

Oracle Agile Product Lifecycle Management for Process
Release Notes
Extensibility Pack 3.5
E42081-02

August 2013

ORACLE

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E42081-02

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Document Control

Change Record

Date	Author	Version	Change Reference
August 2013	Oracle	1.0	Initial release, Part No. E42081-02

Contents

CHAPTER 1: WHAT'S NEW IN THIS RELEASE	3
What's New in This Release?	3
Hierarchy Denormalization	3
Hierarchy Navigator	3
Reporting Packs.....	4

Preface

This document describes issues that you may encounter with this release. Internal Tracking numbers that appear in the tables are used to identify issues reported by customers. You can use these numbers to identify the issue should you need to contact Oracle Support. Locator numbers that appear in parentheses after some notes are for Oracle internal use only.

Chapter 1: What's New in This Release

This chapter contains information on new product features for Extensibility Pack 3.5 of Oracle Agile Product Lifecycle Management for Process.

What's New in This Release?

This extensibility pack contains two new solution packs and four new Report Packs:

- Hierarchy Denormalization
- Hierarchy Navigator
- Report Packs for the ADMN, EQuestionnaire, GSM, and SCRM modules

Hierarchy Denormalization

Oracle Agile PLM for Process stores objects, such as specifications, along with the relationships to each other, in a normalized database schema, making inserts, updates and deletes highly efficient while minimizing its size. The challenges with having a normalized schema are that it can make custom SQL queries complex and possibly not optimal for bulk data retrieval.

Hierarchy Denormalization provides a streamlined solution to this data access problem by storing the object relationship information in a single table, allowing for simple and efficient hierarchy retrieval.

Many solutions can use this table to provide functionality such as hierarchical navigation and reporting. The Hierarchy Navigator Solution Pack leverages this process.

See the *Agile Product Lifecycle Management for Process Hierarchy Denormalization User Guide* for more information.

Hierarchy Navigator

Hierarchy Navigator provides a way for customers to see the hierarchy of objects that make up a single physical object. The Hierarchy Navigator is available in GSM and SCRM. User can use the tree view to navigate to other objects or export a report of the hierarchy.

Formulation Hierarchy Example

The screenshot displays the Oracle Agile PLM for Process interface. The main window shows the Material Specification for 'Vanilla Extract (5110848-001)' in an 'Approved' state. The 'Nutrient Composition' table is visible, listing various nutrients and their values per 100g. The 'Hierarchy Navigator' on the right shows a tree structure of the product hierarchy, including items like 'Mini Cakes - Sweet Spice [Design]', 'Whipped Cream Icing [Approved]', 'Vanilla Extract [Approved]', 'Spice Cake Batter [Design]', and 'All Purpose Flour [Draft]'.

Nutrient	Per 100g	Method	Source	Comments
1 Calories	56.00000 kcal		USDA Nutrient Database	
2 Energy kJ	234.00000 kJ		USDA Nutrient Database	
3 Protein	0.03000 g		USDA Nutrient Database	
4 Carbohydrates	14.40000 g		USDA Nutrient Database	
5 Total Fat	0.00000 g		USDA Nutrient Database	
6 Saturated Fat	0.00000 g		USDA Nutrient Database	
7 Monounsaturated Fat	0.00000 g		USDA Nutrient Database	
8 Polyunsaturated Fat	0.00000 g		USDA Nutrient Database	
9 Cholesterol	0.00000 mg		USDA Nutrient Database	
10 Ash	0.00000 g		USDA Nutrient Database	
11 Thiamin - B1	0.00300 mg		USDA Nutrient Database	
12 Riboflavin - B2	0.02900 mg		USDA Nutrient Database	

The Hierarchy Navigator not only allows you to see and navigate your entire hierarchy it includes the ability to filter by status or object type so you can quickly check a hierarchy.

For example, with one filter change you can quickly see if all suppliers that participate in this hierarchy are approved or if all packaging and material specifications used within the hierarchy are approved.

Hierarchy Navigator filters are extensible as well as the tree itself. You can contextually launch reports from each node in the hierarchy tree.

See the *Agile Product Lifecycle Management for Process Hierarchy Navigator Solution Pack Guide* for more information. This solution pack requires the Hierarchy Denormalization process to be installed.

Reporting Packs

The four new Report Packs include 12 new Oracle BI Publisher reports that can be launched from within Oracle Agile PLM for Process using navigation extension.

The ADMN Report Pack contains the following reports:

- **UGM Access Report** is designed for a system admin to view all UGM Groups, permitted users, and special permitted users (i.e. Authors, Owners or Signators) that have access to the GSM specification on a specific workflow at a specific status.
- **UGM Access Details Report** is intended to be launched from a hyperlink within the Access report, providing the access detail for the specified specification and user from which the report was launched. At a glance, the System Admin can determine if a user has Read, Write, or Workflow permission and view details that allows or denies the user access to the specification.
- **Basic Statistics Report** exposes a view to all basic counts of active users, approved suppliers, GSM specifications (by workflow, specification type and Category), NPD objects (Projects, Strategic Briefs and Innovation Sales Pipelines) and PQM objects (Issues, Actions and Audits).

The eQ Report Pack contains the following reports:

- **eQ Dashboard** report enables a view into open and completed eQs across eQ owners, suppliers and eQ types. The eQ Dashboard also exposes trending information on supplier response times and total open eQ counts by supplier.
- **eQ Dashboard – SP** report enables a supplier to view open and completed eQs across suppliers contacts and exposes trending information on supplier response times and total open eQ counts. This report was intended to be launched from a navigation extension in supplier portal

GSM Report Pack contains the following reports:

- **Material Cost Matrix** report was designed to be launched from navigation extension from a material or packaging material specification and can be utilized by formulators to quickly view the cost information for a specific GSM objects across all Cost Sets (or Facilities). This reports requires the population of the cost book.
- **Spec Lineage History** report can be utilized by specification administrators that would like to be able to view a specification’s complete lineage history with cross reference information to help understand a specification’s history and corresponding cross reference information.

SCRM Report Pack contains the following reports:

- **Sourcing Approval Risk** report is intended to be launched from a navigation extension from within PLM4P and utilized by purchasing personnel to identify packaging material specifications, printed packaging specifications, and material specifications that have only “approved” sourcing approvals from one Supplier (Company), or no sourcing approvals at all.
- **Supplier Rationalization** report is intended to be launched from a navigation extension from within PLM4P and utilized by purchasing personnel to identify Suppliers that have limited approved sourcing approvals for GSM specifications as defined by the user in the input parameter.
- **Supplier Compliance Report – CF** report should be utilized by users that manage supplier documents that are attached to companies or facilities. This report pulls all “Non-Archived” SDM Documents for Companies and Facilities and exposes details about supplier documents including Days until Due and Days until Expired.
- **Supplier Compliance Report – SA** report should be utilized by users that manage supplier documents that are attached to Sourcing Approvals. This report pulls all “Non-Archived” SDM Documents for Sourcing Approvals and exposes details about documents including Days until Due and Days until Expired.
- **Supplier Compliance Report – SP** report is designed to be launch from a navigation extension from within Supplier Portal. When this report is executed, it will pull all “Non-Archived” SDM Documents for Companies, Facilities, and Sourcing Approvals and expose details about supplier documents including Days until Due and Days until Expired.

All Report Packs are released as reference implementations. These reports should be copied to another folder within Oracle BI Publisher prior to using or customizing to your specific requirement.

Here are a couple of screenshots of the new Oracle BI Publisher reports:

eQ Dashboard



Supplier Compliance Report – Sourcing Approval

Supplier Compliance Report: Sourcing Approvals

Sourcing Approval Supplier Document Management Report Date:

Company Name	Facility Name	GSM BU	Document Type	Description	Spec Type	Equivalent(s)	Category	Sub Category	Group	Originator	Days until Due	Days until Expired
关于SA报告的公司2	关于SA报告的机构21	Automation SA Report GSM Lvl 1a Automation SA Report GSM Lvl 2a Automation SA Report GSM Lvl 3a	Doc Type2	Doc 8	Material	USJDE-123kj, USSAP-456t	* No Category Available (Ing)	* No Category Available	* No Category Available	Admin Prodika	-78	-65
关于SA报告的公司2	关于SA报告的机构21	Automation SA Report GSM Lvl 1a Automation SA Report GSM Lvl 2a Automation SA Report GSM Lvl 3a	Doc Type1	Doc 9	Packaging		* No Category Available (Pkg)	* No Category Available	* No Category Available	Admin Prodika	-71	-72
公司3	xj_Facility_3	CPI North America	A New Type 11/30	SDM FOR xj-comprny-3	Material	USJDE-1986xj, USSAP-1987t, TSFS-	Automation 1	Report Pack 1	Supplier Rationalization 1	Burrier Randal	-71	-69
xj_Chinese Company 2 公司2	xj_Chinese Facility 机 13 on Chinese Company 2	CPI North America	Audit	SDM 2 ON SA	Material	USORACLE-508883-001, USBPCS-	Processed Grains	Flours	* No Category Available	xia6004 Jje6004	-8	-9

These changes are included in the *Agile Product Lifecycle Management for Process Reporting Guide* contained in this extensibility pack.