globalization General				
	1221526	T-PUZAN-LQ6XZ	HRMS 8 SP 1multilanguages : Extremely low performance responses while navigating in French Language	PIA: Extremely low performance responses while navigating in nonbase Language
Import				
	1252537	T-ASANPE-UQ5AY	Import Manager: Cannot specify start and end position when clicking on the COMMENTS field of the GENL_COMMENTS table.	Long Char field handling has been implemented for Import Manager
nVision – General				

Subproduct	GSC #	Report ID	Title	Resolution
	1198752	T-LMADDI-ZZ4VL	nVision enhanced nPlosion fails if more than eight levels to be outlined	If nPlosion generated outline levels greater than 8 (the most Excel can outline), Excel generated an exception which caused nVision to give an "SCODE 0x80020009" error message and stop delivering the instance. While we can't cause Excel to add more outline levels, we changed nVision to stop trying to add outline levels after level 8.
	1249709	T-LMADDI-AJ22X	nVision Report Books show Success before the Report Book has completely run	For PS/nVision report books, or scheduled requests producing multiple instances, the Process Monitor showed the status complete (SUCCESS) as soon as the first instance was generated; this status is now set only after the last instance of the last request has been generated. In addition, PS/nVision no longer sets the "Posting" status in Process Monitor, since instances are posted as they are produced, and it's not meaningful to flip between "Processing" and "Posting" for the duration of the process.
nVision – RunTime				
	1185893	T-LMADDI-H949W	MG: Process scheduler/ nVision: Problem running multiple nVision reports at same time on process server	Fixed.
	1229260	T-LMADDI-3V2JY	MG NV: Reportbook Request pass bad date format	In the report request page, if the As of Date was "today's date" it did not pass the current date (today's date) to the application. This problem has now been fixed.

Subproduct	GSC #	Report ID	Title	Resolution
PanelProcessor				
	1134301	T-MCOWEN-BF4YL	PSIDE.EXE error when number of NATIONAL_ID stored formats reaches approximately 270	In Application Designer, under Tools->Miscellaneous Objects... Field Format will no longer crash if too many formats are added (i.e. 281 or more stored and/or displayed formats).
	1260485	T-NMODI-4879T	Getting strange results when using %OPRCLAUSE in SQL for a dynamic view.	%OPRCLAUSE should translate to OprId or OprClass, following the same rules used for security on search dialogs. If OPRID is in the view then %OPRCLAUSE expands to OPRID = 'current oper'. If OPCLASS is in the view then %OPRCLAUSE expands to OPCLASS = 'current class'.
PeopleCode – RunTime				
	890533	T-NMODY-687SG	Bug in GetNextNumber PeopleCode Function	The max long value is 2147483647. GetNextNumber() will now fail and report a math error if a max value greater than that is input.
PeopleTools General				
	1113973	T-SPATEL-2V67M	No scroll bar on long panels.	Pages displayed in CLIP mode in Windows Client that are too big for the display window will now have scrollbars on the frame to allow scrolling the rest of the page into view.
	1225415	T-JPELAY-V52RK	Inconsistencies with user security to application designer	Changes to App Designer so it functions properly.
	1190013	T-JJONG-3K59C	Configuration Manager - Import from File: Bombs out when >6 profiles	Changed the limit on the import/export file size to accommodate more profiles in the Configuration Manager.

Subproduct	GSC #	Report ID	Title	Resolution
	1235681	T-DCOLI-943XM	PIA: Cannot access to Navigator page from Internet Explorer 5 on Windows 95	This fixes a problem displaying the navigator panel on win 95 using IE 5.0. With this fix the panel now works correctly.
	1240434	T-SSAMPA-HG2BM	Using pscbl.mak - can't do wildcard compiles	fixed
	1240911	T-HLAM-L95DF	Upgrade assistant: Cannot save change in commit limit	in Public Sub RetrieveCompareCopySettings ForTask() added code to load saved commit limit
	1241609	T-LMADDI-XR5UV	MG: nVision XLS output to the web is saved as Excel 5.0/95 output	One of the arguments for the SaveAs method is file format. The format used was Excel95 and this is why the file was saved in Excel95. The foramt argument is optional and by default SaveAs method will save files using the current version of Excel.
	1241134	T-SPATEL-BN7NR	Can't clone an object without in application designer without first locking it	Check for bSaveAs flag is on, allow save as
	1251978	T-PSCHWA-AV5TP	Getting an error 'select list items in parameter list, but SQL has %2 select columns (2,124) running Sample Processes'	Problem fixed.
	1251986	T-SSAMPA-TH3CV	Process Scheduler deleting JOBS in queued status during purging	Fixed.
	1256932	T-SCHAND-EU2N9	PIA: After redirecting user to a specific page , PIA loses header info	go directly to a panel by using ?ICType=Panel... directly. This technique (by design) only produces the component and this default behavior should not be changed (ex. the portal depends on it).
	1263779	T-RHUTCH-TV6UE	ERP Only first 300 Route Control Profiles viewable in PIA.	change Grid Colum type to Edit Box from DropdownList in USER_RTE_CNTL page.

Subproduct	GSC #	Report ID	Title	Resolution
	1264867	T-SSAMPA-MK7HR	During Compilation, PSCBL.MAK is not deleting the .idy files from $PS_HOME/src/cbl	.idy files were retained in the $PS_HOME/src/cbl directory on the unix side. This change will ensure that all .idy files are removed from the Cobol Source directory.
	1193288	T-HLAM-2E28P	Field Compare Report gives invalid field format	Changed the EnumID in FieldGet.cpp map for eFormat field to use more descriptive FLDS_FIELDxxx strings.
	1263010	T-JPELAY-TU57A	When making a change to a delivered Activity (Calculate EM Eligibility) in Application Designer it kicks you out of the application designer.	Fixed.
	1247402	T-LNOFFS-WC86L	The alter table continues to run during an upgrade. It takes up to three minutes per table.	Changed the where clause in the SQL to use 'TBCREATOR' from SYSIBM.SYSINDEXES instead IXCREATOR from SYSIBM.SYSKEYS
	1265527	T-WHOELT-XQ3V9	Activity Step Numbers Are Reset to 0 when adding a manual process	Allow 0 for Step and Path in Step Dialog. if the diagram is created in confusing manner (i.e., unclear starting point or circular chain), leave the step and path numbers the way it was rather than clearing them out to 0
	1270660	T-HLAM-B88Q5	Sybase: Upgrade Assistant is not reporting errors for Sybase SQL scripts	in ErrorChecking procedure for SQL Scripts and SQL Commands, added code to check for an empty log and 'Message' for sybase.

Subproduct	GSC #	Report ID	Title	Resolution
	1263438	T-TLENZ-S88SR	Data Mover terminates with an out of memory error at the encrypt_password *; step.	While processing an encrypt_password *; command, DataMover runs out of memory if there are more than 45,000 operators in PSOPRDEFN. A change had been made so that DataMover now runs successfully when more than 3.5 million operators/users are present in PSOPRDEFN.
	1274556	T-SSAMPA-4T3AK	COBOL SQL Log file display a incorrect info	Error message displayed in COBOL log was incorrect when the character set value is not set corectly in the Process Scheduler Config file. It is now changed to produce meaningful error message.
	1279979	T-VMACHU-4T8BC	Upgrade from 7.0xto8SP1. Default record.field OPR_DEF_TBL_HR.SETID does not exist, field type default used. In the alter without delete process for tables with SETID field.	Return the correct status for RC = 0
	1262265	T-NMODI-WZ7RJ	Command Line Interface to upgrade project (portal) that contains Portal Structures causes a Dr. Watson	For 8.15, won't call DisplayUpgradeMessages() when bCommandLine flag is set.
	1232704	T-TLENZ-Z52D4	PIA Employee Self Service; W-4 Tax Information error when validating password if password is over 8 characters	The RevalidatePassword function only worked for passwords up to 8 characters in length. This is now been expanded to handle passwords up the proper limit of 32 characters.
	1246281	T-ACESAR-VR9BP	UBS Some activities in the business process are displayed in PIA only as a "broken picture" when using 30+ characters	Do not truncate activity name.

Subproduct	GSC #	Report ID	Title	Resolution
	1246283	T-ACESAR-EL96N	UBS: Incomplete Drawing in the Business Process Map in PIA	When converting an image to jpeg, the edge of the image is lost. Increase the size of image by 1 on each side, so it converts the whole image.
	1293655	T-LMADDI-NM2AW	MG: When an Accont with an value 'E' is used it nvision it is not giving the correct result.	If the value in a cell is 400E00 then Excel treat this as a numeric value and display the value in scientific notation. Adding a leading apostrophe will make the value as a label and display in the correct format.
	1311362	T-SSUBRA-NW4GA	Missing Scripts to Create tablespaces for HRMS E&G HPDDL.SQL	Fixed in 8.15 Install Guides.
	1303946	T-KREINE-8D3Q5	License code error when running AE LOADCACHE on PT 8.14	Added logic to skip load of unlicensed objects when in preload cache mode.
	1313846	T-RHUTCH-PX8A9	Activities won't save when using Outbound Forms.	Set proper routing type for Outbound Form in the base class.
	1314484	T-DCOLI-8353S	UA: REL814DBTSFIX fails with ORA-00955 "CREATE INDEX PSPSPNLGOUP: name is already used..."	Modified upgrade assistant to correct this problem.
	1323497	T-HRAMIR-4C2RV	PS_ROLEXLATOPR, PS_ROLEXATOPR , PS_RTE_CNT_RUSER Not copied during move to production	PS_RTE_CNTL_RUSER missing from MVPRDEXP.DMS script
	1326325	T-GSANKA-AG2U6	Problem Copying Projects - job definitions don't copy if they contain distribution or notification information.	Added close parentheses for insert statements for PS_PRCSJOBNOTIFY & PS_PRCSJOBCNTDIST
PIA – General				

Subproduct	GSC #	Report ID	Title	Resolution
		T-TLENZ-4E5PP	Permission Lists do not restrict users from seeing menus that they are not "Authorized" to see.	Verifed fixed in PT815; new PeopleCode was added.
Process Scheduler				
	1208256	T-SSAMPA-RL83X	Multiple Process Schedulers attempt to delete same Report Repository directories	Modified purge process for Process Scheduler Server to only have one of the server agent to perform archiving of the Report Repository by generating the script to delete directories from the Web Server.
Query – RunTime				
	1209003	T-RKUMAR-WQ47A	GL: PRCSNOTIFY_VW View is missing on recored DEPT_ACCESS_TBL. (PT see notes)	Fixed the problem: RCSNOTIFY_VW View is missing on recored DEPT_ACCESS_TBL.

Edit History

1.   08/31/2001   Original version of the PeopleTools 8.15 Release Notes.

2.   09/07/2001   Added T-TLENZ-4E5PP to table of resolved incidents. Fixed in this release.

3.   09/18/2001   Modified the section: Certification Update for Server Express. Added section on Upgrade/Migrated Images.

4.   10/01/2001   Modified Upgrade Instructions (Server Upgrade), step #8. Included information about COBOL copybook change.