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PeopleSoft FSCM 9.2: In-Memory Financial Position Analyzer

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Contents

Preface.

Understanding the PeopleSoft Online Help and PeopleBooks

The PeopleSoft Online Help is a website that enables you to view all help content for PeopleSoft Applications and PeopleTools. The help provides standard navigation and full-text searching, as well as context-sensitive online help for PeopleSoft users.

PeopleSoft Hosted Documentation

You access the PeopleSoft Online Help on Oracle's PeopleSoft Hosted Documentation website, which enables you to access the full help website and context-sensitive help directly from an Oracle hosted server. The hosted documentation is updated on a regular schedule, ensuring that you have access to the most current documentation. This reduces the need to view separate documentation posts for application maintenance on My Oracle Support, because that documentation is now incorporated into the hosted website content. The Hosted Documentation website is available in English only.

Locally Installed Help

If your organization has firewall restrictions that prevent you from using the Hosted Documentation website, you can install the PeopleSoft Online Help locally. If you install the help locally, you have more control over which documents users can access and you can include links to your organization's custom documentation on help pages.

In addition, if you locally install the PeopleSoft Online Help, you can use any search engine for full-text searching. Your installation documentation includes instructions about how to set up Oracle Secure Enterprise Search for full-text searching.

See *PeopleTools 8.53 Installation* for your database platform, "Installing PeopleSoft Online Help." If you do not use Secure Enterprise Search, see the documentation for your chosen search engine.

Note: Before users can access the search engine on a locally installed help website, you must enable the Search portlet and link. Click the Help link on any page in the PeopleSoft Online Help for instructions.

Downloadable PeopleBook PDF Files

You can access downloadable PDF versions of the help content in the traditional PeopleBook format. The content in the PeopleBook PDFs is the same as the content in the PeopleSoft Online Help, but it has a different structure and it does not include the interactive navigation features that are available in the online help.

Common Help Documentation

Common help documentation contains information that applies to multiple applications. The two main types of common help are:

- Application Fundamentals

- Using PeopleSoft Applications

Most product lines provide a set of application fundamentals help topics that discuss essential information about the setup and design of your system. This information applies to many or all applications in the PeopleSoft product line. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals help. They provide the starting points for fundamental implementation tasks.

In addition, the *PeopleTools: PeopleSoft Applications User's Guide* introduces you to the various elements of the PeopleSoft Pure Internet Architecture. It also explains how to use the navigational hierarchy, components, and pages to perform basic functions as you navigate through the system. While your application or implementation may differ, the topics in this user's guide provide general information about using PeopleSoft Applications.

Field and Control Definitions

PeopleSoft documentation includes definitions for most fields and controls that appear on application pages. These definitions describe how to use a field or control, where populated values come from, the effects of selecting certain values, and so on. If a field or control is not defined, then it either requires no additional explanation or is documented in a common elements section earlier in the documentation. For example, the Date field rarely requires additional explanation and may not be defined in the documentation for some pages.

Typographical Conventions

The following table describes the typographical conventions that are used in the online help.

Typographical Convention	***Description***
Key+Key	Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For Alt+W, hold down the Alt key while you press the W key.
. . . (ellipses)	Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax.
{ } (curly braces)	Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe (|).
[ ] (square brackets)	Indicate optional items in PeopleCode syntax.
& (ampersand)	When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object. Ampersands also precede all PeopleCode variables.
⇒	This continuation character has been inserted at the end of a line of code that has been wrapped at the page margin. The code should be viewed or entered as a single, continuous line of code without the continuation character.

ISO Country and Currency Codes

PeopleSoft Online Help topics use International Organization for Standardization (ISO) country and currency codes to identify country-specific information and monetary amounts.

ISO country codes may appear as country identifiers, and ISO currency codes may appear as currency identifiers in your PeopleSoft documentation. Reference to an ISO country code in your documentation does not imply that your application includes every ISO country code. The following example is a country-specific heading: "(FRA) Hiring an Employee."

The PeopleSoft Currency Code table (CURRENCY_CD_TBL) contains sample currency code data. The Currency Code table is based on ISO Standard 4217, "Codes for the representation of currencies," and also relies on ISO country codes in the Country table (COUNTRY_TBL). The navigation to the pages where you maintain currency code and country information depends on which PeopleSoft applications you are using. To access the pages for maintaining the Currency Code and Country tables, consult the online help for your applications for more information.

Region and Industry Identifiers

Information that applies only to a specific region or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a region-specific heading: "(Latin America) Setting Up Depreciation"

Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in the PeopleSoft Online Help:

- Asia Pacific
- Europe
- Latin America
- North America

Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in the PeopleSoft Online Help:

- USF (U.S. Federal)
- E&G (Education and Government)

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Using and Managing the PeopleSoft Online Help

Click the Help link in the universal navigation header of any page in the PeopleSoft Online Help to see information on the following topics:

- What's new in the PeopleSoft Online Help.
- PeopleSoft Online Help acessibility.
- Accessing, navigating, and searching the PeopleSoft Online Help.
- Managing a locally installed PeopleSoft Online Help website.

PeopleSoft FSCM Related Links

Financial and Supply Chain Management information for Secure Enterprise Search (SES) can be found in PeopleSoft Application Fundamentals documentation. For application specific information, see the "Understanding Search Pages within Components *(PeopleSoft FSCM 9.2: Application Fundamentals)*" topic.

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PeopleSoft Information Portal on Oracle.com

PeopleSoft Training from Oracle University

PeopleSoft Video Feature Overviews on YouTube

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Send us your suggestions Please include release numbers for the PeopleTools and applications that you are using.

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Chapter 1

Getting Started with PeopleSoft Real Time Bottom Line

Getting Started with Financial Position Analyzer

PeopleSoft In-Memory Financial Position Analyzer provides the ability to model and assess the impact of “what-if” transactions (journals) on your bottom line in real time without impacting your production environment. Once you configure your system, you can create and process multiple scenarios and quickly review their impact on your financial position by running key reports and inquiries.

The Financial Position Analyzer allows you to compare the financial impact of two or more different scenarios and implement the most favorable scenario in your production environment.

This section discusses the following topics:

- PeopleSoft Companion Documentation.
- Common Elements and Terminology.
- Understanding Financial Position Analyzer.
- Financial Position Analyzer Business Processes.

PeopleSoft Companion Documentation

The PeopleSoft In-Memory Real-Time Bottom Line Fundamentals *(PeopleSoft FSCM 9.2: In-Memory Real Time Bottom Line)* documentation provides implementation and processing information for your PeopleSoft Real Time Bottom Line solutions. However, information describing the required installation process is documented in the *PeopleSoft Financials and Supply Chain Management In-Memory Real Time Bottom Line Installation* guide.

You can also find information regarding setup and design of your production system in companion documentation. The companion documentation consists of important topics that apply to PeopleSoft applications across the Financials, Enterprise Service Automation, and Supply Chain Management product lines.

You should be familiar with the contents of the following companion documentation:

- "Understanding PeopleSoft Real-Time Bottom Line *(PeopleSoft FSCM 9.2: In-Memory Real Time Bottom Line)*"
- PeopleSoft General Ledger *(PeopleSoft FSCM 9.2: General Ledger)*
- PeopleSoft Application Fundamentals *(PeopleSoft FSCM 9.2: Application Fundamentals)*

- PeopleSoft Global Options and Reports *(PeopleSoft FSCM 9.2: Global Options and Reports)*

Common Elements and Terminology Used in Financial Position Analyzer

The following table describes elements and terminology that are commonly used in PeopleSoft Real Time Bottom Line.

Terminology	***Description***
RTBL Real Time Bottom Line	PeopleSoft Real Time Bottom Line is a robust In-Memory solution set that can quickly process large volumes of production data and business configurations to simulate the impact of changes without touching the actual production environment or data. Based on simulation analysis and comparisons, selected scenarios for the financial period can be deployed to the production environment.
Scenario	Create scenarios in Real Time Bottom Line to determine the impact of a proposed (what-if) business rule or definition without impacting the production system. A scenario consists of a set of source data (ledger or table), elements (such as allocation groups and steps) and scenario results (journals, ledger, or table). Results may be compared to the original source data as well as the results of other scenarios.
Element	An element is a *what-if* definition (for example, an allocation group) that you create in Real Time Bottom Line to support a scenario(s). An element can be modified based on the requirements of the scenario and may be created new or copied from an existing production or *what-if* element.
Subelement	A subelement is a *what-if* definition that is part of an element (for example, an allocation step) created in Real Time Bottom Line to support a scenario(s). You can create new subelements or copy them from existing production or *what-if* subelements. You can also modify subelements based on the requirements of the scenario.
Checkpoint	A checkpoint is an element that is identified within a scenario after which processing will stop so that you can review the results of the preceding elements. You can then resume processing from that point or rerun the scenario from the beginning after making desired modifications to the scenario or source data.
Production Business Rule	Production business rules are definitions (for example, an allocation group or step) that are defined in the production PeopleSoft database which may also be used in Real Time Bottom Line scenarios. These business rules can only be modified in the production system. Changes that you make to the production business rules are automatically reflected in any Real Time Bottom Line scenario in which they are included.
What if Posting	This posting is a process by which you can see the ledger impact of posting a journal or journals without updating the production ledger. This process edits and posts journals that are created by scenarios and those that you create to populate source data that is required by a scenario (for example, a statistical journal).

Understanding Financial Position Analyzer

Through coexistence of connections to In-Memory and Oracle databases within the same PeopleSoft instance, PeopleSoft Real-Time Bottom Line empowers organizations to model and assess the impact of incremental, material transactions on their bottom line in real-time without impacting the production environment. You are able to quickly determine the results of *What-if* transactions on your financial position by running key reports after modeling transactions within the Real-Time Bottom Line schema.

This iterative process of modeling various scenarios and comparing them against each other and against current production data (summary and detail), results in more efficient and effective decisions due to real-time visibility of the impacts prior to deploying changes into production.

PeopleSoft provides a Scenario Dashboard, which leverages WorkCenter technology to allow you to easily define, configure, process, analyze, and deploy scenarios, including the ability to define and maintain elements and sub-elements. The Scenario Dashboard includes an Activity Guide that leads you through each step of the process. For more information, see "Understanding the Scenario Dashboard *(PeopleSoft FSCM 9.2: In-Memory Real Time Bottom Line)*".

PeopleSoft In-Memory Financial Position Analyzer

PeopleSoft In-Memory Financial Position Analyzer is a dynamic solution that utilizes all of the power of PeopleSoft General Ledger and its differentiating capabilities. The Position Analyzer is a new standard for effective decision support allowing you to model the impact of material activity through the inclusion of *what-if* scenarios and analyzing results at the organization or more granular levels. Information can be analyzed by Finance and shared with the stakeholders and line managers to expedite business decisions. With this solution, guesswork is removed from the equation as scenarios are modeled and results can be reported instantly through delivered reporting tools.

Enter *what-if* journals (actual, statistical, or adjustments) edit and post, and run your PeopleSoft reporting tools to analyze and compare scenario results to determine the best scenario to use in production. Examples of Financial Position Analyzer scenarios include:

- Financial statement impact of potential mergers and acquisitions.
- Regulatory changes that impact operating expenses.

Financial Position Analyzer Business Processes

This section presents high-level process flow of PeopleSoft Real Time Bottom Line solutions as well as a list of the business processes that are included.

High Level Business Process

The following is a high-level business process flow for PeopleSoft Financial Position Analyzer:

1. Review "Prerequisites and Implementation Considerations *(PeopleSoft FSCM 9.2: In-Memory Real Time Bottom Line)*".
2. Refer to the *PeopleSoft Real Time Bottom Line Installation* guide for installation and post-installation steps.

3. You can perform the following setup steps directly or access the setup pages, as needed, from the Scenario Dashboard:
   - Review the configuration settings to ensure that the desired In-Memory Real Time Bottom Line products are installed and enabled, and that processing options and defaults are correct.
   - Verify that the RTBL partitioned records are defined and that the reports that you want to use in analysis are registered.
   - Review or configure the RTBL business units, ledgers, and InterUnit pairs that are to be used in modeling scenarios.
   - Deploy the latest production business objects to RTBL for modeling (for example, ChartField values and trees).
   - Define or modify the business objects to be used in RTBL modeling scenarios (for example, ChartField values, trees, allocation steps and groups).
   - If using ChartField Combination Editing, make sure your business units, ledgers, and tree setup is correct and build the combination data in RTBL.
4. Define: From the Scenario Dashboard, Scenario Activity Guide, define the scenario(s):
   - Assign the scenario name and select the type of scenario to define (journals, allocations, or user-defined).
   - Select the business units to include in the scenario.
5. Configure: From the Scenario Dashboard, Scenario Activity Guide, configure the scenario(s):
   - Identify existing PeopleSoft production business rules or definitions and RTBL what-if elements (e.g. allocation groups or steps) to be used in the scenario.
   - Define new what-if elements as needed (for example, new journals).
   - Reorder or delete scenario elements as needed and identify checkpoint elements.
6. Process: From the Scenario Dashboard, Scenario Activity Guide, process the scenario(s) for the specified business units. Required Source data is copied from the production tables, if needed. If the process stops at a defined checkpoint in the scenario, use the desired reporting tool to review the results. Modify subsequent elements or post additional journals, if necessary, and then resume processing from the checkpoint. Alternatively, modify previous elements or post additional journals, then rerun scenario from the beginning. In this case, indicate whether or not the source data should be refreshed from production.
7. Analyze: From the Scenario Dashboard, Scenario Activity Guide, analyze the scenario(s). Upon completion of the scenario processing, use the desired reporting tool(s) to review the scenario results and compare scenarios against each other and against production actuals. If necessary, modify previous elements or post additional journals, then rerun scenario from the beginning. In this case, indicate whether or not source data should be refreshed from production.

8. Deploy: From the Scenario Dashboard, Scenario Activity Guide, deploy the scenario(s). Select scenario elements to be moved to the production environment. Specify a production definition name and effective date. Definitions that already exist in production will be replaced upon deployment.

Business Processes in PeopleSoft Real Time Bottom Line

The business processes listed below are included in the PeopleSoft Real Time Bottom Line solutions:

- Create, edit and post journal entries.
- Create and process InterUnit Pair transactions.
- Enter and process statistical transactions.
- Run General Ledger background processes.
- Monitor background processes.
- Review Ledger Scenario Inquiry summary and detail.
- Generate queries and reports (PS/nVision, BI Publisher, PS Query, and so on).
- Create and process allocations.
- Import and process spreadsheet journal entries.
- Import and process transactions from a flat file.

Chapter 2

Financial Position Analyzer: Analyzing Your Real Time Bottom Line Data

Analyzing Results Using Inquiries

To analyze a scenario in the Real-Time Bottom Line schema, use the following components:

- EMBED_PGLT_COMP
- LED_SCE_INQ_PE

This topic discusses how to analyze a scenario.

Pages Used to Analyze Real-Time Bottom Line Scenarios

Page Name	***Definition Name***	***Navigation***	***Usage***
RTBL Dashboard	EMBED_PGLT1_PA	Real Time Bottom Line, Scenario Dashboard Select an existing scenario and click the Analyze link in the RTBL Activity Guide.	Select from the various scenarios to analyze and compare data using inquiries and reports.
Ledger Scenario Inquiry	LED_SCE_INQ_PE_PA	Real Time Bottom Line, Scenario Dashboard Select an existing scenario, click the Analyze link in the RTBL Activity Guide, supply the scenario criteria and click GO.	Displays a scenario comparison summary and detail for analysis between the various scenarios.

Analyzing Results Using Your PeopleSoft Reporting Tools

This topic discusses analyzing your scenarios using the delivered PeopleSoft reporting tools:

- You may define a scenario with one or more checkpoints which allows processing to stop so that you can analyze the results and output of the scenario to that point before continuing further processing of the scenario. One of the options for performing this analysis is to run a predefined OBIEE report. Customers will define the reports they wish to use to perform this analysis. The following simple Departmental Profit and Loss Statements are examples of reports that could be defined to analyze the impact of an allocation scenario that allocates rent expense or benefits, for example, to selected departments.

- Trial Balance — utilize delivered reports like the Trial Balance to analyze their scenario results.
- Pivot Grid and Query — define queries in Query Manager against Ledger or other tables containing scenario results to conduct analysis.
- Delivered PS/nVision reports

Deploying Your Financial Position Scenarios to Production

To deploy scenario elements in the Real-Time Bottom Line schema for Financial Position Analyzer scenarios, use RTBL_DEPLY_SCENA component:

This topic discusses how to select and deploy scenario elements to the production environment.

Deploying Scenario Elements

Select scenario elements to be moved to the production environment. Specify a production definition name and effective date. Definitions that already exist in production will be replaced upon deployment.

