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Introduction

Purpose of This Document

This document describes how each enhancement functions within the context of the greater business process. More information about all of our PeopleSoft Enterprise products can be found at http://www.oracle.com/applications/peoplesoft-enterprise.html

The new features and enhancements included in this release are grouped according to business process to better demonstrate how PeopleSoft solutions help you optimize your business processes. 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 include every feature that is discussed in this document, and a specific feature may be included in a different application or have a product name that is different from those cited in this document.

Intended Audience

This document was created for executives, EPM managers, training department managers, and training administrators for the evaluation and planning of a new purchase or an upgrade to PeopleSoft Enterprise Performance Management 9.1.

Related Resources

This section discusses publications that provide in-depth technical and functional information that is available at the time of publication. In many cases, the content in this document may have originated in the documents referenced below.

Release Value Proposition

The release value proposition provides more functional details than the statement of direction, identifies major enhancements, and articulates the expected business benefit. This document is designed to help you determine whether new product features warrant either upgrading from an old release or embarking on a new implementation. With this information, managers can initiate preliminary budget planning and begin putting together a project team to evaluate specific products.

<table>
<thead>
<tr>
<th>Resource</th>
<th>Navigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Value Proposition</td>
<td>My Oracle Support &gt; Knowledge – search for PeopleSoft Enterprise EPM 9.1 Release Value Proposition (Note ID: 1061949.1)</td>
</tr>
</tbody>
</table>

PreRelease Notes

Prerelease notes provide more functional and technical details than the release value proposition. This document describes how each enhancement functions within the context of the greater business process. This added level of detail should enable project teams to answer the following questions:
• What out-of-the-box functionality will change?
• What customizations may be affected?
• How will an upgrade or new implementation affect other systems?
• How will these changes affect the organization?

After the project team has reviewed and analyzed the prerelease notes, business decision makers should be in the position to determine whether to allocate budget and initiate implementation plans.

<table>
<thead>
<tr>
<th>PreRelease Notes</th>
<th>Navigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreRelease Notes</td>
<td>My Oracle Support &gt; Knowledge – search for PeopleSoft Enterprise EPM 9.1 PreRelease Notes (Note ID: 1072542.1)</td>
</tr>
</tbody>
</table>

**Release Notes**

Release notes are published at GA (general availability) 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.

<table>
<thead>
<tr>
<th>Release Notes</th>
<th>Navigation</th>
</tr>
</thead>
</table>

**Additional Resources**

Oracle offers many additional resources that will help your organization determine the effects of upgrading to this release. Visit the My Oracle Support website frequently to keep apprised of ongoing changes. Below is a list of the types of resources that are available on My Oracle Support:

• Upgrade paths
• Training opportunities
• Consulting readiness
• Business process maps
• Integration resources
• Data models
• Installation guides
• Upgrade guides
Executive Summary

To achieve competitive superiority in business, organizations must often balance the need to maintain predictable levels of productivity and continuity with the desire to extend or evolve existing business processes or to create new processes. These changes come from many sources: mergers and acquisitions, new partnerships, corporate reorganizations and expansions, changes in tax codes, new government regulations, and changes in corporate strategy, tactics or priorities.

Business operations and information technology now are inextricably linked. The ability to make effective changes to business processes is often dependent upon the flexibility and adaptability of an organization’s information technology. With most enterprises containing thousands of individual hardware and software components, there is an ever-increasing need for applications that can deliver both predictability and responsiveness to change.

For our customers, road maps represent continuity: an upgrade path from the release in production. The road map, grounded in extensive customer interactions as part of advisory boards, user groups, and direct customer contact with Oracle executives, provides visibility into the strategic direction of our solutions. Oracle’s PeopleSoft Enterprise Performance Management 9.1 solutions demonstrate our commitment to continuity and to maintaining customer investments.

The process of determining how to extend the value of your software investments can begin with understanding the logic behind our investment decisions at Oracle. Examining the business drivers that led to Oracle’s investments and then the areas in which we extended and added application capabilities will provide you the basis for making your own investment road map.
PeopleSoft Enterprise Performance Management 9.1 Release Notes

PeopleSoft EPM 9.1 represents Oracle's ongoing commitment to investing in our existing suite of applications, allowing customers to make choices that best fit their business needs. Enhanced functionality in PeopleSoft EPM 9.1 delivers on that commitment by increasing the value of your existing investment and providing more time to determine the upgrade strategy that makes sense for your organization.

Companies typically realize only 63% of the financial performance their strategies promise, according to a recent Harvard Business Review article. Yet, by closing the strategy-to-performance gap, most companies can increase performance anywhere from 60% to 100%.

How can you close that gap and drive your organization towards higher performance? With actionable, real-time information and insight to align corporate strategy with execution and continuously manage operational risk. In fact, new research shows that a successful Enterprise Performance Management (EPM) initiative can play a pivotal role in improving metrics that matter most to shareholders, such as gross margins and profitability.

A study released in 2005 by the Aberdeen Group found that companies that practiced best in class closed-loop EPM programs have higher earnings and greater stability of earnings. They also consistently outperformed their competitors across all industries and company sizes. In addition, recent research by Deloitte Consulting LLP indicates that companies with superior performance tracked both financial and non-financial metrics, looking beyond traditional financial metrics, such as gross margin and profitability, to non-financial, operational metrics, such as customer satisfaction, innovation, process quality, and employee turnover. These companies were more successful in growing shareholder value.

Companies of all sizes are looking to trusted partners such as Oracle to provide integrated performance management solutions that can help them deliver disciplined growth, shareholder value, and provide solid corporate governance. Oracle's PeopleSoft Enterprise Performance Management suite of applications enables organizations to achieve world-class performance by aligning the right information and resources to strategic objectives. Companies adopting PeopleSoft EPM benefit from a single, integrated approach to their performance management needs, from management and compliance reporting to performance metrics, to business planning and budgeting.

PeopleSoft EPM 9.1 builds upon the strengths of the suite and adds significant new features and functionality in the following areas:

- Enterprise Planning and Budgeting
- Packaged analytic content and reporting
- Usability improvements
- XBRL reporting
- Enhancements that are common to multiple applications
- Enhanced product information
Enterprise Planning and Budgeting

As planning cycles accelerate, it’s becoming increasingly important for planning and budgeting activities to move beyond the walls of the Finance office. The traditional annual budget exercise orchestrated by Finance is moving towards more dynamic planning at various levels throughout the organization.

PeopleSoft Enterprise Performance Management delivers enhancements in Planning and Budgeting.

Planning and Budgeting

PeopleSoft Planning and Budgeting enables simultaneous top-down target setting and bottom-up budget preparation for continuous, enterprise-wide planning. New functionality in Planning and Budgeting 9.1 will continue to build upon this concept of the enterprise plan.

The following enhancements are added to improve the flexibility and streamlining processes capabilities for PeopleSoft Planning and Budgeting:

- Planning targets for commitment control budget types
- Mid-year adjustments
- Enhanced position budgeting
- Enhanced notes and attachment functionality
- Enhanced usability

Planning Targets for Commitment Control Budgets

Customers need to define and use the planning targets during budget preparation of control budgets. In Release 9.1, we will provide customers the ability to use planning targets - the high-level spending target or ceiling by budget center, division, or account types/nodes, with commitment control type budgets. This enables customers who constantly monitor expenses to define “spending ceilings”.

Mid-Year Adjustments

Customers need to adjust budgets with changes that have occurred in the source system to keep their budgets synchronized. In Planning and Budgeting 9.1, customers have the ability to update base budget amounts with changes from PeopleSoft Enterprise General Ledger (GL). They can insert new line item rows when new budget accounts have been added in GL and update versions with no loss of data from budget preparation. The mid year adjustments enhancements allow budget data to be kept in sync with the source system without manual intervention.

To update budget amounts, use the new Update Budget Amounts from Source page (Planning and Budgeting, Planning and Budgeting Setup, Process Model, Update Budgets from Source).
Update Budgets From Source page

Specify the model scenario activity to update, and select the planning centers to include, and then click the Run button.

After the process has completed, you can use the new Budget Update Results page (Planning and Budgeting, Planning and Budgeting Setup, Process Model, Budget Update Results) to review the details of the line item updates.
Enhanced Position Budgeting

Position Transfer

A budget preparer needs the ability to transfer ownership of a position to another budget center. In Planning and Budgeting 9.1, we provide enhancements to support transfer ownership of a position from its original budget center to another budget center. This enables customers who frequently move positions between budget centers based on available funding to easily do this task.

When you transfer positions, you are transferring the ownership of the position from one budget center to another. A position can be owned by only one budget center regardless of the distributions of all of the position costs. In other words, a position’s ownership is independent of its cost distribution(s).

The Position Transfer action will be a new choice in the Position Overview Action Menu dropdown list on the Position Overview page.
New **Transfer** action on the Position Overview page

Select the **Transfer** action then click Go to access the new Transfer Position page.

**Transfer Position page**

On this page, specify the effective date of the transfer, search for and select the positions to transfer, and then click the Transfer button to execute the transfer.
Hourly Based Calculations

Customers also need the ability to estimate budgets for overtime, shift differential or other earnings that are calculated based on hours worked. In 9.1, we are providing enhancements to calculate earnings based on hours or shifts worked and to calculate budget amounts for shift-based flat pay earnings. Customers do not have to manually calculate the amounts then enter the budget in the line item activity.

Earning codes can now be added and edited in Planning and Budgeting using the Earning Codes page. You can create new earnings codes to use in “what if” scenarios in Position Budgeting; no earnings codes are exported back to HCM.

Earning Codes

The Earning Codes and Plan Types – Earning Codes page (Planning and Budgeting, Data Integration, Human Resource Information, Earning Codes and Plan Types, Earning Codes) has been modified, and now includes check boxes that control which earning codes can be used for overtime calculations or calculations based on hours or shifts.
New check boxes on the Earning Codes and Plan Types – Earning Codes page

The Position Overview page now provides an option in the Action Menu to adjust overtime/shift pay.
New Overtime/Shift Pay adjust option on the Position Overview page

Select this action to access the Overtime Earnings Calculation page.

Overtime Earnings Calculation page

The system calculates and generates the amounts distributed according to the position, based on the assigned earning codes.

Enhanced Notes and Attachments

Budget Preparers need to add supporting documentation at line level. In Planning and Budgeting 9.1, we are providing budgeting users the ability to view, attach and delete documents to individual line items. This functionality is available for each planning center and also on positions. These enhancements allow budget preparers to attach relevant documents at a detail level, and save time locating important documents.
The pages for adding notes and attachments to planning centers, line items, and activities are distinct, but these pages each contain the same fields, and operate in a similar manner. To access these pages you click the Notes icon from one of the following pages:

- My Planning Workspace (Planning and Budgeting, Activity Preparation, My Planning Workspace).
- Line Item Details (click the Edit link on the My Planning Workspace page).
- Position Overview (click the Edit link on the My Planning Workspace page for an available position activity).

The Notes icon differs depending on whether a note already exists. It will appear as one of the following icons:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Icon" /></td>
<td>This Notes icon appears when there are notes or attachments associated with the item. Click the icon to view or update the associated notes and attachments.</td>
</tr>
<tr>
<td><img src="image2.png" alt="Icon" /></td>
<td>This Notes icon appears when there are no existing notes or attachments associated with the item. Click the icon to add a note or attachment.</td>
</tr>
</tbody>
</table>

The following example shows the notes icon on the Line Item Details page.

![New notes icon on the Line Item Details page](image3.png)

The following example shows the Line Item Notes page.

![The following example shows the Line Item Notes page](image4.png)
Line Item Notes page

Use the fields in the Enter Notes section to add a note. Type your note in the edit box.

Use the fields in the Notes Log section to review stored notes. Click the arrows to browse through the notes, or click View All to see all notes.

Use the fields in the Attach Documents section to manage attachments.

**Enhanced Usability**

Several usability enhancements are delivered in Planning and Budgeting 9.1. These include:

- **Increased number of working versions** – Users need the ability to have more than three versions while preparing budgets. Release 9.1 allows users to have up to 36 working versions. Users can create multiple working versions and have added flexibility during the budget preparation process.

- **Enhanced copy functionality** – Users can copy flexible formulas, flexible formula sources, and method across activities. These enhancements will save time for the budget coordinator by creating a replica of existing flexible formulas for line items.
• **Increased number of Chartfields in method groups** – Users need more than one chartfield as an additional dimension when defining method groups. In Release 9.1, users have the ability to define more than two chartfields in method groups. This will save time to set the method ID for different combinations when multiple chartfields are enabled.

• **Ability to Import budget data from a CSV file** – Users can upload budget data using a CSV import utility within the Planning and Budgeting application.
Packaged Analytic Content and Reporting

With the merger of Oracle and PeopleSoft, many EPM customers are choosing to use the business intelligence capabilities of Oracle, such as OBIEE (Oracle Business Intelligence Enterprise Edition). In Release 9.1, we continue delivering analytic content and reports for the warehouse solutions.

Financial Management Warehouse

The Financial Management Warehouse includes enhancements in the Commitment Control and Grants analytics subject areas. These enhancements are delivered on top of EPM 9.0 through bundles and are included in EPM 9.1.

- Commitment Control Analytics – The GL and the Profitability mart now have commitment control facts and can be used to view current status of budgets, identify transactions associated with budgets, generate internal budget reports and generate reports to external parties. In addition to internal reporting and analytics, some customers may elect to perform regulatory or statutory reporting from the EPM GL and Profitability Mart.

- Grants Analytics - The PeopleSoft EPM FMS Warehouse supports the data necessary for analyzing Grants activities as managed through the PeopleSoft Grants Management Product. These include:
  - Pre award analytics to answer questions about outstanding proposals, funding and budgets defined for proposals.
  - Post award analytics - The warehouse content for Grants Analytics will also contain data related to post-award activities. That is, the receipt of awards, proposal success rates, project budgets, billing, receivables and expenditures activity related to the grant.

Campus Solutions Warehouse

The Campus Solutions Warehouse includes enhancements in the Student Records, Admissions and Recruiting, Student Financials, and Campus Community subject areas. These enhancements have been delivered in EPM 9.0 through bundles and are included in EPM 9.1.

- Student Records – This subject area includes enrollment information and reporting such as average class size, grade distribution, and graduation eligibility and Course catalog and definitions. Additional content delivered in 9.0 and 9.1 includes:
  - Class Meeting Pattern
  - Degrees and Honors
  - Enrollment Requests

- Admissions and Recruiting – This subject area includes Recruiting / admission lifecycle reporting and analytics. Sample reports include monitoring of applicants, applications, and interested programs. Additional content delivered in 9.0 and 9.1 includes:
• Application Evaluations
• Student responses
• Admissions Funnel Table
• Student Financials – This subject area includes analytics to Reconcile student financial data and financial aid data with award information. Sample reports include financial aid reporting and student financial transaction reports. Additional content delivered in 9.0 and 9.1 includes:
  • Payments
  • Payments and Charges Cross Reference
  • Transaction Details
  • Accounting Entries
  • Credit History
• Campus Community – This subject area was delivered in 9.0 through bundles and is available in 9.1. Content includes analytics for:
  • Service Indicators
  • Checklists
  • Communications
  • Campus Events

Common Warehouse Enhancements

PeopleSoft EPM 9.1 has the following enhancements that impact all warehouse products:

• Integration with 9.1 sources – EPM 9.1 is integrated with FMS, SCM, HCM, and CRM 9.1 products. In addition, EPM 9.1 integrates with the current release of Campus Solutions.

• IBM WebSphere DataStage 8.1 certification – The delivered ETL maps and jobs for EPM 9.1 is delivered on IBM WebSphere DataStage 8.1 and the 8.1 version of DataStage Server Edition is delivered with EPM 9.1.

ETL Performance Improvements

ETL maps are critical to EPM warehouses. ETL Performance Improvements have been done for some of the EPM 9 warehouses and those changes are included in EPM 9.1 as well. Improvements were done to optimize the performance of the ETL jobs, to ease implementation, increase visibility into data lineage, and to enhance documentation. ETL job improvements include:

• Removing DRS lookups and replaced with hash file lookups where appropriate.
• Spliting “insert” and “update” stages in staging jobs and key MDW jobs.
• Removing unnecessary Ltrim and Rtrim issues.
• Enabling parallel running of staging jobs.
• Creating interactive data lineage documents.
• Providing audit jobs as an alternative for CRC incremental loads.
• Utility to create master sequencers on the fly.
Usability Improvements

PeopleSoft EPM 9.1 includes several enhancements that improve usability and the overall user experience. Usability improvements are added in the following areas:

- Allocation Manager
- Activity Based Management
- Global Consolidations

Allocation Manager

Allocation Manager is part of the Enterprise Warehouse foundation and enables users to distribute revenue, expense, and statistical amounts across business units, departments, and other dimensions. The Allocation Manager tool can also be used to create offset and residual rows, capture source, basis, and target data, and create, process, and post journals to a ledger. As a result, customers can use Allocation Manager using sources from within the OWE (Operational Warehouse Enriched) layer of EPM such as Activity Based management (ABM) and Global Consolidations (GC) to further massage the output for analysis based on business rules specific to an organization. Release 9.1 significantly enhances the usability of Allocation Manager in the following areas:

- **Datamap Wizard** – A new Datamap Setup Wizard provides a step by step guide to enable a more streamlined user experience for creating and maintaining allocation rules.

- **Allocation Template** – An allocation template for rules has been created to allow users to identify source, basis and target datamaps that are frequently reused. The template can be used to automatically populate such datamaps and associated constraints within the Allocation rule.

- **Simplified User Interface** – The Allocation rule component has been modified for a more user friendly experience.

- **Inquiry Enhancements** – To provide a more user-friendly mechanism of investigating allocation results, a new allocation manager inquiry has been created and will include drill back from target to source. This inquiry will be integrated with Global Consolidations and Activity Based management.

Datamap Wizard

PeopleSoft provides you with the option of setting up datamaps using the new Datamap Wizard, which simplifies the datamap creation process by walking you through an easy six-step process for creating datamaps.

The first step in the DataMap Wizard enables you to define Record metadata for your DataMap:
The second step of the Datamap Wizard enables you to define TableMap metadata for your Datamap:

The third step of the Datamap Wizard enables you to define your Datamap:

The fourth step of the Datamap Wizard enables you to define filter metadata for your Datamap:
The fifth step of the Datamap Wizard enables you to define constraint metadata for your Datamap:
The sixth and final step of the Datamap Wizard provides you with a summary of all the metadata defined for your DataMap:

**DataMap Wizard**

**Summary**
The following objects were specified or added by the DataMap Wizard.

**Metadata Objects**

<table>
<thead>
<tr>
<th>Record Metadata:</th>
<th>Demo Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF_ALSRC</td>
<td></td>
</tr>
<tr>
<td>ALLOC_SRC</td>
<td>Demo Source For Allocations</td>
</tr>
<tr>
<td>ALLOC_SRC</td>
<td>Demo Source For Allocations</td>
</tr>
<tr>
<td>ALLOC_SRC_ALL</td>
<td>Demo Source For Allocations</td>
</tr>
</tbody>
</table>

**Allocation Template**
PeopleSoft EPM provides an allocation template that enables you to predefine a set of source, basis, and target DataMaps that you can later associate with any allocation rule, thereby saving time and ensuring DataMap consistency among various users setting up allocation rules.

Once you define an allocation template you can associate it with an allocation rule using the Template field on the Method page, which is a part of the Allocation Manager Rules component.

When you select a template on the Method page, the appropriate source, basis, and target DataMaps automatically populate the Source, Basis, and Target pages.

**Allocation Template**

Use the Allocation Template page to predefine a set of source, basis, and target DataMaps that you can later associate with any allocation rule.

**Allocation Rule Component**

The pages in the Allocation Rule component have been streamlined and simplified to make it easier to:

1. Define datamaps for your source, basis, and target.
   See new Datamap Wizard feature.
2. Define an allocation rule and select the calculation method.

![Allocation Rule Form]

- **SetID:** SHARE
- **Rule ID:** AL_PRO
- **Effective Date:** 01/01/1900
- **Description:** Demo Prorata Method
- **Method:** Prorata
  - **Period Based Allocation:** Off
  - **Allocate rounding differences:** On
- **Template:** 
- **Notes:** Allocation Manager Rule that demonstrates the Prorata method. The source is Demo Source, the basis is Demo Basis, and the target is Demo Target.

![Compile Information]

- **SQL Object ID Prefix:** PF$_AL_AL_PRO_SHARE

3. Define the allocation rule source.

![Allocation Rule Form]

- **SetID:** SHARE
- **Rule ID:** AL_PRO
- **Effective Date:** 01/01/1900
- **Description:** Demo Prorata Method
- **Source:** ALLOC_SRC
- **Constraint:** ALLOC_SRC_ALL
- **Source Adjustment:** 1.0000

4. Define the allocation rule basis.

![Allocation Rule Form]

- **SetID:** SHARE
- **Rule ID:** AL_PRO
- **Effective Date:** 01/01/1900
- **Description:** Demo Prorata Method
- **Basis:** ALLOC_BAS
- **Constraint:** ALLOC_BAS_ALL
- **Basis Adjustment:** 1.0000
5. Review all common dimensions between the source and the basis.

The Source to Basis relationship is used to determine which dimensions will be common between them, referred to as common dimensions.

Common dimensions are very important. They determine how the rule is to be applied. Common dimensions determine the divisor, therefore the rate, for Spread Even and ProRata. For all methods they determine how the Source and Basis are to be grouped before applying any mathematical formulas.

6. Define the allocation rule target, including the allocation mappings.
7. Assign post-allocation residual amounts.

Allocation Manager Inquiry

Allocation Manager enables you to output allocation results to target batches or journals, or merge data directly to a ledger target table. Additionally, Allocation Manager sometimes uses PeopleSoft Enterprise Global Consolidations or Activity Based Management outputs as sources.

Given these complex processes, it can be difficult to determine if the allocation output was calculated correctly based solely on viewing the results. As such, PeopleSoft EPM provides the new Allocation Manager Inquiry tool that enables you to review allocation audit data, from the target to source—specifically, you can review allocation targets, drill down to basis and source elements of an allocation, and view calculation rules.

Use the Allocation Manager Inquiry - Audit Parameters page to specify audit criteria for a specific allocation rule:

8. Specify offset target information.
The Allocation Manager Inquiry Results page displays the target details associated with the allocation you selected for audit:

You can drill down to the basis or source information for an allocation. For example, using the Drill Details tab, you can click the Drill to Source link and access the Allocation Manager Inquiry Results - Drill to Source page to view source details associated with the allocation:
Allocation Manager Inquiry Results - Drill to Source and Rule Detail pages:

Allocating Manager Inquiry

Go To: Selection Page

Main Criteria

- Business Unit: 10000
- World Wide Consolidation: Yes
- Scenario ID: GCACCTE
- Actual Total Balance
- Fiscal Year: 2005
- Period: 1
- Jobstream ID: GC_ALL0, GC Allocation

Go To: Selection Page → Target Details

Source

Go To: Selection Page → Target Details

Source

Clicking the link displayed in the Allocation Rule ID column accesses the Source page where you can view source rule details, such as adjustments, constraints, or if it is a fixed source.

Activity Based Management

Activity Based Management has been enhanced in the following areas:

- **Enhanced User Interface** – Several pages within ABM 9.1 have been modified to conform to PeopleTools 8.50 GUI standards. In addition, tree Viewer functionality has been included within Ledger Mapper function to improve the user experience.
- **Functional Enhancements** – As mentioned in the previous section, an Allocation Manager Inquiry has been created with integrated drillback to Object Navigator within Activity Based Management. In addition, a file import utility has been provided for Model Generation. Seeded data and metadata has been provided for Model Generation and Ledger Mapper.

**Allocation Manager Inquiry for ABM**

The Allocation Manager Inquiry tool can also drill down to Activity Based Management rules. The Allocation Manager Inquiry Results - Drill to Source page will display the source details associated with an ABM allocation you selected for audit.

Clicking the link displayed in the Drill to ABM column transfers you to the Object Navigator Inquiry tool found in ABM. Using the ABM tool you can further drill down to the model with its resources, activities, and cost objects, as well as view their sources and targets.

See *Allocation Manager Inquiry* under Usability Improvements.

**Global Consolidations**

Global Consolidations users need a way to enter journals with thousands of lines in the entry and have requested a user friendly excel spreadsheet interface to enter journals, and then upload them to the database. In Release 9.1, we enhanced the current Excel to CI interface to Global Consolidations journal functionality. This is similar to the feature in PeopleSoft Enterprise General Ledger to upload a spreadsheet journal. This enhancement allows users to use Excel to CI for manual and recurring journals and also have user friendly functions to add, delete, edit and copy worksheets in the delivered template.

Additionally, we enhanced the Consolidation Audit page so users can drill back to source amounts that originate from allocations.
Consolidation Audit page with Allocation Entry as source

When you click on an amount, you are transferred to the new Allocation Manager Inquiry tool that enables you to review allocation audit data, from the target to source—specifically, you can review allocation targets, drill down to basis and source elements of an allocation, and view calculation rules.
Result of clicking an amount on the Consolidation Audit page
XBRL Reporting

In May 2008, the United States Security Exchange Commission (SEC) issued rules to adopt XBRL, the financial reporting version of XML to meet financial reporting requirements. The SEC’s proposed schedule would require companies using U.S. Generally Accepted Accounting Principles (US GAAP) with a worldwide public float over $5 billion to make financial disclosures using interactive data formatted in eXtensible Business Reporting Language (XBRL) for fiscal periods ending on or after June 30, 2009 with eventual adoption by all SEC registrants in subsequent years.

The XBRL feature enables users to set up required XBRL taxonomies, upload Taxonomy elements, instance facts and create XBRL instance documents based on XBRL GAAP Taxonomies for financial reports and footnotes. A BI publisher report allows users to preview the instance document before submittal.

The XBRL reporting feature is provided in EPM 9.1 and has been backported to EPM 8.9 and 9.0 for regulatory purposes.
Enhancements That Are Common to Multiple Applications

This section discusses new enhancements that are common to multiple applications. PeopleSoft continues to deliver enterprise-wide features and frameworks that enhance your ownership experience and help you run your business more efficiently and profitably. With the release of PeopleSoft Enterprise Portal 9.1, PeopleSoft delivers:

- Application Integration Framework
- Approval Framework
- Desktop Integration
- Find Object Navigation
- Events and Notifications
- Upgrade Framework

Application Integration Framework

Application Integration Framework extends PeopleSoft Integration Broker functionality to provide a standard way to represent, classify, store, query, publish, acquire, and invoke data that maps element names, structures, and values between PeopleSoft Messages and external system messages. Two important features of Application Integration Framework include; the Domain Value Mapping (Static Cross-references) and Dynamic Cross-referencing. These two mappings enable PeopleSoft Values to be mapped to other applications. Also, there are various APIs being provided as part of this framework to access the Domain Value Mappings and Dynamic Cross-references, such as PeopleCode APIs, XSLT Extensions Functions and also WebService calls. These APIs can be used in supplement with PeopleSoft Integration Broker to send and receive messages with other PeopleSoft systems or third-party systems. If the message structure differs between systems, transformation programs are used to transform the incoming or outgoing message to a message format that the PeopleSoft system understands.

The primary purpose of Application Integration Framework is to create integrations with other Oracle Applications using the Application Integration Architecture without requiring an application upgrade. The framework is generic enough that is could be used for PeopleSoft integrations with any external system or with other PeopleSoft systems.

See Also

- Application Integration Framework PeopleBook

Approval Framework

Approval Framework is a user configurable tool that utilizes Pure Internet Architecture and PeopleTools Workflow to create dynamic approval processes that fit the needs of each organization. Approval Framework replaces Virtual Approver and puts most configuration control in the hands of the business analyst.
In the PeopleSoft Enterprise 9.1 release, Approval Framework focused on Flexibility, Configurability and Control.

These enhancements help to streamline configuration tasks and provide additional details and functionality for approvers.

- **Flexibility**: Three areas were the main focus: Notification, Timeout and User Lists.

- **Additional configuration options**:
  - The administration monitor has added a layer of configurability that allows actions to be enabled/disabled for each Transaction Registry.
  - The Monitor Configuration page controls both the Search and the Actions page of the Monitor Approvals.
  - The information displayed on the page can now be specified. In prior releases, only the transaction keys were displayed.

- **Control**: Two new features are meant to provide control to the user:
  - The first one is a new User Monitor. It is intended to be a "one-stop shop" for the user to review transactions that he either initiated or is a designated approver on.
  - The other new area of control is in reporting. Approval Framework has provided an audit report that provides details on Approval Transactions.

**See Also**

*Approval Framework PeopleBook*

### Desktop Integration

Desktop Integration is a completely new feature providing seamless integration between Microsoft Office and your PeopleSoft applications, enabling your organization to schedule and track appointments, meetings, tasks, and corresponding documentation.

The Desktop Integration framework allows PeopleSoft applications to extend functionality into the Microsoft Office 2007 suite. Providing the ability to launch Microsoft Outlook from a PeopleSoft web page and pass the application data to Outlook (Calendar or email). A two-way communication is established between the PeopleSoft application and Microsoft Outlook, with Outlook receiving the information from and sending updates to the PeopleSoft application. Oracle delivers this functionality as part of the PeopleSoft Enterprise Components that are available with all PeopleSoft applications.

Powerful integration scenarios include interview scheduling without leaving your PeopleSoft application, delivered tasks and dynamic displays that are customizable to suit your particular user groups and business needs. Address books that enable you to leverage PeopleSoft data to update Outlook users’ local address lists or to control the email addresses available within the PeopleSoft Outlook Meeting Scheduler.

The Desktop Integration framework consists of the following components:
The Microsoft Outlook and Word add-ins contain all the pieces necessary to send information to and receive information from the PeopleSoft applications. Microsoft Office add-ins invoke functions in this layer for user authentication, launching web services to receive and send data from the PeopleSoft application. On the PeopleSoft side, services and app-classes exist that accept the requests from Microsoft Outlook and Word and perform the necessary actions and data retrieval.

Oracle uses the Integration Broker to connect Microsoft Outlook and Word to the PeopleSoft applications. Oracle delivers predefined interfaces and security classes.

The Desktop Integration layer creates, updates and moves the data in and out of the PeopleSoft system and is responsible for responding to all events. As events are processed, control is optionally passed to the PeopleSoft Application Layer for handling.

Any application-specific functions are contained within the PeopleSoft Application Layer. When you create new integrations or customize existing ones, all application-specific code is contained within the application layer.

**Find Object Navigation**

Use the Find Object Navigation utility with any PeopleSoft Pure Internet Architecture page to locate the navigation path for a component, page, content reference, or portal. When you select your search criteria and click the Find Navigation button, the resulting navigation paths appear with links that enable you to navigate directly to the page that you specified in your search. Frequently, several ways are available to access a page. Reviewing all of the navigation paths may help you find the page in a more intuitive way.

Additionally, when used as an internal tool, this utility can be very helpful during PeopleTools and application upgrades.

**Events and Notifications**

Events and Notifications is a framework that enables you to define, implement and run business logic for business events. The Notification Dashboard is a central location to view information related to notifications, warnings, and alerts that occur within many batch or online processes throughout the system. You can receive notifications using email, worklist or XML messages when an event occurs. PeopleSoft Query can be used in combination with the Events and Notifications Framework feature to generate alert messages based on data within one or more PeopleSoft tables.

The Events and Notifications framework was created to combine existing Event functionality from HCM and Events, Warning, and Notifications in SCM to be a common framework that could generate multiple kinds of notifications, required a very light API to implement and had a minimal set of required registry data. This combined framework is now available in all PeopleSoft Applications.

**See Also**

*Events and Notifications Framework PeopleBook*

For Email collaboration, please note the following limitations on BlackBerry and iPhones:

- BlackBerry does not allow its delivered applications to override the default application for attachments. Currently, the BlackBerry email application opens the HTML attachment as a text document. If the user is using a 3rd party email application, then the HTML displays properly.
• Currently, iPhone OS 3.1 does not support any Email Approval options. You must use a 3rd party application that supports javascript in the email.

### Upgrade Framework

The Upgrade Data Conversion Analyzer is a new Application Engine (AE) program. For a given upgrade path, the Analyzer gathers a list of AE Sections required for data conversion and stores these in a new repository. Each SQL statement (including SQL Statements within PeopleCode) is then analyzed to derive a list of tables that are manipulated or queried during the execution of the SQL. Once all the SQL is analyzed, the information is used to derive section dependency information which is then saved in the repository.

The Upgrade Data Conversion Runtime is a new Application Engine program. The Runtime uses the information generated by the Upgrade Data Conversion Analyzer to improve the execution of the data conversion. Optimization is achieved through increased parallelism at runtime. Execution timing data is written to the repository, and can be used for analysis and further optimization of subsequent runtimes.
Enhanced Product Information

PeopleSoft Enterprise software continues to enhance the user experience with our products by improving the quality and ease of access to vital information.

Note. The links provided in this section may change over time. If a link does not take you to the proper location, oracle.com should produce a more current link.

New Information Portal

The PeopleSoft Enterprise Information Portal provides customers with a single entry point to locate the documentation, training, and other useful information they need to help with their implementation process and improve their daily experience with our products.

PeopleSoft Enterprise software offers many information solutions to help our customers succeed. By using our popular PeopleSoft Enterprise Information Solution data sheets, customers can easily access information and links to PeopleBooks, Documentation Updates, Instructor-Led Training, Online Classes, User Productivity Kits (UPK), Self Study CDs, Certification Programs, and other helpful information.

PeopleBook Improvements

We made the following improvements to PeopleBooks documentation to enhance content breadth, organization, and usability.

- **Hosted PeopleBooks.** Starting with this release, our new Hosted PeopleBook solution provides you the option to access your context sensitive PeopleBook help directly from our hosted server. The hosted documentation will be updated regularly to ensure that you have access to the most current documentation. This reduces the need to view separate maintenance documentation postings on My Oracle Support because that documentation will now be incorporated into the hosted PeopleBooks content. We will also offer updated installable HTML PeopleBook Libraries for those who prefer to have the documentation installed on their local servers. Updated PDF versions of PeopleBooks will be posted on OTN, based on the content update schedule. The hosted and updated installable PeopleBooks will be available in English only. Translated PeopleBooks will still be offered in their original GA state via ePD.

- **Installed PeopleBook Organization.** You will notice a big change as soon as you install PeopleBooks. We now deliver PeopleBooks logically grouped by product line and functional area so that books are easier to find when accessing them online.

- **Improved Application Page Navigation Documentation.** Navigation to an application page now appears wherever a page is defined in our documentation. In addition to the navigation being listed in the Page Introduction Table, the navigation will also be listed at each location in the PeopleBook where the application page is discussed in detail. This enhancement eliminates the need for customers to look elsewhere in the book for the page navigation.
• **More Examples.** Throughout our documentation, we are adding real-life examples of application setup or business process tasks to help customers envision the documentation in our PeopleBooks. When an example is more extensive or does not easily fit into a suitable section of the documentation, we may also include a Scenarios Appendix that contains standalone examples of how our products are best implemented and used.

• **Helpful Hints.** Sometimes a useful bit of information or troubleshooting advice can mean a big difference in how easily a product is setup or used. In certain situations, we will include such information in a note or warning within the documentation itself. If the information is too lengthy to include in a note or warning, it may be included in a Helpful Hints appendix.

• **Enhanced Cross References.** Using a new formatting capability within our PeopleBook authoring tool we can now insert a useful cross reference link within standard paragraph text. This feature locates appropriate cross-references closer to the documentation to which they apply, making them far more useful to our customers.

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**Research in PeopleBooks**

We have created a free, short, online course titled [Researching in PeopleBooks](#) that will give our customers:

- A better understanding of our documentation structure and organization.
- Techniques for finding information more quickly and easily by using search functionality, best practice search strategies, and indexes.

Take this brief course to help you more quickly find the information you need in PeopleBooks.

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**User Productivity Kits (UPK)**

The [User Productivity Kit](#) (UPK), UPK Developer and content, is the PeopleSoft end-user training solution. It provides a single source development and customization tool to enable rapid content creation and customization. UPK may also provide system process documentation, user acceptance test scripts, training materials, role-based performance support, and documentation.

For this release, we have broadened our UPK footprint with more UPK content offerings than ever before. Leverage this powerful end-user training solution to improve your organization’s productivity in a highly cost-effective manner.