



Agile Product Lifecycle Management

Readme

v9.3.1.2

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Preface

Oracle's Agile PLM documentation set includes Adobe® Acrobat PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html> contains the latest versions of the Agile PLM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Agile PLM Documentation folder available on your network from which you can access the Agile PLM documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader version 9.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) <http://www.adobe.com>.

The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html> can be accessed through **Help > Manuals** in both Agile Web Client and Agile Java Client. If you need additional assistance or information, please contact My Oracle Support (<https://support.oracle.com>) for assistance.

Note Before calling Oracle Support about a problem with an Agile PLM manual, please have the full part number, which is located on the title page.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

Readme

Any last-minute information about Agile PLM can be found in the Readme file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technetwork/documentation/agile-085940.html) <http://www.oracle.com/technetwork/documentation/agile-085940.html>.

Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) http://www.oracle.com/education/chooser/selectcountry_new.html for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

About Agile PLM 9.3.1.2

This chapter includes the following:

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This chapter contains important information about this product release and lists new features available in this release.

Oracle Agile Service Pack Access

The latest Agile PLM Service Pack software can be accessed at My Oracle Support:

<https://support.oracle.com/CSP/ui/flash.html>

Install and Test Notice

Important Install and test this release on a designated development server before installing it on your production environment. Your development environment should mirror your production environment as closely as possible to provide accurate testing results. It is important to validate the installation of this release, and confirm your integrations are working correctly as part of your minimum due diligence. Any problems or questions noted during your development system testing should be resolved before installing this release on your production environment.

Oracle Application Server 10.1.3.5

Agile PLM 9.3.1.2 supports Oracle Application Server (iAS) 10.1.3.5.0, a patchset to prior releases of iAS 10gR3 delivering fixes to iAS. The Agile PLM application can be installed and started on this updated version of iAS with no apparent issues.

AutoVue 20.1.1

Agile PLM 9.3.1.2 supports the latest version of AutoVue, called "AutoVue 20.1.1 for Agile PLM".

Platform Support

Agile PLM now supports the following browsers, with noted restrictions per operating system (OS) or solution:

- Internet Explorer 9 is supported in Compatibility Mode.
- Solaris 11 is supported for both client OS and server OS.
Note: Oracle Application Server 10.1.3.5 is not certified on Solaris 11.
- Mac OS X 10.7 Lion is supported for client OS.
- Firefox 8 is supported for all Agile PLM 9.x solutions except Recipe & Material Workspace.

Oracle Agile Product Overview Checklist

After reading the content of this Oracle Agile PLM release document, we suggest performing the following tasks:

- Feature Review:
 - Review the New Features and Resolved Issues sections to make sure you understand the overall product changes in this release.
- Business Process Review:
 - After completing the New Feature and Resolved Issues review, make sure you understand if any of your current business processes are impacted by this release and/or if they might need to be modified and re-evaluated. This is a very important preparation step as you move forward with implementing any Agile release. Make sure all of your key business processes are thoroughly documented and you have an overall business owner who understands each process. Use this list of processes as a checklist against the features and changes in this Agile release. You may want to assign a “weight” to each change in terms of how significant an impact it has to your organization (think about re-training users, changing current integrations, etc.)
- Identify resources to install and test this release.
 - Make sure that a test environment is ready and that tests have been developed to ensure this release performs the functions necessary for your business. Verify that the system can be rolled back in the unlikely event of a failure. Make sure that your testing includes all aspects of the product features, all of your business processes and any integration that you may have (AIS, SDK, ChangeCAST, ACS, etc.). If considering switching to LDAP authentication, come up with a plan to test the LDAP integration. Make sure to cover common scenarios like changing password, removing a user, etc.
- Create an upgrade plan and strategy.
 - For a release, we recommend engaging our Oracle Consulting Organization for your upgrade. Validate the hardware configuration according to the Capacity Planning Guide. If you plan to manage your own upgrade, create a very detailed upgrade plan that includes a scheduled start time, an established number of “dry” runs, a pre-determined rollout date, and a designated team of individuals across your organization with detailed knowledge of product, technology, networking, business process, etc.

- Prepare end-user training.
 - We recommend exposing a number of your power users to the new version well in advance of a production rollout to ensure that your users deeply understand the product functionality. Much of the end user training will actually begin during the testing phase. Use this feedback as a basis for your overall end-user training.

Accessing Agile PLM Documentation

PLM Solution and Administration Manuals

Please use this Web site to access your Agile PLM 9.3.x documentation, which includes manuals about installing PLM, configuring and administering PLM, and all the PLM solutions for users:

<http://www.oracle.com/technetwork/documentation/agile-085940.html>

Note The documentation of Agile PLM 9.3.x is no longer accessed through Metalink.

PLM Sample Code and Scripts

Sample code and scripts that pertain to the solutions listed below may be found at

<https://www.samplecode.oracle.com>

On the Oracle Technology Network page, click the **Code Samples** tab. Under "By Product", click **Agile PLM**. Then navigate to the specific samples you want (the rows of the samples begin with the specific product release, such as "9.3.0.3"):

- **Agile Integration Services (AIS)**
- **SDK (including Document Publishing)**
- **Web Services** (using Web Services to integrate with Agile PLM)
- **Event Management** (these samples begin with "9.3")

New Features in Agile PLM Solutions

The following sections list features that have been added to Agile PLM 9.3.1.2.

Report Stability Enhancements

Several settings have been added or modified to enhance the stability of systems that run many reports due to number of users and size of the company's work. These are summarized below.

Administrator Systemwide Preferences

Maximum Reports Executed Simultaneously – This Preference has always applied to Standard Reports only, now applies also to Custom and Scheduled Reports. The value (10) limits the number of reports that can run in any one node of a clustered environment; this value is the number that can be run simultaneously in a single-node system, and a 4-node cluster (for example) can run 40 reports simultaneously.

Multiple Report Restriction – This is a new Preference; its settings and related error messages guard against users attempting to run the same report until their (first) request is completed.

Maximum Report Results – This Preference ensures Administrator and Standard Reports leverage the limits it defines (default is 50,000). Warning or Error messages are now thrown when the maximum limit is approached. The system now distinguishes between BOM-specific reports (governed by a setting in Agile.Properties) and non-BOM-specific reports (governed by this Preference).

Agile Privilege “Full Search Display” should be restricted

The Full Search Display privilege mask (which actually applies to Reports) permits the overriding of the Maximum Report Results for Custom Reports. Therefore, its assignment to users is now recommended to be disabled, never used, or at least severely restricted.

These elements of report stability are documented in the PLM Administrator Guide in the chapters on “Systemwide Preferences” and “Privileges and Privilege Masks”.

Preference for BOM Table Row Expansion

A new systemwide Preference called Maximum Rows for Table Expansion brings to the Administrator UI a control that was previously covered by a hidden property (in Propertytable). It governs the amount of BOM rows allowed to display in Web Client, even in Expanded Display, so that very large BOMs do not overload the system. This Preference observes the existing behavior: Agile shall always show the first level BOM rows regardless of the Preference’s value.

Export Changes Exclude Affected Items Redlines

A new filtering option called Redline Content is available when exporting Change objects in the PDX or aXML export formats. The option allows BOM/AML elements on Affected Items (AI) in the Change object to be exported, and to exclude any redlined content of the AI’s in the Change.

Issues Resolved by HotFix Releases

This chapter includes the following:

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HotFixes Included in this Product Release

The software content of Agile PLM 9.3.1.2 include the following HotFixes (patches):

- Agile Automatic Upgrade Tool (AUT) Releases **AUT1721** and **AUT1722**
- Agile DataLoad (DL) Releases **DL9301** and **DL9310**
- Agile PLM Releases **9.2.1.x**:
 - Rel. **9.2.1.3** HotFix 56.
 - Rel. **9.2.1.4** HotFixes 31, 32.
- Agile PLM Releases **9.2.2.x**:
 - Rel. **9.2.2.2** HotFix 46.
 - Rel. **9.2.2.3** HotFix 56.
 - Rel. **9.2.2.4** HotFixes 100, 101, 102, 104.
 - Rel. **9.2.2.5** HotFixes 86, 90, 91, 93, 94.
 - Rel. **9.2.2.7** HotFixes 17–26
- Agile PLM Releases **9.3.0.x**:
 - Rel. **9.3.0.1** HotFixes 54, 58, 59, 60–69.
 - Rel. **9.3.0.2** HotFixes 28, 57, 59, 64–69, 70–79, 80–84, 86–89, 90, 92, 93, 94, 97, 99, 100, 101, 102, 104, 105, 107, 109, 110, 111, 113–119, 120–123, 125, 126, 127.

- Rel. **9.3.0.3** HotFixes 1, 4, 5.
- Agile PLM Releases **9.3.1.x**:
 - Rel. **9.3.1.0** HotFixes 3, 13, 15, 16, 17, 20–26, 28, 30–39, 40, 41, 42, 44, 45, 47, 48, 49, 50, 52, 53, 55, 57, 58, 59, 60, 62, 63, 64.
 - Rel. **9.3.1.1** HotFixes 1–9, 11–19, 20–29, 30, 33–39, 40–49, 50–59, 60–69, 70, 72–79, 80, 81, 83–87, 89, 90, 91, 94, 98, 99, 101, 103, 104, 108, 111, 112, 116.

The current product release of Agile PLM is **Release 9.3.1.2**.

Automated Upgrade Tool Rels. 1.7.2.1 & 1.7.2.2

AUT_1721

SR 3-3657743801; 3-4083258171

Bug ID 12597343: UNABLE TO SAVE CHANGES. CUSTOMER HAS TWO ERRORS WHEN VIEWING ANY OBJECT IN AGILE931

Root Cause: There is a bad statement that deletes all the properties of the attributes in PageTwo and PageThree during the upgrade.

Resolution: Remove the bad statement in AUT.

and:

Bug ID 12743445: KTU.C: SECOND ARG TO MEMSET() IS NOT A POINTER

Resolution: Closed, not a bug.

and:

Bug ID 12805884: ACTION, REQUIRED REVIEWER, AND SIGNOFF USER INFORMATION IS EMPTY

Root Cause: It removed some rows with affected_item column is null in change_history table during the upgrade.

Resolution: Change the script to update the affected_item to 0 instead of remove them.

AUT_1722

SR 3-4213067297

Bug ID 12870047: MANUFACTURER OBJECT'S WHERE USED TAB IN WEB CLIENT IS NULL AND IN JAVA CLIENT IS UNKNOWN ERROR

Root cause: The data is incorrect in the database before upgrade.

Resolution: Correct the value when upgrading to 9.3.1.1 release during the upgrade.

DataLoad Releases 9.3.0.1 and 9.3.1.0

DL_9301_2

SR (None)

Bug ID 11867126: MANUFACTURER OBJECT LOADED WITHOUT LIFECYCLE PHASE

Root Cause: DataLoad uses common list value method to get Lifecycle Phase values. This is not available for Lifecycle Phase list values of Manufacturers.

Resolution: Special handling of the Manufacturer Lifecycle Phase list value for Manufacturers.

and:

Bug ID 11867176: MANUFACTURER PART LOADED WITHOUT LIFECYCLE PHASE

Root Cause: DataLoad uses common list value method to get Lifecycle Phase values. This is not available for Lifecycle Phase list values of Manufacturer Parts.

Resolution: Special handling of the Manufacturer Part Lifecycle Phase list value for Manufacturer Parts.

DL_9310_3

SR 3-4264655261

Bug ID 12897393: CANNOT ADD CUSTOM COLUMN PAGETWO MULTILISTS IN SOURCE_ITEM TO DATALOAD

Root Cause: Multi-lists 04–15 are not defined in the code level of DataLoad.

Resolution: Add definition to DataLoad code.

DL_9310_4

SR 3-4020065781

Bug ID 12949176: DATALOAD THROWS NULL POINTER WHEN BOM IS LOADED

Root Cause: Code level; calls a method of null object in while loading BOM.

Resolution: Changing code to add the condition to validate the object value and avoid involving null object.

PLM Release 9.2.1.3

9213_56

SR: 3-3087391081

Bug ID 11934391: FTS SEARCH ON AN ATTACHMENT IS NOT WORKING WHEN ASSOCIATED WITH A MCO.

Root Cause: Search side fails to get the latest ECO ID.

Resolution: Added new column latest_released_eco in the item table to only store the latest released ECO.

PLM Release 9.2.1.4

9214_31

SR 3-2805396552

Bug ID 11672157: BOM TEXT ATTRIBUTES FOR THE PARTS AND DOCUMENTS CLASSES HAS THE SAME CONFIGURATION.

Root Cause: Java Client and Web Client were designed to use the Administrator configuration of Parts for both Parts Class and Documents Class.

Resolution: Both clients are enhanced to use Class-specific Administrator configuration for the BOM tables, Redline BOM tables, and the Affected Items tables.

9214_32

Bug ID 13028119: SHOULD NOT ALLOW ITEM TO BE DELETED IF ITEM HAS COMPONENT PARTS ON BOM.

Root Cause: Do not check whether have BOM when deleting item.

Resolution: Check whether have BOM when deleting item, can't delete item if it has data in BOM table.

PLM Release 9.2.2.2

9222_46

SR 3-3137497593

Bug ID 12313303: ROLLUP COST INCLUDES RESPONSES WHICH WERE REMOVED USING RESPONSE-REMOVE-TO AN ITEM

Root Cause: Removed responses are not removed from rollup table.

Resolution: Removed responses' data must be cleared from rollup tables.

Bug ID 12571426: RESPONSE LINES ARE NOT REMOVED FROM THE ROLLUP REPORT WHEN WE HAVE AN ASSEMBLY WITH AN AML

Root Cause: Best price information captured in rollup table is not cleared for all parent items of shared AML when responses for these shared AMLs are removed.

Resolution: Clear price information for all parent items of shared AML when responses for these AML are removed.

PLM Release 9.2.2.3

9223_56

SR 3-2896544211

Bug ID 11881996: NOT ABLE TO PRINT A DISCUSSION WITHOUT THE MODIFY PRIVILEGE

Root Cause: The Modify privilege is used for enabling the print button instead of the Print tab.

Resolution: Use the Print tab privilege to enable the Print button.

PLM Release 9.2.2.4

9224_100

SR 3-2821849901

Bug ID 11876412: CHANGECAST IS NOT EXPORTING VALUES FROM MULTILIST FIELDS IN PARTS CLASS PAGE2.

Root Cause: The node IDs of mutilist04 to mutilist15 in page2 are not in accordance with the ChangeCAST code.

Resolution: Added the new node IDs of mutilist04 to mutilist15 to the ChangeCAST code.

9224_101

SR 3-1488681071

Bug ID 11824691: PAPER CLIP ICON IS MISSING ON THE AFFECTED ITEM TAB

Root Cause: The Flag for the Attachment Icon on a MCO revision of an item is not set according to the prior ECO.

Resolution: Set the correct flags in the revision table of the MCO when releasing an ECO/MCO (and revert back for unreleasing).

9224_102

SR 3-3313402137

Bug ID 12411507: AUTOVUE 20 -- INCONSISTENT BEHAVIOR WITH TEXT BOXES (TYPING TEXT)

Root Cause: CacheUI parameter not being used for the AutoVue Applet when the Applet gets launched in JRE 6 Update 10 and above.

Resolution: Set CacheUI parameter to be "false".

9224_104

Bug ID 13261474: UNABLE TO IMPORT PRICE LINES, SUPPLIER NOT FOUND IN THE LIST OF LEGAL VALUES FOR THIS ATTRIBUTES.

Root Cause: Import fails to find the Price object due to Item revision (rev) format. Also, Import validates the value of "All" using condition of case-sensitive.

Resolution: Normalize the Item rev information, so that the Change number information is ignored. Also, modify code to have the check for "All" as case-insensitive.

PLM Release 9.2.2.5

9225_86

SR 3-1751293361

Bug ID 11713106: USER USAGE REPORTED ERROR

Root Cause: Session IDs are deleted when update the logout time when user closes the browser without logging out.

Resolution: Update the session IDs in the history table even when not in the user_session table.

9225_90

SR 3-3523746741; 3-3808006491; 3-3297962501

Bug ID 12423718: WSX SESSIONS ARE GETTING LOCKED.

Root Cause: In the WSX framework, when an invalid user tries to log in, the server throws an exception. SDK code catches the exception and changes the InitialContext, which is shared across the application, so that all the subsequent requests fail due to the invalid InitialContext.

Resolution: Modify the SDK code to properly handle the InitialContext when a login exception is caught.

9225_91

SR 3-2793984551; 3-3202424571

Bug ID 12381353: "Deviation about to Expire" Notification is not appropriate for a scenario where in the expiry date (Effective to) has already been crossed.

Root Cause: When releasing the deviation after the effective date, the expiration notification will be triggered.

Resolution: System will not consider the state condition. If it approaches the effect date, it will send out an expire notification.

9225_93

SR 3-4571699121

Bug ID 13011870: CANNOT CREATE DISPLAY TYPE OF CHART ON DASHBOARD.

Root Cause: Program Logical Error

Resolution: Changed Files

9225_94

SR 3-4435906681

Bug ID 13080545: HISTORY OF GET FILE ATTACHMENT IS NOT RECORDED

Root Cause: Missed invoking History log function when file type is Folder.

Resolution: Fixed invoking History log for all cases.

PLM Release 9.2.2.7

9227_17

SR 3-2773679992

Bug ID 11689388: AFTER UPGRADING FROM 9.2.2.1 TO 9.2.2.4, WEB SERVICE NO LONGER WORKS

Root Cause: This issue is introduced because of changes in Agile PLM 9.2.2.4 to support OAS 10.1.3.3. If it is not a server resident, then we are using the NetWorkClassLoader to load the classes. WSX is treated as a non-server resident. Because of this, using a network class loader within the same JVM results in a deadlock in the JDK code.

Resolution: Added another flag to determine whether to use the networkclassloader. This flag will be set based on whether the ServerProperties class is available. This will be available only on the server.

9227_18

SR 3-3137400801

Bug ID 11890653: DUPLICATE AFFECTED ITEMS IN CHANGE OBJECT

Root Cause: While adding an Affected Item (AI) on a change, the method that checks for duplicate values does not trim the trailing spaces in the AI number.

Resolution: Trimmed trailing spaces in the AI number before checking for duplicates.

9227_19

SR 3-3133028461

Bug ID 11938898: THE WHERE USED REPORT RESULT IS LIMITED TO 'MAXIMUM QUERY'

Root Cause: Server used the wrong Where Used search API.

Resolution: Used another Where Used search API.

and:

(No SR.)

Bug ID 12396855: 'MAXIMUM REPORT RESULTS' SETTING HAS RESTRICTION TO WHERE USED REPORT

Root cause: Report server filtered the result after getting the row that was required.

Resolution: Filter before getting the required row.

9227_20

SR 3-3408550431

Bug ID 12398043: NOT ABLE TO VIEW ITEM'S ATTACHMENT.FILENAME IN ADV SEARCH AFTER MCO IS RELEASED

Root cause: Search-side fail to get the latest ECO ID.

Resolution: Add a column in item table, set the latest ECO in in the column added.

9227_21

SR 3-3046831061

Bug ID 12567028: GATE ATTRIBUTES ARE RE-ORDERED WHENEVER THE SERVER IS RESTARTED

Root Cause: There is bad data in the demo db which makes the two Attributes:Page Three tabs for Gate subclass. And in our code, there was no protection for this bad data.

Resolution: Removed the bad data and added protection code.

9227_22

SR 3-2211596311

Bug ID 12402561: ITEM LIFECYCLE IS BLANK IN A SOURCING PROJECT

Root Cause: The customized life cycle phase on an Item's subclass is not correctly resolved.

Resolution: Resolved the customized Lifecycle Phase on an Item's subclass by using a subclass ID.

9227_23

SR 3-2934541551

Bug ID 12396088: UPDATING LIST VALUES IN A MULTI-NODE LINUX ENVIRONMENT DOES NOT SYNCHRONIZE

Root Cause: Code logic is not correct when langid is added.

Resolution: Corrected the code.

9227_24

SR 3-3449547491

Bug ID 12630514: THE CHANGE ACTIVITY REPORT INCLUDES EMPTY ROWS ON EXPORT

Root Cause: The report did not handle the case, so the report still attempts to load the Affected Items (AI) table to display many rows in the result table.

Resolution: Handled the case when there is no need to load the AI table in the server. Removed the blank row that prepares AI information.

9227_25

SR 3-3145421121

Bug ID 12683361: PERFORMANCE ISSUE OCCURS WHEN ADDING/REMOVING AFFECTED ITEMS

Root Cause: When adding or removing an item from a change, the action will invalidate all substance information in the Database.

Resolution: Only invalidated the substance related to the item that is removed or added.

9227_26

SR 3-3604236091

Bug ID 12697033: THE QUALITY TAB FOR AN ITEM SHOWS A DUPLICATE PSR.

Root Cause: There are two Items pointed to the same Product Service Report (PSR) in the Relationship table. Duplicated PSRs are generated after a left join between the PSR and the relationship on eff_objid.

Resolution: Added a distinct keyword to the SQL.

PLM Release 9.3.0.1

9301_54

SR 3-2789494901

Bug ID 9561307: THE USER CANNOT GENERATE REPORTS FROM AGILE.

Root Cause: The XML parser is unable to read the template using the method `javax.xml.transform.TransformerFactory.newTemplates(...)`.

Resolution: Replace the XML parser with more current version `xmldom.jar`.

9301_58

SR 3-1835190951; 3-4953537111

Bug ID 10382910: AGILE NOTIFICATIONS STOPPED SENDING WHICH REQUIRED A BOUNCE OF BOTH APPLICATION SERVERS.

Root Cause: Agile is unresponsive due to an out-of-memory error caused by an SMTP socket being blocked from processing email notifications.

Resolution: Added an SMTP connection timeout in the email thread – the default value is 2 minutes. If it cannot connect to the correct email server in 2 minutes, it will timeout and continue to the next thread.

9301_59

SR 3-2510873681; 3-3550727261

Bug ID 10418722: DUPLICATE PSR LINE ITEMS ARE APPEARING IN CUSTOM SEARCHES

Root Cause: The metadata for multi-text attributes are not accurate enough – it causes duplicate records.

Resolution: Updated the meta data information for multi-text attributes in the database. [PSR_ITEM updated to PSR_ITEM_VIEW]

9301_60

SR 3-2133310221

Bug ID 11925766: FAILURE MODE LIST SHOWS AS MULTILIST (WITH A SEARCH)

Root Cause: Only one failure mode metadata can be used for each Affected Item (AI) on the PSR. So essentially, we are really looking at one list--it just has different subsets of values for each of the different subclasses that can be on the PSR AI tab. When users want to edit the failure mode list, it will use class ID to get all the values.

- Resolution: 1. Separate the display lists. If the user is looking up a failure mode for the parts subclass, we will only show part failure modes (not those for documents).
2. Set PSR.AI.Failure Mode list ID to 5132 instead of 4873 – which is the attribute ID. If the total number of failure modes goes below 250, the administrator must manually change it back to list.
3. Hide the failure mode list display mode for parts, documents, etc. (since we use the display mode from the PSR failure mode list). This will avoid confusion if there is more than one list being used.
4. Use the subclass ID to get values for a specific failure mode list.

9301_61

SR 3-3338383931

Bug ID 12421066: COVER PAGE.CHANGE CATEGORY FIELD IS NOT AVAILABLE

Root Cause: CoverPage.Change Category for class CLASS_DEVIATION and class CLASS_STOP_SHIP is filtered by hard coding in com/agile/admin/server/agileclass/AbstractClassObject.java (from line 999 to line 1012).

Resolution: Removed hard code.

9301_62

SR 3-4137739241

Bug ID 12589502: THE KEYWORD LIST FROM A TEMPLATE IS NOT PROPAGATED INTO THE CREATED PROJECT

Root Cause: The PPM server-side does not copy the value from multilist values into the "MSATT" table when the user tries a Save As operation.

Resolution: Copied the original Project keywords multilist values to a new Project in the "MSATT" table when performing a Save As operation.

and:

Bug ID 12828472: CONTENT TAB SHOWS A BLANK PAGE FOR PROGRAM OBJECTS WITH NO PROJECT KEYWORDS

Root Cause: This issue is caused by HF 9.3.0.1.62. It did not consider that the null is a valid value for 'Project Keywords'. Hence, it will trigger a NullPointerException.

Resolution: Added a Project keywords condition to avoid a NullPointerException.

9301_63

SR 3-1651939111

Bug ID 12907572: CUSTOM REPORT USING WHERE USED SEARCH THROWS AN INPUT STRING ERROR.

Root Cause: When performing a Where Used Search, the wrong index is used to build the item.number column.

Resolution: Fixed the index when performing a Where Used Search.

9301_64

SR 3-2571608231; 3-4776559321

Bug ID 12960955: AUTOPROMOTE FAILURE NOTIFICATION IS NOT SENT OUT IN AGILE BUT HAS HISTORY RECORD

Root Cause: If the Workflow status setting CCB > "If Rejected, set Status to" is set to blank, when an Approver does reject, it will insert a value "-1" in change_history table as Next_Status_ID for autopromotion fail action row, which raises exception when prepare notification body to get the status type by ID.

Resolution: Set the Default Next Status value when do reject and log Change History tab.

9301_65

SR 3-4503659541

Bug ID 13001118: APPLICATION ERROR OCCURS WHEN INVOKING A PROCESS EXTENSION FROM THE ACTION MENU

Root Cause: The subtab display depends on the parentObject by row key. When the Process Extension (PX) was invoked, a new request such as the refreshObjectTable changed the context and cleared the Client Session – causing the row key to become missing--so it failed to create the grid for the subtab.

Resolution: Do not clear the Client Session when executing the PX – only set the associated modules to be uninitialized.

9301_66

SR 3-4357454571

Bug ID 13030110: ITEM ACTIVITY REPORT REPORTS A CRASH TO THE SYSTEM.

Root Cause: The SAX parser (org.apache.xerces.parsers.SAXParser)/XML parser tries to load all jar files in the class path to find the xml parser. The jdk will open this jar file when loading, it hits the Native I/O and causes the Native method to run out of memory.

Resolution: Reduced xml loading by the cache for the sax parser, and explicitly indicated the

org.apache.xerces.parsers.SAXParser in the xerces.properties under <jdk_home>\jre\lib.

9301_67

SR 3-4473089091

Bug ID 13014472: REPORT DISPLAY HANGS ON "SERVER IS GENERATING..."

Root Cause: When a report execute pool is full, the report thread hangs.

Resolution: When a report execute pool is full, an exception is thrown to the client--reminding the user that the report server is busy.

9301_68

SR 3-4264833271

Bug ID 12970747: FIELDS MARKED AS EXIT REQUIRED BUT NO ERRORS OR WARNINGS.

Root Cause: Change Analyst fields are using 0 to express the field and is empty in the Cache.

Resolution: Replaced 0 to null if the field is empty before doing the required field checking.

9301_69

SR 3-4367466051

Bug ID 13088497: UNABLE TO REDLINE MULTILIST ATTRIBUTE HAVING SPECIAL CHARACTER AS VALUE.

Root Cause: The quotes symbol (") is a special character used in HTML.

Resolution: Encode the " symbol into the corresponding escape character in HTML.

PLM Release 9.3.0.2

9302_28

SR 3-1588867341

Bug ID 10240366: MULTIPLE SUBSCRIPTION NOTIFICATIONS SENT

Root Cause: The Affected Items (AI) tab of the Change object records all items of its sites. If there are multiple sites, then the subscription API is called multiple times and multiple subscription notifications are generated.

Resolution: Determine if the AI object has called the subscription API. If it already has, then it will not call it again.

9302_57

SR 3-2567603751

Bug ID 10411515: THE SAVED SEARCHES CRITERIA \$TODAY SHOWS NULL INSTEAD OF THE CORRECT VALUE

Root Cause: \$TODAY can't converted to the correct value

Resolution: Added a date check function for the \$TODAY's validation.

and:

SR 3-2908528882

Bug ID 11720647: WHEN ADDING THE AFFECTED ITEMS.ITEM CATEGORY IN [PARTS] PWB TO A SEARCH CRITERIA, THE RESULTS ARE EMPTY.

Root Cause: The attribute ID is too long to be recognized.

Resolution: The attribute ID was considered as an Int type in Web Client, it will be truncated if the ID value is larger than the maximum number for the int. So now we treat the ID as a String type to avoid this issue.

9302_59

SR 3-2035882711

Bug ID 11774901: DASHBOARD SEARCH WARNING – 93 DB UPGRADE ISSUE

Root Cause: A popup warning message occurs when setting a query while configuring the dashboard and it won't save the query. So after a user selects continue and clicks finish, the query will be lost.

Resolution: After the user selects continue and clicks finish, a flag is set to tell the system that the query is modified, so it will try to save the query.

9302_61

SR 3-1705427101

Bug ID 11680461: TAKES TOO LONG TO SET A VALUE TO A CASCADE LIST

Root Cause: Each `cell.setValue(list)` in the SDK client makes several multiple server calls to retrieve AdminLists for validation of an entry value and a setting list. The Server AdminList is not retained until a current single cell is processed and that causes a performance issue--particularly when list sizes are bigger (such as 1000 entries).

Resolution: Identified that `getAvailableValues()` and `getAdminList()` methods access the server from different points and construct CascadeList objects in the SDK client after retrieving AdminLists. To improve performance, a new ListCachMgr object is created to cache those retrieved lists and both `getAvailableValues()` and `getAdminList()` methods check the availability of the list in cache before they go to the server. This approach increases performance.

9302_64

SR 3-3046443331

Bug ID 11819909: RECEIVING PROTOCOL AND OTHER ERRORS

Root Cause: The Modify privilege check of the ChangeControl Attributes causes an endless loop.

Resolution: Checked the creditability of the table after adding the ChangeControls rows.

9302_65

SR 3-2789494901

Bug ID 11702780: NOTIFICATIONS FROM A DEVIATION OBJECT ARE MISTAKENLY SENT OUT TO UNINTENDED USERS

Root Cause: The old design judges the Change Analyst field of the change object cover page. If it is not set, it will send the notification to all Change Analysts group users.

Resolution: If the Change Analyst field is not set, it will not send the notification to all Change Analysts group users.

9302_66

SR 3-2985452051

Bug ID 11874152: AGILE CONFIGURATION PROPAGATION (ACP) FLEX FIELD PROPAGATION FAILS

Root Cause: Used a wrong function to get the attribute's name.

Resolution: Switched to the correct function.

9302_67

SR 3-3192867711

Bug ID 11887611: AN ERROR OCCURS WHEN ADDING A FILE USING THE ADVANCED FILE UPLOADER SETTING AND JRE 1.6.0.24 ON THE CLIENT MACHINE

Root Cause: The file uploader is not compatible with JRE1.6.0 Update 24.

Resolution: Changed the incompatible code.

9302_68

SR 3-2750179521

Bug ID 11843910: CANNOT DELETE FILE ASSOCIATIONS, JAVA CLIENT HANGS WHEN A USER CLICKS SAVE.

Root Cause: When sorting file associations, Java Client should handle the displayed format with a new list (remove the selected to delete), not the original one. This will throw an exception and also create bad metadata.

Resolution: Fixed the Java Client code and also fixed some metadata.

9302_69

SR 3-2245913061

Bug ID 11892774: THE PROCESS EXTENSION DOES NOT GET PRIVILEGES OF ROLE ASSIGNED.

Root Cause: A resolution for another issue in 9.3.0.2 was the root cause. ThreadLocal in ThreadContext class has been changed from ThreadLocal to InheritableThreadLocal. This caused the ThreadLocal variable to be shared across parent and children threads.

Resolution: Remove the code for the resolution to the other issue.

9302_70

SR 3-2910932031

Bug ID 11878212: QUICK SEARCH IS RUNNING SLOW WHEN USING WILDCARD CHARACTERS.

Root Cause: Quick Search SQL performs a bad execute plan and slows down the performance.

Resolution: Added hint ALL_ROWS into Quick Search SQL to change the execute plan.

9302_71

SR 3-3087262111

Bug ID 11892466: DEADLOCK ISSUE WHEN ENGINEERING COLLABORATION IS LOOKING FOR THE RELATIONSHIP TABLE OF A DESIGN

Root Cause: Deadlock happens when reading the version information from Design object's cache.

Resolution: Get the version information directly from the database instead of the cache.

9302_72

SR 3-3072705621

Bug ID 12317091: ADVANCE SEARCH IS NOT WORKING FOR PRODUCT SERVICE REQUEST

Root Cause: The metadata for a multiple list attribute is not accurate enough, it causes the Advanced Search to not work.

Resolution: Updated the metadata information for multiple list attributes in the database.

9302_73

SR 3-2818618111

Bug ID 12338284: CANNOT REFRESH USER FROM LDAP TO AGILE

Root Cause: The pre-defined transaction timeout for the LDAP synchronization task (2 hours) is not long enough for those case that have more than 300,000 LDAP users being modified since the last update.

Resolution: Provided a solution to allow this transaction timeout for LDAP synchronization task being configurable in the Agile configuration property file (agile.properties). If a longer time is required, a parameter "ldap.mtask.trans.timeout" can be defined after installation. By default 2 hours (7200 minutes) is used if this parameter is not defined in agile.properties.

9302_74

SR 3-2570847051

Bug ID 12335506: REPORT FAILS USING A PWB OBJECT SEARCH WITH \$TODAY IN IT

Root Cause: When assigned a usergroup with a current login user, it occasionally loses the "user context" information on a cluster environment--so a NullPointerException occurs.

Resolution: Avoid a NullPointerException. If the user context information is lost, a new IDName value with no usergroup assigned is attempted.

9302_75

SR 3-2570847051

Bug ID 11934322: SEARCH CRITERIA IS NOT LOADED FROM THE LAST SEARCH CORRECTLY.

Root Cause: The position of prompt value couldn't be remembered in search criteria.

Resolution: Store query bean info in session.

9302_77

SR 3-3168430911

Bug ID 11872377: THE LIST VALUES ON MULTILIST ATTRIBUTES FOR A PRICE LINE CANNOT BE EDITED DURING A PCO.

Root Cause: Multi-list attributes were using a PCO class ID instead of a Price class ID for obtaining list values while redlining pricelines.

Resolution: While redlining, used Price class ID instead of a PCO class ID for multi-list attributes.

and:

Bug ID 12541439: LIST & MULTILIST IN THE ADD NEW PRICELINE DIALOG SHOWS NO VALUES

Root Cause: Correct class ID not sent for multi-list attributes while getting list values.

Resolution: For multi-list fields, used special argument to detect that add priceline is from the PCO context (redline add) and then set class ID to Price.

9302_78

SR 3-2084489241

Bug ID 12365538: UNKNOWN DIRECTORY SERVICE PROVIDER

Root Cause: Concurrency problem.

Resolution: Fixed in code

9302_79

SR 3-3047508961

Bug ID 12416432: A SEARCH QUERY STRING WITH A PARENTHESIS CANNOT BE USED IN THE LIST PALETTE

Root Cause: D Bad supporting expression causes a failure when searching for some special characters, such as Open Parenthesis "(".

Resolution: Removed the supporting expression.

9302_80

SR 3-3475766391

Bug ID 12544884: THE AGILE PPM-FF DEPENDENCY IS NOT WORKING AS EXPECTED

Root Cause: A predecessor exception occurs when validating dependencies that are attached to completed tasks.

Resolution: Ignored dependencies data validation for completed activities.

9302_81

SR 3-2580986721

Bug ID 12567038: BLANK CONTENT IN EXCEL OUTPUT OCCURS IN THE RUN ITEM ATTRIBUTE HISTORY REPORT

Root Cause: Special characters are not handled in the report.

Resolution: Handled the special characters.

9302_82

SR 3-3248113171

Bug ID 12424828: USER IS NOT ABLE TO SEARCH FOR PARTS IN AGILE

Root Cause: Privilege checking receives an incorrect value when a Multilist contains a large amount of data.

Resolution: Made sure privilege checking gets the correct value when a Multilist contains a large amount of data.

9302_83

SR 3-3399828151

Bug ID 12542171: SAVE AS WORKFLOW HAS AN ERROR WITH THE INPUT STRING -- THE WORKFLOW STATUS ENTRY NOTIFY USER GROUP CONTAINS A SPACE IN THE NAME

Root Cause: Wrong parse method used in
apcm\src\com\agile\admin\server\workflow\ImportWF.java.

Resolution: Used `lastIndexOf` instead of `indexOf`.

9302_84

SR 3-3475766391

Bug ID 12587683: AGILE PPM: CANCELED GATES STILL APPEAR ON THE PROJECT SUMMARY

Root Cause: The canceled Gate object is not filtered out with the load "Project Gates" widget.

Resolution: Checked whether the Gate object is in a Canceled status for the load "Project Gates" widget.

9302_86

SR 3-3211504421

Bug ID 12398351: JAVA CLIENT - LIST VALUE OF CRITERIA ISN'T PROPERLY CONVERTED.

Root Cause: Java Client cannot recognize the enhanced criteria data format for some list attributes.

Resolution: Java Client accommodates itself to the enhanced criteria data format

9302_87

SR 3-2958140181

Bug ID 12622522: FREQUENTLY RECEIVING NULL POINTER EXCEPTION WHILE DOING * SEARCH

Root Cause: The user isn't synced in the User Cache, so the user is not able to be loaded from the User Cache.

Resolution: Forced loaded the user to the user cache if the user didn't exist.

9302_88

SR 3-2347540071

Bug ID 12416446: AN ERROR OCCURS WHILE LOADING PAGE TWO AND PAGE THREE DATA

Root Cause: Adding items while updating rows in BOM tab, the server assigns the BOM item_number's source attribute (item_number) as the modified attribute.

Resolution: Corrected this design for BOM item_number attribute by reassigning the BOM item_number attribute as the modified attribute.

9302_89

SR 3-2393153591

Bug ID 12642148: CANNOT PREVENT USERS FROM DELETING PROGRAMS.

Root Cause: As Object VOCellObject design, it only allows an integer as its value, so the left value becomes "0" (the number zero) while the real value is null (no value). So it will be counted as not null--but in fact it is null while doing a privilege evaluation.

Resolution: Added a special handle to covert "0" to "" for privileges evaluation for column "create from template".

9302_90

SR 3-3389114511

Bug ID 12585239: IUPDATETITLEBLOCKEVENTINFO#SETCELL CANNOT SET NULL AS THE DATE ATTRIBUTE

Root Cause: The Null value is not properly handled.

Resolution: Handled the null value.

9302_92

SR 3-3836389851

Bug ID 12688798: MANUFACTURERS NAME FILTER IN THE AML TAB IS NOT WORKING IN CERTAIN PCM PROJECTS.

Root Cause: When possible values for a filter exceeds a limit, they are presented as a search instead of a select list.

Resolution: Retained the select list for PCM filters even when the limit is exceeded.

9302_93

SR 3-3925679981

Bug ID 12714710: AN ERROR OCCURS DURING ACP DEEP COMPARE OF USER GROUPS

Root Cause: Agile Configuration Propagation (ACP) does not check the availability of Data Type data when comparing User Groups.

Resolution: ACP needs to check if data is available for comparison.

and:

SR 3-3995631461

Bug ID 12733445: ACP DEEP COMPARE OF WORKFLOWS IS INCONSISTENT

Root Cause: ACP does not compare workflows properly.

Resolution: Modified the logic of comparing workflows.

9302_94

SR 3-2704208201

Bug ID 12746603: USER ADD DATE / SIGNOFF DATE ARE INCORRECT ACROSS TIME ZONES

Root Cause: Server converts twice to get the user local time.

Resolution: Changed the design and only convert once to get the user local time.

9302_97

SR 3-3943607591

Bug ID 12746703: ASSEMBLY COST REPORT IS MISSING RANDOM COMPONENT PRICING

Root Cause: Subsequent batches do not execute after the first one when suppliers are specified in an optional lookup criteria. An internal batch size of 3000 is used and the problem does not occur when there are fewer items since only one batch executes.

Resolution: Created a list of suppliers before batching up the code.

9302_99

SR 3-3899610581

Bug ID 12746691: AML STATUS NOT SHOWN IN THE RESPONSE EXPORT

Root Cause: AML Status was not specially-handled like some other attributes to force it into the export configuration.

Resolution: Specially-handle AML Status so that it is exported.

9302_100

SR 3-3819752911

Bug ID 12784158: UNABLE TO GET INFORMATION USING IEVENTDIRTYROWUPDATE ON UPDATE-RELATIONSHIP EVENT.

Root Cause: Revision information is not been set in the client request.

Resolution: Added check if `requests[0].getRevKey().getObjClass()==-1` then `setObjClass(AdminType.BASECLASS_CHANGE)`, if `requests[0].getRevKey().getObjID()==-1` then

`setObjID(CMType.DOSITEREV_REVCODE_REVINTRO)`

9302_101

SR 3-3744773621

Bug ID 12796877: THUMBNAILS OF IMAGE FILES ARE DISPLAYED AS N/A IF AUTOVUE IS NOT CONFIGURED.

Root Cause: Has Autovue library dependency while generating a thumbnail for direct image types without Autovue installed.

Resolution: Removed the dependency of the AutoVue library for Direct Image Thumbnail generation.

9302_102

SR 3-4078050031

Bug ID 12805425: GROOVY SCRIPT ON DOCUMENT OBJECT SAVE HAS A TRANSACTION FAILURE THAT IS HOLDING UP PRODUCTION.

Root Cause: The privMask in UserContext, which is passed with EventInfo to scriptPX, is lost because it is a transient field that is not serialized.

Resolution: Reset this transient field in AgileDSLSessionBean.

9302_104

SR 3-3845156631

Bug ID 12727372: UNABLE TO RECEIVE CUSTOM MSG FOR ACTIONRESULT.EXCEP.

Root Cause: When deleting rows, we get a CMClientException that includes the error message from Process Extension, but we do not handle this error (to display the error in DMS).

Resolution: Added code to handle the exception that is thrown while using the Event framework to delete the table rows.

9302_105

SR 3-3052217251

Bug ID 12846784: AGILE.XML IS MISSING THE BOM COMPONENT REVISION WHEN THE ACS FILTERS ARE APPLIED

Root Cause: Exporting to an aXML BOM level is "Current level selected + 1" and currently Agile does not load the revisions of the lowest BOMs with level=1.

Resolution: Loaded revision and Active revision for items on BOM Export.

9302_107

SR 3-2301071641

Bug ID 12660528: ATO IS EXTRACTING VERY SLOWLY AND THE ATO EXTRACTION HAS ERRORS

Root Cause: For an item having an '*n*' revision, the system needs to run '*n*n*' times for the revision to set an MCO revision and obsolete the date. This takes a lot of time for additional revisions.

Resolution: Sorted the Item revisions by release date and changed the loop logic.

9302_109

SR 3-4472772466

Bug ID 12981965: ERROR MSG PROMPT OCCURS WHEN SETTING THE PERSONAL VIEW AS THE DEFAULT.

Root Cause: Editable array of rows in the Change AI table is not correct when loading the table using a personal view.

Resolution: Set the correct value to the editable array.

9302_110

SR 3-4204094401

Bug ID 12925768: FAILOVER FUNCTION FAILS FOR THE AGILE CLUSTER ON WEBLOGIC.

Root Cause: When the user executes a Menu command for Create New Part, a CreateNewObjectTableModel instance is created and stored in the Client Session in the primary server (ClientSession instance is store in HttpSession). With Web Logic, the session.setAttribute call will result in a session replication – so the CreateNewObjectTableModel instance is not replicated to the backup server. After the primary server shuts down and the backup server serves the user, it can't find the CreateNewObjectTableModel instance resulting in an exception when saving the part.

Resolution: Set the CreateNewObjectTalbeObject in the httpSession so it would be replicated across the cluster.

9302_111

SR 3-2696155811

Bug ID 12759726: AGILE CONFIGURATION PROPAGATION (ACP9302) DOES NOT FAITHFULLY COPY OVER ENTIRE CONFIGURATION

Root Cause:

Issue 1: Wrong APIs are used to create dashboard tables and attributes.

Issue 2: Criteria object is not refreshed after its properties are saved.

Issue 3: Wrong logic is used to resolve selected applied to values on these privileges.

Issue 4: Default Value is not handled properly for multilist attributes.

Issue 5: When a list is not editable, only Display Type is editable on General Information tab. ACP skips Display Type when it finds a list is not editable.

Issue 6: ACP should not export list entries of list Organizations because its entries are dynamic that is same as dynamic lists.

Resolution:

For Issue 1: Switch to new APIs.

For Issue 2: Refresh criteria object.

For Issue 3: Switch to the correct logic.

For Issue 4: Add the logic of handling Default Value on multilist attributes.

For Issue 5: Update Display Type when a list is not editable.

For Issue 6: Don't export list Organizations entries.

9302_113

SR 3-4199471031

Bug ID 13041016: AGILE PCM -- ITEM LIFECYCLE DOES NOT COPY INTO SOURCING PROJECT (SP) WHEN ITEM IS ADDED

Root Cause: Subclass value was not used while fetching Subclass-specific Lifecycle Phase.

Resolution: Use Subclass to get correct Lifecycle Phase on Items.

9302_114

SR 3-4269730961

Bug ID 12982588: CANNOT CREATE A QUALITY CHANGE REQUEST (QCR) FROM A RELEASED, HOLD OR CLOSED PRODUCT SERVICE REQUEST (PSR).

Root Cause: The Actions menu is disabled due to the fix of Bug 7054324.

Resolution: Make the Actions menu Enabled, even when the PSR is in one of these statuses: Canceled, Released, Implemented, or Hold. Besides, the Server allowed the QCR to be added into its Relationship.

9302_115

SR 3-4216678561

Bug ID 13041025: AGILE PCM STANDARD REPORT - SOURCING REPORTS/ACR DOES NOT GIVE RESULTS

Root Cause: Out-of-box (OOB) Part subclass was incorrectly being used as default subclass while loading costed BOM and ACR rows.

Resolution: Fixed by loading actual subclass.

9302_116

SR 3-4366680691

Bug ID 13073126: CHANGECAST OUTPUT WRONG REDLINE OF MANUFACTURER INFORMATION

Root Cause: The sequence of <RedlinedAMLRowCurrent/> and <Manufacturers/> of XML outputted by EXPORT is not consistent.

Resolution: Get the value consistently from the <RedlinedAMLRowCurrent/> and <Manufacturers/>.

9302_117

SR 3-4403949671

Bug ID 13028071: CREATED NOTIFICATIONS CANNOT BE USED AFTER RESTARTING AGILE APPLICATION SERVER.

Root Cause: When starting Agile Application Server (AAS) and loading template, it loaded "landid=0" (English user) records.

Resolution: When loading template during startup of AAS, system is not checking "landid" with the login user's language.

9302_118

SR 3-4462018881

Bug ID 13146749: IMPORT IS INCORRECTLY IMPORTING FILES, AN INTERMITTENT PROBLEM

Root Cause: "Equals" method is not implemented properly between two equal objects.

Resolution: Implemented the "Equals" method correctly.

9302_119

SR 3-4472772401

Bug ID 13041076: EXPORT GIVES AN INVALID VALUE FOR SITE IN AFFECTED ITEMS

Root Cause: Site information is not exported for duplicate Affected Item rows.

Resolution: Get revision with more info.

9302_120

SR 3-4558040011

Bug ID 13095992: ITEM HISTORY IS UPDATED BEFORE THE CHANGE ORDER WITH REDLINE IS RELEASED

Root Cause: Pass Class ID instead of Subclass ID when trying to get CMAttInfo object.

Resolution: Pass Subclass ID when trying to get CMAttInfo object.

9302_121

SR 3-4714534721

Bug ID 13086873: SESSION.GETOBJECT(NULL, REQUEST) RETURNS "60018" ERROR

Root Cause: To launch Process Extension (PX) in a new browser window, Agile server constructing UTF-8 encoded URL string and invoked by using JavaScript window.open() method. Case of IE browser, such already-encoded URL String changing to junk characters.

Resolution: Instead of encoding URL string in server, it is done in client using Java Script encodeURIComponent(url).

9302_122

SR 3-4843892728

Bug ID 13374519: XML HAS COMMA IN NUMBER FIELD AFTER APPLYING HOTFIX

Root Cause: :NumberFormat

Resolution: Replaced all commas with ""

9302_123

SR 3-4855955301

Bug ID 13413047: USER SIGNOFF DURATION REPORT DISPLAYS NO DATA

Root Cause: The ampersand character "&" is not converted in the Report XML output. The "&" comes out of a workflow status "Operations & Finance Review".

Resolution: We should convert the special characters when generating XMLs for Reports.

9302_126

SR 3-3190983781

Bug ID 13476826: SEARCH FOR CERTAIN BOM ITEMS RETURNS INCORRECT RESULT

Root Cause: Currently system is Base on Table for the AND function.

Resolution: Change to Base on Row for AND function.

9302_127

SR 3-4917196791

Bug ID 13471250: EXTREMELY SLOW RECORD SAVING WHEN USING THE COMMODITY ATTRIBUTE IN AGILE

Root Cause: Thousands of parts were associated to one Commodity, while assign one Commodity to a Part, we need load all those object to cache.

Resolution: We will follow the same resolution as Where-Used table. We limit results in Part Group, do not load all the Parts to the cache. Parts table (default 1000 max 5000) in Web Client only. Add Export option to send all results up to the Reporting Limit Preference (default 50,000 max 500,000) in Web Client only.

PLM Release 9.3.0.3

9303_1

SR 3-3790903511

Bug ID 12690720: SEARCH ON LIST VALUES CONTAINING SPECIAL CHARACTERS THROWS A JAVA ERROR.

Root Cause: A special character cut off the normal code segment.

Resolution: Escape those characters.

9303_4

SR 3-4363498398

Bug ID 12997746: SEARCH FOR USER ROLES FAILS TO EXPORT TO EXCEL

Root Cause: In code level, it fetches user roles after writing data into temp file for export.

Resolution: Fetch user roles in batch before writing data into temp file for export.

9303_5

SR 3-3883456481

Bug ID 12780336: EDITING SEARCHES WITH PROMPT LOSES PREVIOUSLY SAVED CUSTOM FORMAT DISPLAY

Root Cause: The format is not being recalled if criteria includes a Prompt value.

Resolution: Set format into query bean.

PLM Release 9.3.1.0

9310_13

SR 3-2794511173; 3-2795189013; 3-2794323271

Bug ID 11663798: AGILE CONFIGURATION PROPAGATION (ACP) FAILS WITH ERROR.

Root Cause: Wildcards are not correctly handled.

Resolution: Added code to handle wildcards in criteria.

9310_15

SR 3-2567801891

Bug ID 11056165: WHEN ADDING A RELATIONSHIP RULE, THE USER CANNOT SEE THE OBJECT NUMBER IN THE DROP DOWN LIST

Root Cause: The redundant subclass name prefix causes the object number to be truncated.

Resolution: Removed the redundant subclass name prefix from the object number.

9310_16

SR 3-2511604181

Bug ID 11836491: ERROR DESTROYS SEARCH REFERENCES

Root Cause: The select control is improperly destroyed.

Resolution: Added stricter requirements to check whether it is appropriate to destroy the selected control.

9310_17

SR 3-3194124991

Bug ID 11879308: TRANSFERRED MCO CONTAINS STRANGE DATA IN THE BOM OUTPUT

Root Cause: If a Manufacturer Change Order (MCO) is the last row in its Affected Items (AI's) Change History table, the problem will be reproduced. The code performs loop statements to find the MCO in the AI's change history list and does not reach the last one.

Resolution: Check to ensure that the MCO in the AI's Change History is correct.

9310_20

SR 3-3288406371

Bug ID 11935448: AN ERROR OCCURS WHEN ADDING A FILE USING THE ADVANCED FILE UPLOADER SETTING WITH JRE 1.6.0.24 ON THE CLIENT MACHINE

Root Cause: File uploader is not compatible with JRE1.6.0 Update 24.

Resolution: Changed the incompatible code.

9310_21

SR 3-2884258311

Bug ID 12320884: File Manager initialization failed when File Manager URL configured with https.

Root Cause: The `axis.jar` was upgraded and customized to Apache new version 1.4. Only one cookie was retained in Apache HttpSender's `handleCookie` method call, which causes the validated `jSessionID` to be lost while starting up File Manager.

Resolution: Code Fix so that we will not chop off cookie while doing authentication.

9310_22

SR 3-3216087171

Bug ID 12328517: SMARTRULES (DUPLICATE REF DES NOT WORKING CORRECTLY)

Root Cause: The conditional judgment is mixed up when comparing whether the duplicate RefDes is allowed.

Resolution: Correct the conditional judgement.

9310_23

SR 3-3182323491

Bug ID 12326784: CAN'T REPLY TO A DISCUSSION IF THERE ARE TOO MANY MESSAGE AND THE USER IS NOTIFIED

Root Cause: The Admin criteria feature did not have a test case using Dynamic lists such as Customer list and PF Commodities list.

Resolution: This fix is provided only for this customer because they have less than 100 objects in their Customers list and PF Commodities list. This fix allows the application to list objects in the Customers list and PF Commodities list by making them enumerable lists. A general solution to address this issue will be provided in a future release.

9310_24

SR 3-3238262079

Bug ID 12312496: WHEN ADDING RELATIONSHIP RULE, USER CANNOT SEE OBJECT NUMBER, ONLY OBJECT TYPE

Root Cause: The redundant subclass name makes the rule hard to read.

Resolution: Remove the redundant subclass name from the object number.

9310_25

SR 3-2704740681

Bug ID 12398367: A BULK CHANGE ON A CHANGE ORDER POPULATES AN INVALID PART NUMBER.

Root Cause: The column index is used instead of the attribute ID to retrieve the attribute value.

Resolution: Used the attribute ID to get the attribute value.

9310_26

SR 3-3430277191

Bug ID 12551512: ERROR 'JAVA.LANG.NULLPOINTEREXCEPTION' OCCURS WHEN SEARCHING QCR

Root Cause: It did not handle the case when the value of the variable is null

Resolution: Covered the null value case

9310_28

SR 3-3484157351

Bug ID 12584925: OWNER ATTRIBUTE CANNOT BE RENAMED IN PPM (V9.3.1)

Root Cause: The attribute "Owner" name is hard-coded on the create new project from template page.

Resolution: Used the attribute "Owner" name from the administrator setting instead of hard coding on the create new project from template page.

9310_30

SR 3-3701326841

Bug ID 12630462: FAILED TO REPLICATE A NON-SERIALIZABLE OBJECT

Root Cause: Some classes did not allow interface serializable implementation, so they failed to replicate the object across the servers.

Resolution: All classes are serializable.

9310_31

SR 3-3832040971

Bug ID 12696990: APPLICATION ERROR OCCURS WHEN SUBSTITUTING TEAMS IN PPM

Root Cause: When doing a "Substitute", Agile will read the current selected team from the existing cache. If the total team number is more than 30 (the default value in system), the Agile system will have pagination and the team records of following page (like PageTwo) will reload from the server and override the before team records (such as the PageOne) in the cache. So the before teams cache will be gone in the cache and if you choose these teams, an application error will occur.

Resolution: If the selected team doesn't find in existing Cache, it will reload from server and cache it.

9310_32

SR 3-3453608591

Bug ID 12716721: RUNNING REPORT ERROR: "SOMEONE IS WORKING ON THIS OBJECT" OCCURS WHEN PERFORMING THE "OTHER ACTION".

Root Cause: The SQL statement for the Load Historical Report tab is too slow, so the thread is held up here. When performing an "other action", it will throw a "someone is working on this object..." error.

Resolution: Improved the SQL performance.

9310_33

SR 3-3732496559

Bug ID 12652813: PUBLISHING ASSEMBLY PRICES FROM A SOURCING PROJECT PUBLISHES INCORRECT MATERIAL PRICES

Root Cause: The best of supplier-rolled-up prices were published for every supplier on an Assembly Response line.

Resolution: Selected partner-specific rolled-up material prices for publishing assembly prices.

and:

Bug ID 12862180: ROLLED UP PRICE PUBLISHED IS NOT CONSISTENT WHEN WE HAVE TWO PARTNERS (QA Logged)

Root Cause: When a Partner is selected as best for the Assembly level, we end up with multiple rows for that Supplier in the Cost Roll Up table.

Resolution: Added an additional condition to pick up the Material Price only from the Partner row of the rollup table--even though the same Partner may be selected as best and also occurs in the best of Supplier row in the Cost Rollup Table.

9310_34

SR 3-3731905351

Bug ID 12652828: AML DATA IS NOT UPDATING CORRECTLY FOR NON-ROOT ITEMS

Root Cause: According to the Revision Number of the item, our application finds the pending Change instead of the release Change.

Resolution: Added a condition to filter the pending Change and get the released Change.

9310_35

SR 3-2225237161

Bug ID 12746586: NEED SUPPORT FOR AN ADDITIONAL LDAP SERVER.

Root Cause: this is an Enhancement Request.

Resolution: Added support for another LDAP server (Microsoft ADAM (AD LDS)) for the Agile Application Server.

9310_36

SR 3-2930687931

Bug ID 12720464: THE WHERE USED REPORT LEVEL RESULTS ARE INCORRECTLY SORTED

Root Cause: 'Distinct' & 'Order by' disorders the Oracle cascade query

Resolution: Removed 'Distinct' & 'Order by'

9310_37

SR 3-4003023931

Bug ID 12811630: IN AGILE TIMESHEET REPORT, NEW AND OLD VALUES ARE NOT UPDATING PROPERLY FOR TIME.

Root Cause: The input for the day is count-based on 12:00 and 0:00, so input for the same day is counted as two different days. That's why the old value and actual hours are incorrectly shown..

Resolution: Updated all time to be of 0:00 format so that it is counted on a date base.

and:

SR 3-4034536391

Bug ID 12814006: TIMESHEET SHOWS INCORRECT VALUES AT RANDOM TIMES

Root Cause: The input for the day is count-based on 12:00 and 0:00, so input for the same day is counted as two different days. That's why the old value and actual hours are incorrectly shown..

Resolution: Updated all the times to be of the 0:00 format so that it is counted on a date base.

9310_38

SR 3-4045257971

Bug ID 12826090: After an upgrade to Agile 9.3.1, the user is unable to see User Groups from the User List object.

Root Cause: For a list attribute which refers to Users, the option 'Search within the usergroup' is not added when there are more than 200 user groups in the application.

Resolution: Adding an option when the number of user groups is larger than 200.

9310_39

SR 3-3997682211

Bug ID 12861324: SETTING THE AUTO-SELECT TO "SET AS BEST" DOES NOT CHOOSE THE LOWEST PRICE.

Root Cause: The auto-select request has a default setting of using the Material Price for analysis.

Resolution: Revert the setting for using Material Price for analysis so that the lowest price is determined using the Total Price instead.

9310_40

SR 3-3903866001

Bug ID 12861329: ASSEMBLY COMPONENTS ARE NOT GETTING EXPORTED FROM THE SOURCING PROJECT.

Root Cause: Response export stops processing rows upon encountering an item without partners when partners have been assigned in a sourcing project.

Resolution: Only skip partner processing for the export of a row where partners are not assigned.

9310_41

SR 3-4253522641

Bug ID 12878141: NEED QUEUING MECHANISM TO HANDLE ENGINEERING COLLABORATION (EC) SUBMISSION

Root Cause: The operation of generating Thumbnail graphics is very expensive. The File Server cannot handle 200+ generating Thumbnail requests at the same time.

Resolution: Provide a queue mechanism to process requests sequentially (one by one).

9310_42

SR 3-4183198471

Bug ID : 12883520 - REDLINING AN MCO's OUTPUT SHOWS INCORRECT DATA AND ACD.

Root Cause: The sequence of <RedlinedAMLRowCurrent/> and <Manufacturers/> of xml outputted by EXPORT is not consistent.

Resolution: Now consistently get the value from <RedlinedAMLRowCurrent/> and <Manufacturers/>.

9310_44

SR 3-4294167611

Bug ID 12888961: UNABLE TO CHANGE A LIST EVEN FOR NEW SUBCLASSES.

Root Cause: System does not check whether a subclass is a match, it only checks class level. This means subclasses under the same class cannot change attributes if one of them is used in search/report.

Resolution: Check whether a subclass level is a match.

9310_45

SR 3-3701326841

Bug ID 12911479: FAILED TO REPLICATE NON-SERIALIZABLE OBJECT (.IMAGERENDERER)

Root Cause: Class Grid is not serializable.

Resolution: Grid class implements interface Serilizable.

9310_47

SR 3-3997682225

Bug ID 12908678: NON-MATERIAL COMPARISON REPORT DOES NOT SHOW MPN LINES

Root Cause: Manufacturers (AML) and Manufacturer Parts (MPN) are missing in the load for this Non-material (NM) comparison view.

Resolution: Include the Manufacturers where appropriate while loading the NM comparison view.

9310_48

SR 3-4397615161

Bug ID 12997926: ASSEMBLY COST REPORT (ACR) IS NOT WORKING - GIVES NO RESULTS

Root Cause: Out-of-box Part subclass is incorrectly being used as default subclass while loading costed BOM and ACR rows.

Resolution: Load the correct subclass.

9310_49

SR 3-4502439671

Bug ID 13014522: AGILE APPLICATION HANGS WHEN AN ITEM WITH INSUFFICIENT PRIVILEGE IS ADDED TO THE AFFECTED ITEMS (AI)

Root Cause: The system throws a null pointer error when reloading AI rows of a Change, due to insufficient privilege.

Resolution: Do not allow the Item (Part) to be added into the AI table of the Change, if there is no privilege.

9310_50

SR 3-4371136601

Bug ID 13041151: ERROR OCCURS WHEN GENERATING A BOM EXPLOSION REPORT

Root Cause: When an ECO includes an Assembly and a Part, and the Part is in the Assembly's BOM, the server fetching the Lifecycle for the Part will get a null value and give a `nullPointerException`.

Resolution: Used a different way to get the Lifecycle information.

9310_52

SR 3-4575582911

Bug ID 13019863: FILE ATTACHMENT ERROR WHEN THREE OR MORE NODE

Root Cause: For Agile File Manager (FM) to work with WebLogic 10.3 through LoadBalancer (LB), the "session stickiness" has to be enforced. The LB requires inserting its own cookie to enforce session stickiness, but Agile FM doesn't preserve the cookie while issuing the HTTP requests for file operation, which results in the failure of the file operations.

Resolution: Agile FM preserves the LB cookies while doing file operations.

9310_53

SR 3-4344787491

Bug ID 12988885: AGILE APPLICATION SERVER IS UNRESPONSIVE

Root Cause: Sever did not using the Level parameter to limit the data extracted from export side.

Resolution: Add the limitation when invoking the export API.

9310_55

SR 3-4667966661

Bug ID 13256884: AUTOMATED TRANSFER ORDER (ATO) GENERATED AXML CANNOT BE IMPORTED (Bug 9199308 from 9.3.1.0)

Root Cause: ATO-created aXML files are not supported by Import per design, and validation of the XML tags for ATO shows an error message.

Resolution: Change the Import code to ignore the ATO-related XML tag and continue with Import.

9310_57

SR 3-3989323281

Bug ID 12989042: HYPERLINKS IN AGILE PLM HAVE STOPPED WORKING

Root Cause: The system property of "javax.xml.transform.TransformerFactory" has been changed by for BI report.

Resolution: After using by Business Intelligence, reset the original property value.

9310_58

SR 3-3942771601

Bug ID 12907450: MATERIAL PRICE IS NOT GETTING SAVED FOR MORE THAN 5 DECIMALS IN THE PRICE OBJECT

Root Cause: Incorrect decimal place calculation for money fields with values like 2.0E-6.

Resolution: Adjust the calculation for decimal places when there is a trailing '0'.

9310_59

SR 3-4825243011

Bug ID 13401433: PCM UNABLE TO UPDATE PRICE GENERAL INFORMATION FOR PARTS WITH A REVISION USING IMPORT

Root Cause: Import fails to find the Price object due to Item revision (rev) format. Also, Import validates the value of "All" using condition of case-sensitive.

Resolution: Normalize the Item rev information, so that the Change number information is ignored. Also, modify code to have the check for "All" as case-insensitive.

9310_60

SR 3-4307043761

Bug ID 13413000: REMOVE USER GROUP ACTION NOT BEING CAPTURED IN HISTORY TAB

Root Cause: Web and Java Client invoke different methods to log history: the action is logged in Java Client, but not in Web Client.

Resolution: Add log history when acting from Web Client.

9310_62

SR 3-4959874911

Bug ID 13436937: ERROR WHILE RUNNING ASSEMBLY COST WHEN ONE COMPONENT AS INDIVIDUAL COST OVER 1000.

Root Cause: Depending on number format used, there is a Comma (",") or Space (" ") when the value more than 999 (4 or more digits).

Resolution: Use number format to get the value without format.

9310_63

SR 3-4394719841

Bug ID 13374579: ADDITIONAL HISTORY ENTRY RECORDED IN RFQ HISTORY TAB

Root Cause: Request For Quote (RFQ) created History entry that belongs on Project History tab, it was being logged for an RFQ with the same Project key.

Resolution: Log History entry for 'RFQ Created' on parent Sourcing Project. Invalidate Project History tab so that this new entry shows up.

9310_64

SR 3-5026955951; 3-4613316131

Bug ID 13496530: REFERENCE DESIGNATORS DISAPPEAR

Root Cause: When copy BOM information from one Item and paste to another Item, the reference-designator information is not inserted into database.

Resolution: Call "saveRefDesig" method to insert reference-designator information after insert basic BOM info in "insertRows" method.

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9311_1

SR 3-3185487181

Bug ID 11905434: ADMIN HISTORY IS NOT VIEWABLE IN JAVA CLIENT WITH JRE 6.

Root Cause: The contained Calendar object is not able to be successfully deserialized in a WLS setup.

Resolution: Changed the Calendar object to its counterpart Date object.

9311_2

SR 3-2892149654

Bug ID 11925144: RFQ LINES ARE NOT READY TO SUBMIT AFTER USING IMPORT/WIZARD

Root Cause: For Price period-type projects, a "valid-until" date is flagged as invalid when the supplier-side Price lookup fetches a Priceline with older effectivity dates. Since valid-until is not editable (and applicable) for period-type projects, it cannot be edited and the Response Line remains invalid.

Resolution: Fixed by removing validation for "valid-until" field for period-based projects.

9311_3

SR 3-3644683001

Bug ID 12590858: ITEM SUBCLASS-LEVEL DISCOVERY PRIVILEGE ERROR OCCURS WHEN AN ITEM IS ADDED TO AN ECO.

Root Cause: While privilege checking a CMOobject, the subclass ID is missed.

Resolution: Ensure the CMOobject contains the correct subclass ID when privilege checking.

9311_4

SR 3-3587868321

Bug ID 12636155: TAB DISPLAY CONFIGURATION DOES NOT GET SAVED

Root Cause: The database table column is out of the index.

Resolution: Increased the table column length.

9311_5

SR 3-2704740681

Bug ID 12398367: BULK CHANGES ON THE CO POPULATES INVALID PART NUMBERS

Root Cause: In 9.3.1, it hard codes the column Index instead of the attribute ID to get the attribute value.

Resolution: Used the attribute ID to get the attribute value.

9311_6

SR 3-3628181741

Bug ID 12603804: THE DYNAMIC LIST CAN'T WORK WITH THE I USER \$USERGROUP

Root Cause: System does not support \$USERGROUP.

Resolution: Added supporting \$USERGROUP Code.

9311_7

SR 3-3349376901

Bug ID 12349144: ABILITY TO DISPLAY DASHBOARD TAB TABLE WINDOW IN A MAXIMIZED SIZE BY DEFAULT

Root Cause: Since this is an enhancement request, no root cause supported.

Resolution: Added a specially made handle to maximize the size of the widget by default – if there is a single one displaying on the tab.

and:

Bug ID 12725800: DASHBOARD SEARCH RESULT TAB SHOULD NOT BE MAXIMIZED BY DEFAULT AFTER CLICKING RESOURCES TAB

Root Cause: After clicking on Resources tab, it registers a global Javascript function, which is used to resize the Dashboard tab. However, this function should not be applied to Dashboard Search Result tab.

Resolution: Add special handle for displaying Dashboard Search Results.

9311_8

SR 3-3709092391

Bug ID 12647351: CANNOT RUN URL PX FROM ACTION MENU

Root Cause: Code omission for URL-type Process Extension (PX) while introducing Design object class.

Resolution: Code fix by adding Design object class ID for URL PX to handle Design object class as other.

9311_9

SR 3-3870472411

Bug ID 12677454: OWNER ATTRIBUTE CANNOT BE RENAMED IN PPM

Root Cause: The attribute Owner name is hard-coded on a Create New Project from the Template page.

Resolution: Used the attribute Owner name from the Administrator setting instead of hard-coding when creating a new Project from a Template page.

9311_11

SR (Internal)

Bug ID 12708722 : DEADLOCK ISSUE WITH EC LOOKING FOR RELATIONSHIP TABLE OF THE DESIGN.

Root Cause: This occurs when getVersionInfo in an Attachment class been called.

Resolution: We are now getting version information directly from the DB instead of from the cache to avoid LoadCachedTable being called.

9311_12

SR 3-3757235741

Bug ID 12675697: UNABLE TO USE \$USERGROUP IN DEFINING THE DYNAMIC CRITERIA MASK.

Root Cause: \$USERGROUP-based criteria was not supported.

Resolution: We now support \$USERGROUP-based criteria in both the Java Client and the Search module.

9311_13

SR 3-3774174781

Bug ID 12715598: EXPORT DOES NOT HONOR DISCOVERY PRIVILEGES ON THE AML TAB OF ITEMS

Root Cause: When there is no Discovery privileges on both Manufacturer and Manufacturer Part, the row under the Item's Manufacturers tab is denied.

Resolution: If a user has no Discovery privileges on Manufacturer Parts, the row under Item's Manufacturers tab will be denied.

9311_14

SR 3-3808006491

Bug ID 12667933: WSX SESSIONS ARE GETTING LOCKED

Root Cause: In the WSX framework, when an invalid user tries to log in, the server throws an exception. SDK code catches the exception and messes up the InitialContext which is shared across the application, so that all the subsequent requests fail due to the invalid InitialContext.

Resolution: Modify the SDK code to properly handle the InitialContext when a login exception is caught.

9311_15

SR 3-3803816881

Bug ID 12755937: VALIDATION SCREEN REQUIRES SCROLLING TO VIEW THE CONTENTS OF THE PX OUTPUT.

Root Cause: The space where Process Extension (PX) output appears has a maximum height of 50pixels, so if the PX output is too high, the scrollbar will appear and user needs to scroll down to view all the content.

Resolution: If height of the PX output is more than 110pixels, it will show the output in a dialog, otherwise it will show the output in the dynamic message area.

9311_16

SR 3-3909636711

Bug ID 12726899: RECEIVE A CUSTOM AUTONUMBER PX EXCEPTION MESSAGE

Root Cause: If an exception is thrown when executing a Process Extension (PX), the exception message would be passed to the Web layer with the following format:
{"AutoNumberInfo":[{"success":"false","nextAutoNumber":"Test Exception message display in Autonumber; nested exception is: "}}]}java.lang.Exception: Test Exception message display in Autonumber"}}}. In the Web layer, we would format the returned exception message to a JSON data format. If there is a line feed in the exception message formatting--will fail.

Resolution: Made the AutoNumber/Exception compatible with the html document and the JSON.

9311_17

SR 3-2026810121

Bug ID 12732282: AGILE 9302 USER CREATION/SEARCH ERROR

Root Cause: This issue is caused by a User cache synchronization, the search attempts to get user's full name through the cache, but the created user is not synchronized to the secondary server.

Resolution: Forced to load the user in to the cache from the db if the user is not in the cache.

9311_18

SR (Internal)

Bug ID 12737341: Java Client – Secured file should not be added, using the Add By Search action in the Attachments tab.

Root Cause: This was an omission for the use cases "Add Files BySearch", "Copy/Paste" and "Drag & Drop" without checking "GetFile" privilege in the original design and implementation.

Resolution: Checked if the user has the "GetFile" privilege for the attachment.

9311_19

SR 3-3794549181

Bug ID 12784188: UNABLE TO CHANGE LIST EVEN ON NEW SUBCLASSES

Root Cause: In ADDAO.java(updateListID), the getAdminWhereUsedList does not correctly check the class match.

Resolution: Checked class match as Agile 9.2 does.

9311_20

SR 3-3957025561

Bug ID : 12749669--UNKNOWN DIRECTORY SERVICE PROVIDER

Root Cause: Concurrency problem.

Resolution: Fixed in code.

9311_21

SR 3-3957025575

Bug ID 12749676: THE PROCESS EXTENSION DOES NOT GET PRIVILEGES FOR THE ROLE ASSIGNED.

Root Cause: A resolution for another issue in Agile 9.3.0.2 was the root cause. ThreadLocal in ThreadContext class has been changed from ThreadLocal to InheritableThreadLocal. This caused the ThreadLocal variable to be shared across parent and children threads.

Resolution: Removed the code for the resolution to the other issue.

9311_22

SR 3-3956914001

Bug ID 12749683: QUICK SEARCH RUNS SLOW WHEN USING WILDCARDS

Root Cause: Quick Search SQL performs a bad execute plan which slows the performance.

Resolution: Added hint ALL_ROWS into the Quick Search SQL to change the execute plan.

9311_23

SR 3-3959715481; 3-4253522641; 3-4365428471

Bug ID 12810468: NEED QUEUING MECHANISM TO HANDLE EC SUBMISSION

Root Cause: The operation of generating thumbnail is very expensive. The File Server cannot handle 200+ "generate thumbnail" requests at the same time.

Resolution: Added a queuing mechanism to handle the traffic.

9311_24

SR 3-3773407971

Bug ID 12797190: BOM TAB IS BLANK IN JAVA AND WEB CLIENTS.

Root Cause: The blank row on the BOM table causes a null point exception in a section of code.

Resolution: Corrected the code to ensure the blank row on the BOM table does not cause a null point exception.

9311_25

SR 2-2517481; 7525613.993; 3-1836444111; 3-4098633279

Bug ID 8569905: ECO CHANGE FORMS IN HOLD STATUS ARE LOSING DATA WHEN RELEASED

Root Cause: The application does not consider copying signoff information a condition when adding a future ad hoc approver.

Resolution: Allowed adding future ad hoc approvers to be a condition when copying the signoff information.

9311_26

SR 3-3828263151

Bug ID 12803400: TAB DISPLAY CONFIGURATION DISPLAYS THE WRONG TAB

Root Cause: SQL did not guarantee the order of tabs when it gets tabs from the database.

Resolution: Added "ORDER BY ROWID" to keep the order.

9311_27

SR 3-3522688451

Bug ID 12737243: SOME AFFECTED ITEM PAGE TWO ATTRIBUTES DO NOT APPEAR IN ADVANCED SEARCH.

Root Cause: The meta data for the multiple listattribute is not accurate enough.

Resolution: Updated the meta data information for multiple list attributes in the database.

9311_28

SR 3-3837905291

Bug ID 12834840: NUMERIC FIELD IS EXPORTED WITH A DELIMITER

Root Cause: Number Format

Resolution: Replaced all commas with "".

9311_29

SR 3-4164212701

Bug ID 12879339: HIERARCHY NUMBERS IN BATCH-ML FILE ARE MISSING FOR RECIPE ACTIONS

Root Cause: Hierarchy Numbers are missing when Recipe actions are transferred for execution.

Resolution: Fixed code in `CFMBatchMLGenerator.java` to export the Hierarchy Number.

9311_30

SR 3-4103750801

Bug ID 12805046: CAN'T MODIFY THE DATE IN THE JAVA CLIENT.

Root Cause: Escape key binding was null On the MAC OS 10.5.1 with jdk1.5.

Resolution: Added a binding check for Escape and Enter.

9311_33

SR 3-1978462331

Bug ID 12866923: SERIALIZATION ERRORS IN CLUSTERED ENVIRONMENT

Root Cause: Some classes do not implement interface serializable, so it fails to replicate the object across the servers.

Resolution: Changed the unserializable object to implement java.io.Serializable or use keyword transient to decorate object.

9311_34

SR 3-4091983451

Bug ID 12831039: INCORRECTLY SORTS COLUMNS IN MY SETTINGS >TRANSFER AUTHORITY.

Root Cause: Transfer Authority table cannot be sorted.

Resolution: Transfer Authority table can now be sorted.

9311_35

SR (None)

Bug ID 12874320: ITABLE.WHERE() METHOD IS FAILING DURING A QUERY

Root Cause: This issue was introduced by a new class file in Agile 9.3. The new class file did not take this test case into account.

Resolution: Modified the new class file so it will work with this test case.

9311_36

SR 3-3850380391

Bug ID 12874984: TRANSACTION TIMEOUT ERROR OCCURS FOR WEBLOGIC AGILE 9.3.1.1.

Root Cause: The SQL statement for the Load Historical Report tab is too slow, causing the thread to time out.

Resolution: Improved the SQL performance.

9311_37

SR 3-4243425271

Bug ID 12874955: THE LATEST DATA IS MISSING FOR THE ADMINISTRATOR HISTORY

Root Cause: History is ordered by timestamp from oldest to latest. If there are rows larger than 1000, we choose the top 1000 lines. That causes the latest data to become missing.

Resolution: Order history from latest to oldest. If rows are larger than 1000, we still can get the latest history.

9311_38

SR 3-4095744781

Bug ID 12897129: 'BAD ROW ID' ERROR OCCURS WHEN DOUBLE-CLICKING ON RECENTLY VISITED OBJECT.

Root Cause: When double-clicking the objects in the Recent Visit menu, concurrent threads to load the change-control row to the Page Two cache causes an error.

Resolution: Modified the function to be thread-safe.

9311_39

SR 3-4057031871

Bug ID 12875395: THE FILENAME IS MISTAKENLY CHANGED WHEN EXPORTING THE ADVANCED SEARCH RESULTS TO CSV OR XLS.

Root Cause: The filename 'UTF8' is changed to 'UTF-8', but when exporting to CVS and Excel it should not be changed.

Resolution: Handle both 'UTF-8' and 'UTF8' when exporting to CVS and Excel.

9311_40

SR 3-4019481071

Bug ID 12784210: SELECT ALL WITH THE ADD SEARCH RESULTS TO BOM/RELATIONSHIP/EXP ONLY SELECTS THE ITEMS DISPLAYED.

Root Cause: All the records are selected, only the records that are fetched from the server and shown in the UI are selected.

Resolution: If the user selects all records, the parameter isGlobalSelect is passed to the server side.

9311_41

SR 3-3840662431

Bug ID 12667946: BULK CHANGE ORDER SEARCH RESULTS DO NOT LIST ALL ASSEMBLIES.

Root Cause: Bulk Change will be limited by the Max Query Result Display which is set in the Java Client.

Resolution: Removed the limitation by the Max Query Result Display.

9311_42

SR 3-4208650271

Bug ID 12917028: THERE IS A TIMEOUT EXCEPTION THAT HAPPENS WHILE ASSOCIATING OR DISASSOCIATING A COMMODITY CODE.

Root Cause: When a customer adds more than 30,000 parts to one commodity, and while associating or disassociating commodity code to one object, Agile needs to load the part's data to the cache.

Resolution: Do not use the cache for adding or removing the commodity code in a Part's Title Block tab.

9311_43

SR 3-3930383501

Bug ID 12921418: USER IS PROMPTED IN THE WRONG WIDGET WHEN THE DASHBOARD IS CONFIGURED WITH MULTIPLE ADVANCED SEARCHES.

Root Cause: The JavaScript function to run the query is hard-coded and if multiple queries are set, then it is over-written by the latest query .When you run the search it will load the widget with the latest query.

Resolution: Change the JavaScript query function to be parametric, so every query is based on multiple advanced search and the prompt can work as expected.

9311_44

SR 3-3981456121

Bug ID 12733157: STRUCTURED GET NOT PULLING DATA FROM THE RELATIONSHIPS TAB.

Root Cause: No support for pulling files from the relationship table (bug 12422855 and 12801088) while performing a Structure Get.

Resolution: Implemented a new feature.

9311_45

SR 3-4253230151

Bug ID 12897176: NUMERIC VALUES IN THE PDX (XML) EXPORT ARE INCORRECT

Root Cause: MaximumFractionDigits to the scale at the Java Client was not set.

Resolution: Set MaximumFractionDigits to the scale set for the Java Client.

9311_46

SR 3-4385669171

Bug ID 12962202: USERS CAN CREATE PPM OBJECTS THROUGH THE SCHEDULE TAB.

Root Cause: Currently, if the user is the activity owner, the system will allow him to create all types of activities.

Resolution: Even though the user is the activity owner, the user is allowed to create an activity through the Schedule tab based on the privilege.

9311_47

SR 3-4293829331

Bug ID 13092764: ENDECA EXTRACT (STANDALONE SDK) IS FREQUENTLY FAILING WITH A TRANSACTION TIMEOUT ISSUE.

Root Causes: 1. The SDK is trying to connect to the server many times when it has no site license. 2. `EvaluatorAdapter.isReleased()` always loads the Item Cover Page. 3. Export privilege checks for PageTwo attributes and is not cached, so the checking invocation accumulates with the object counts and attribute counts.

Resolutions: 1. Updated the SDK logic to check site license before connecting to the server. 2. Changed the logic to avoid loading the Item Cover Page. 3. Refined the logic to use the cache to avoid redundant privilege checking.

9311_48

SR 3-4415501321

Bug ID 12960906: FAILED TO COPY THE FLEX ATTRIBUTE OF A LIST TYPE FROM THE SUBCLASS.

Root Cause: PageThree is specific for the subclass so the class ID cannot be used to get Page Three flex attributes.

Resolution: Changed the parameters that are passed in PLM Administrator from class ID to subclass ID.

9311_49

SR 3-4025107601

Bug ID 12968160: IN PPM, UNABLE TO WORK WITH SUBCLASS CREATED UNDER DISCUSSION CLASS

Root Cause: The Reply tab of Discussion object is Read-Only and disabled. Because of this, attributes under Reply tab cannot be enabled for privilege control.

Resolution: Enable Reply tab of Discussion object. And make code changes to include Subclass ID

for privilege control.

9311_50

SR 3-4357929181

Bug ID 12967265: IN PQM, THE SUPPLIER FIELD ON THE COVER PAGE OF THE SCAR (PROBLEM REPORT SUBCLASS) IS NOT READABLE.

Root Cause: The Check Discovery privilege does not set the Subclass ID.

Resolution: Set the correct value to check the Discovery privilege.

9311_51

SR 3-4266085961

Bug ID 12917992: AGILE CONFIGURATION PROPAGATION (ACP) 9.3.1.1 FAILS TO IMPORT EVENT MANAGEMENT

Root Cause: 1. Warning/error message is not displayed correctly. 2. API call is wrong. 3. Data are not exported correctly.

Resolution: 1. Correct the warning/error messages. 2. Switch to new APIs. 3. Correct the export logic.

9311_52

SR 3-4472509050

Bug ID 12974102: Embed container/lot ID information in the recipe action text/Consumable quantity and UOM is not being transferred to A9/Parameter results – can only be inserted (via the Web Service) for Recipe actions that do not belong to a Recipe Element.

Root Cause: 1. Lot/Container number does not show up on Instructions tab as well as Instruction Editor for the Recipe. 2. When the Recipe is published to A9, the quantity attribute of a consumable material is not populated. 3. When the Work Request parameter results are added to parameters which are wrapped inside a Recipe Element, the results do not get added to those parameters.

Resolution: 1. Lot/Container number issue was fixed by appending secondary resolution information to the instructions and the text editor fragments. 2. Fixed the consumable quantity transfer related issue by appending the consumable quantity. 3. New Operation "recordParameterResults" added to the Web Service "CFMWorkRequestService" to add the results to the parameters which are wrapped inside a Recipe Element.

9311_53

SR (None)

Bug ID 12884454: SCHEDULE STATUS NOT UPDATING WHEN OVERDUE TYPE IS CHANGED TO PERCENTAGE

Root Cause: When the Schedule Status is rolled up, the percentage type overdue generates null value to indicate overdue miniseconds, and the logic (that uses miniseconds in evaluating Schedule Status) is not performed, so a value of -1 is returned as the Schedule Status and recorded into database. This can occur after Agile 9.3 is upgraded to Agile 9.3.1, although the customer has not made a change (system has daily Event to generate the schedule rollout).

Resolution: Set the correct overdue time value in the Schedule Status rollout logic.

9311_54

SR 3-3429753111

Bug ID 12957047: ADVANCE SEARCH DOES NOT WORK ON THE PRODUCT FAMILY UNDER THE WEB CLIENT.

Root Cause: Did not register the Base Class ID for the Commodity list for ListModuleStartup.java. A zero (0) is returned when getting a classid for the commodity list.

Resolution: Registered the Base Class ID for the Commodity List.

9311_55

SR 3-2104740611

Bug ID 12870233: STANDARD REPORTS NOT GETTING EXECUTED FROM JAVA CLIENT

Root Cause: 1. Some classes are not pulled out from WebLogic full client. 2. BasicService.showDocument calls DownloadEngine.isJnlpURL, which makes a HEAD request to determine if the content-type indicates it is a JNLP file. If the Web Server doesn't return a content-type header, isJnlpURL throws an NPE due to this code.

Resolution: 1. Add missing Class. 2. Use Apple FileManager.openURL to open URL when Java Client is running on Mac OS system.

9311_56

SR 3-4358287891

Bug ID 12960929: UNABLE TO LOAD THE PARTS TAB FROM THE PARTS GROUP.

Root Cause: Customer added more than 30,000 parts to one Commodity. They need to load all those objects to cache when loading the Parts tab.

Resolution: Limited results in the Part Group for the Parts table (default 1000 max 5000) in Web Client only. Added an Export option to send all results up to the Reporting Limit Preference (default

50,000 max 500,000) in Web Client only.

9311_57

SR 3-4401838571

Bug ID 13004700: UNABLE TO SEE THE USER GROUP ON SIGNOFF TABLES

Root Cause: Not setting the Subclass ID when checking the Discovery privilege.

Resolution: Set the correct value to check the Discovery privilege.

9311_58

SR 3-2095295381

Bug ID 13011315: IN UPDATE EVENT INFORMATION, NULL POINTER EXCEPTION IS BEING THROWN WHILE TRYING TO GET THE MULTILIST MODIFIED CELL

Root Cause: Serialization issue of parameters passed to PXSessionBean.

Resolution: Re-initialize the missing data in PXSessionBean.

9311_59

SR 3-4199374038

Bug ID 12967299: UNABLE TO ADD DISCUSSIONS TO THE COLLABORATION TAB OF THE PPM OBJECTS.

Root Cause: When requesting to add a Discussion, the Subclass ID information is 0. Because of this, the privilege mask was not finding the privilege for the Subclass operation.

Resolution: Get a Subclass ID and set it to request for Privilege Mask to validate.

9311_60

SR 3-4411198271

Bug ID 12998454 & 13087485: EDIT BUTTON IS ENABLED BUT USER DID NOT HAVE PRIVILEGE

Root Cause: From Bug 7075988, if the user had privilege to delegate from the root Program, he can also delegate from all children Programs. The "delegate owner" becomes editable for all children.

Resolution: The "delegate owner" is a system attribute, and is used to control access: in Web Client, set it to not editable.

9311_61

SR 3-4522046641

Bug ID 13011334: REMOVE USER GROUP ACTION NOT BEING CAPTURED IN HISTORY TAB

Root Cause: Logging history is different in Web and Java Clients: different methods are invoked. The action is logged in Java Client, but not in Web Client.

Resolution: Add log history when acting from Web Client.

9311_62

SR 3-4538153361

Bug ID 13013058: CPU UTILIZATION IS GOING UP TO 90-95% DUE TO USER USAGE QUERY

Root Cause: High cost SQL (full table scan on table contains 60 million records) runs too many times.

Resolution: 1. Create index to avoid full table scan. 2. Ensure that it only runs in one node: there is a property in agile.properties called "userusage.skipServer"; if its value is False, the task will run on this node; if its value is True, the task will not run on this node. 3. Change the interval for the background task from 1 min. to 5 min. in the code.

9311_63

SR 3-4526684681

Bug ID 12997759: WORKFLOW NAME PREFIX IS MISSING FROM ITEM CHANGE.

Root Cause: Caused when fixing bugs 8930307 and agile00257463 – only shows the class name in LCP.

Resolution: Rolled back the code change for these two bugs.

9311_64

SR 3-4492706043

Bug ID 12986022: PROPAGATING DASHBOARD CONFIGURATIONS

Root Cause: Old APIs are used to add dashboard tables and attributes.

Resolution: Switch to new APIs.

9311_65

SR 3-4585168571

Bug ID 13034713: LOG FILE IS GROWING RAPIDLY AND IS GETTING FILLED

Root Cause: Some classes do not implement interface as able to be serialized (i.e., "serializable"), so it fails to replicate the object across the servers.

Resolution: Change non-serializable java object to serializable.

9311_66

SR's 3-3938670491; 3-4078091631

Bug ID 13004608 & 13041041: Automatic Transfer Order (ATO) NOT FINISHING. DESTINATION KEEPS FAILING. (Related to bug 13041041 -- JAVA.LANG.OUTOFMEMORYERROR: JAVA HEAP SPACE.)

Root Cause: Processing extremely large number of Where Used records .

Resolution: Add two flags into agile.properties file to indicate whether it is loading only Where Used for Documents, or loading only Where Used for Affected Items (AI) of root object.

9311_67

SR 3-4502614451

Bug ID 13040777: SAFARI SHOWS MESSAGE "JAVASCRIPT PLEASE INSTALL JAVA RUNTIME ENVIRONMENT"

Root Cause: The variable used to detect JRE is "undefined" for Safari browser.

Resolution: Fixed in code to add extra variable to check JRE.

9311_68

SR 3-4315720451

Bug ID 13057360: INOTIFICATION.GETVALUE() THROWS ERROR WHEN THERE IS A READ NOTIFICATION

Root Cause: A server-side fix has replaced all Notification statuses by new list of statuses where they have priorities in them. This fix was not carried to SDK and is causing this exception.

Resolution: Replace existing list of Notification statuses with new list.

9311_69

SR 3-4473334741

Bug ID 13085367: DEFAULT COMPLIANCE MANAGER IS NOT POPULATED FOR THE DECLARATIONS SUBCLASS

Root Cause: The workflow skipped checking the Compliance Manager for All Declarations.

Resolution: If there is no value for the Change Analyst, a popup will appear in the Select Workflow dialog.

9311_70

SR 3-4556376178

Bug ID 13081569: DRAG-AND-DROP IS NOT WORKING

Root Cause: Hard-coded palette window IDs in AGILE.util.AgileDragDropMgr.isProxyOverConstraints: palette_window and search_palette_window.

Resolution: Rename the div of the Tab Display Configuration window to tab_display_configuration.

9311_72

SR 3-2958140181

Bug ID 13080611: FREQUENTLY GETTING NULL POINTER EXCEPTION WHILE DOING * SEARCH

Root Cause: The user is not synchronized in user cache, so the user cannot be loaded from the user cache.

Resolution: Force to load user to user cache if the user is not synchronized.

9311_73

SR 3-4090097761

Bug ID 13093383: ERROR IN DASHBOARD CAUSED BY USING PERSONAL SEARCH CRITERIA WITH PROMPT

Root Cause: Program logic error, the search criteria in Dashboard was unexpectedly encoded to URL formatted component

Resolution: Specially handle the search criteria in Dashboard so it will not be encoded to URL formatted component.

9311_74

SR 3-4259664451

Bug ID 13076122: SEQUENCE OF PARAMETERS FOR PARAMETRIC SEARCH

Root Cause: We use Hash map to return an unordered attribute list in Parametric Search via Web Client's UI, but an ordered list in Java Client.

Resolution: Re-order the elements of the hash map and return it in Web Client UI.

9311_75

SR 3-4515234081

Bug ID 13076060: SEARCHES IN AUTOMATED/CONTENT TRANSFER ORDERS (ATO/CTO) GIVE NULL POINTER EXCEPTIONS

Root Cause: The selected content search isn't taken into consideration if it is loaded from saved search.

Resolution: Check if it is a selected content search when loading saved search list.

9311_76

SR 3-4466434831

Bug ID 13031131: FILTER ON USER GROUPS NOT POSSIBLE IN USER / USER GROUP PICK LIST

Root Cause: Quick search does not support a wild card in front of or within query string.

Resolution: Add wild card that supports handling.

9311_77

SR (None)

Bug ID 13097940: THERE IS A LIMIT ON THE VALUES IN THE MULTILIST WHICH IS USED AS PRIVILEGE CRITERIA

Root Cause: Lack handling of too long value of multiple list. The value stored in database is ",-1," and the real value is stored in table MSATT.

Resolution: Fetching real values from table MSATT.

9311_78

SR 3-3482661111

Bug ID 13086847: THUMBNAILS ARE NOT WORKING FOR EXTERNAL USERS.

Root Cause: Incorrect File server URL being used to form Thumbnail URL.

Resolution: Fix the code to use File Server URL to form thumbnail URL instead of internal File Server URL.

9311_79

SR 3-4502544651

Bug ID 13087295: "ORA-00936" ERROR IS THROWN WHEN CANCELING A CHANGE

Root Cause: When there is no Hold status in a workflow, get wrong Hold and Cancel status IDs.

Resolution: When there is no Hold status in a workflow, make sure get right Hold and Cancel status IDs.

9311_80

SR 3-4566936361

Bug ID 13112013: BOM REPORTS ARE NOT SHOWING THE CORRECT VALUES FOR FIND NUMBER AND QUANTITY

Root Cause: In BOM table, for the parent Item, system fetches the first child information and displays it.

Resolution: Do not fetch the child information when loading the parent Item in BOM table.

9311_81

SR 3-4986496301; 3-3952222721; 3-4631048851

Bug ID 13083711: FAILURE MODE LIST SHOWING ALL PART TYPES - ONLY IN PRODUCTION SYSTEM.

Root Cause: The problem is that for each Affected Item (AI) on the Product Service Request (PSR), there is only one Failure Mode metadata that can be used. So essentially we are really looking at one list, it just has different subsets of values for each of the different subclasses that can be on the PSR's AI tab. When users want to edit Failure Mode list, it will use classid to get all the values.

Resolution: 1. Separate the display lists. If the user is looking up Failure Mode for the Part subclass, we will only show Parts Failure Modes and not those for Documents.

2. Set PSR.AI.Failure Mode list ID to 5132 instead of 4873, which is the attribute ID. If the total number of failure modes goes below 250, the administrator must manually change it back to list.

3. Hide the Failure Mode list display mode for Parts, Documents, etc. Since we use the display mode from the PSR failure mode list. This will help avoid confusion that there is more than one list being used.

4. Use subclassid to get values for specific failure mode list.

9311_83

SR 3-4398300191

Bug ID 12976518: PRICE OBJECT REALESED WITHOUT REDLINING IS NOT UPDATING LIFECYCLE PHASE (LCP) OF PRICELINE

Root Cause: The correct LCP was not being loaded/resolved for Pricelines that are not redlined in Price Change Order (PCO).

Resolution: Load and resolve LCP from parent Price for such Pricelines.

9311_84

SR 3-4791435871

Bug ID 13261090: Agile Configuration Propagation (ACP) IMPORT CAUSES AVERIFY AND CLASS CAST ERROR

Root Cause: Incorrect logic is used when importing list library, user and order of attributes.

Resolution: Switch to correct logic.

and:

SR 3-4424077941

Bug ID 13259906: PROPAGATING DASHBOARD CONFIGURATIONS THROUGH ACP, ERRORS WITH: INVALID API NAME

Root Cause: Old APIs are used to add dashboard tables and attributes.

Resolution: Switch to new APIs.

9311_85

SR 3-3846466961

Bug ID 13009215: CONFLICTING BOM REDLINES WARNING APPEARS TO BE WORDED INCORRECTLY.

Root Cause: Server uses a message that is confusing.

Resolution: Changed the message.

9311_86

SR 3-4530285081

Bug ID 13056524: USERS ARE ABLE TO SAVE THEIR REPORTS TO 'REPORTS AND ANALYTICS' FOLDER LEVEL

Root Cause: Did not check the top-level folder when save a customer report.

Resolution: Check if it is top-level folder in server side.

9311_87

SR 3-4777350641

Bug ID 13250012: AGILE 9.3.1.1 IS NOT SUPPORTED FOR SAFARI 5.1.1, NEED A FIX TO SUPPORT SAFARI 5.1.1.

Root Cause: Safari is throwing a JavaScript error when Shift/Command key is pressed.

Resolution: Fixed the code to handle this exception.

and:

SR 3-4776599501

Bug ID 13345971: ENGINEERING CHANGE ORDER (ECO) FAILED TO PROMOTE USING SAFARI 5.1 - NEXT STATUS WINDOW > ACTION.

Root Cause: Safari is timing out if the response takes more than 10-15 seconds. In the case of an ECO with numerous Affected Items and Redlines, it takes more time to execute the Audit Status. The "ajax" request to do the Audit Status action was a synchronous call that was not working for Safari, but this works well in other browsers.

Resolution: Fixed the code by converting the synchronous to asynchronous call.

9311_89

SR 3-4865218741

Bug ID 13349300: STANDARD AGILE EXPORT IS NOT RESPONDING (Bug 13340222)

Root Cause: Check of BOM-size SQL is wrong.

Resolution: Correct the SQL to check the BOM size.

9311_90

SR 3-4831086281

Bug ID 13352408: AGILE INTEGRATED SERVICES (AIS) EXPORT ON CHANGES RESULTS IN OOM (Bug13262831 from PLM 9.3.1.1)

Root Cause: Call to get release date is repeated unnecessarily.

Resolution: Cache the release date information and avoid redundant calls.

9311_91

SR 3-4749613571; 3-4863934031; 3-4189512641

Bug ID 13354545: ERROR DESTROYING SEARCH REFERENCES (OBJECT ERROR)

Root Cause: Code issue in `ui-control-factory.js`

Resolution: Fix the code issue in `ui-control-factory.js`, before destroying the `AgileListControl`, check whether it is `NULL`.

9311_94

SR 3-4566369533; 3-4865834021; 3-4868684681; 3-4878088581

Bug ID 13345982: WHEN ATTEMPTING TO EXPORT BOM, RECEIVE JAVA.LANG ERROR

Root Cause: No special handling for "no-object" IDs on BOM Items.

Resolution: Special handling for "no-object" ID BOM Items.

9311_95

SR (None)

Bug ID 13362134: MAX VALUES IN PLM REFERENCE IS 20

Root Cause: There was restriction of maximum size 872 bytes of column `PLM_REFERENCE` defined in DB, so it was limited for PLM Reference.

Resolution: Alter the type definition of column `PLM_REFERENCE` in table activity from `varchar` to `clob`, now it accepts unlimited PLM Reference number.

9311_98

SR 3-4739535301

Bug ID 13360966: SORT COLUMNS IN "MY SETTINGS" >TRANSFER AUTHORITY INCORRECTLY

Root Cause: Code issue.

Resolution: In `SettingHandler.showTransferAuthoritySummary`, set the grid object to client context with OBJECT scope.

9311_99

SR (None)

Bug ID 13363328: SERVER FAILED TO SHUTDOWN WITHIN THE CONFIGURED TIMEOUT

Root Cause: For `ID_VALUE_COLUMN_NAME` and `ID_CURRENCY_COLUMN_NAME`, `getParentNode()` may return null.

Resolution: Check whether `getParentNode()` return null.

9311_101

SR 3-4631670791

Bug ID 13085010: THE SCROLLING CAPABILITY IN THE AUTONUMBER WINDOW IS VERY SLOW IN 9311

Root Cause: There are hundreds of Autonumber sources, but now the Autonumber menu scrolls one pixel by one pixel, it is very slow to reach the target Autonumber source, so it is inefficient.

Resolution: Feature enhancement. If the Autonumber sources > 20, show the sources in a dropdown list.

9311_103

SR 3-4933157741

Bug ID 13403040: UNRELATED DISCUSSION OBJECTS RANDOMLY APPEARING ON REQUEST FOR QUOTE (RFQ) OBJECT

Root Cause: Additional, unnecessary Discussion objects are being loaded when the list of `CObjectIDs` contains more than one class of object keys, such as mixed-object IDs of RFQs and RFQ Responses.

Resolution: Load Discussions for RFQs and RFQ Responses separately, then combine the lists of discussion objects.

9311_104

SR 3-4269730961

Bug ID 13365677: CANNOT CREATE A QCR FROM A PSR THAT IS IN RELEASED, HOLD, OR CLOSED STATUS.

Root Cause: The Actions menu is disabled due to the fix of bug 7054324.

Resolution: Make the Actions menu enabled even when the Product Service Request (PSR) is in statuses Cancel, Released, Implemented, or Hold. Besides, the Server Side allowed the Quality Change Request (QCR) added into its Relationship.

9311_111

SR 3-4571555791

Bug ID 13471165: AFTER APPLYING HOTFIX 77, USERGROUP-BASED CRITERIA FAIL TO SHOW PAGE TWO AND PAGE THREE ATTRIBUTES.

Root Cause: Privilege checking gets wrong value when multilist contains huge data.

Resolution: Make sure privilege checking gets right value when multilist contains huge data.

9311_116

SR (None)

Bug ID 13524115: NULLPOINTEREXCEPTION WHILE DOING PDX EXPORT

Root Cause: ClientContext lost due to shallow copying of HashMap instead of Deep copying. That will cause get null client context while try to get client context from threadcontext

Resolution: Sub-thread's threadcontext will contain a full copy of parent-thread's threadcontext

Resolved Issues

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This chapter lists issues that were resolved during this release.

For each resolved issue:

- On the first line, the number is the internal Defect number.
- On the second line, numbers in **bold** (for example, **3-123456789**) are Customer Support ID numbers from customer-reported issues. If there is not a number in the second line of an issue, its origin was not customer-reported.

Product Collaboration

12369790

SR 3-4929164701; 3-3374976161; 3-3441973511

Web Client (PC)

Issue: UNABLE TO DO A SAVEAS WHEN CREATING GLOBAL/PERSONAL SEARCHES ON CHANGE OBJECTS

Root Cause: When running a search whose criteria includes Prompt value, the system considers the search as a new, different search (that is, different from the saved one), and a new search cannot perform the SaveAs action.

Resolution: Skip the Prompt option, check for the Prompt condition.

Verification: 1. Log in to Web Client as admin.

2. Create a global search on Changes > Change Orders > object search attribute > Change Analyst, with Operator > IN, click on prompt AND Attribute > Status, with Operator > IN, Value > \$STATUSTYPE.RELEASED

3. Do a search and save it under Global Searches.

4. Click on the same search again and provide the value where it is prompting, it displays the results.

5. Go to the search criteria and click on Save dropdown to do a SaveAs.

6. SaveAs is enabled.

13001045

SR 3-4524556821

Web Client (PC)

Issue: IN AGILE, DISPLAY NO REPORT PARAMETERS IN SCHEDULE TAB OF USER SIGNOFF

Root Cause: The function was not added in 9311.

Resolution: Add the function.

Verification: 1. Log in to Web Client as admin.

2. Go to Reports > Standard reports > Process reports > User Signoff Duration Report.

3. Go to "Schedule" Tab and click Add button.

4. Select Layout and Output Format in Select Layout and Configuration Window and Click Next.

5. Click Add and search for the required change number and Click Next.

6. Select User Signoff Duration At Least field and click Next.

7. Select Change Status and Filter Users and click on Next.

8. Define Schedule by select Schedule and Date and time. Assign users to share with other users.

9. Click Finish button.

10. Select the new scheduled report and click "View Details" button to get the Report Parameters.

Expected Result: The Report Parameters for User Signoff Duration Report – Layout Name, Output Format, Change Number, Signoff Duration At Least, Change Status, and Filter User – should be displayed correctly.

13244004

3-4722329191

Web Client

Issue: ISSUE WITH PERSONALIZATION FUNCTIONS FOR TABS

Root Cause: SQL did not guarantee the order of tabs when it gets tabs from the database.

Resolution: Added `ORDER BY ROWID` to keep the order.

Verification: 1. Go to an object and click on the Personalize icon.

2. Reorder the Tabs within the popup window > move BOM tab to the first and hide the History tab.
3. Click Save button.

Results: Tab order displayed as expected (with BOM tab first and History tab hidden).

13359917

SR 3-4766862841

Product Collaboration (Changes)

Issue: WRONG ERROR MESSAGE ABOUT APPROVAL GROUP DUE TO JAVA.IO.NOTSERIALIZABLEEXCEPTION

Root Cause: It is cluster cache issue that phantom cache data was not invalidated/refreshed when sync cache across the cluster node via the cluster JMS event. So it cause the inconsistency bad data when process approve change/change status action. For the approve/change status case point, it is also related to px (log action) as it touch the phantom cache. So cannot reproduce this without px.

Resolution: Clear phantom cache when synchronizing cache across the cluster node. This code change is not at customer-specific case level, it impacts all cluster synchronization cases.

Verification: 1. Create and enable a workflow "WF PMI Test" using Save As from Default Change Orders.

2. Add 6 review status. For each new added review status, add All Change Orders criteria to it.
3. For each new added review status, set AutoPromote and Ad Hoc Approver/Observers to Yes.
4. Set status order as: Pending > Submitted > Review1 > Review2 > Review3 > Review4 > Review5 > Review6 > CCB > Released.
5. Create an Event Subscription following these steps:
 - a. Go to Admin > System Settings > Event Management > Events, add and enable two new Event masks: Approve PMI and Change Status PMI.
 - b. In Event Handlers, add and enable two new Event Handlers: "Handle PMI approve" and "Handle PMI change status". Assign all roles to these two handlers and set event action to com.agile.px.event.DumpECO.
 - c. Add and enable two new Event Subscribers: "Sub Approve" and "Sub Change Status".
 - d. Set Trigger Type to Post and Execution Mode to Asynchronous.
 - e. Enable this Event Subscription.
9. Create a privilege that allows Administrator role to change status.
10. In node1 Web Client, create a ECO C03 (for example), set its workflow to "WF PMI Test" and change status to review1 status, approver to admin. Add admin as approvers for each review status.
11. Goto node2 Web Client, open C00003, approve it to status review4.

12. Goto node1 Web Client, open C00003, approve it.

Expected Results: There should be no error message like "admin is not a valid approver or observer" when approve the change at any status.

13399173

SR 3-4694789511

Web Client (PC)

Issue: ENFORCE A LIMIT ON THE MAX NUMBER OF BOM ROWS CAN BE DISPLAY IN UI

Root Cause: The Expand button has been replaced by the Expanded Display button, which cause the maximum BOM limit lost in PLM93.

Resolution: Use the existing business logic to return an incomplete BOM tree in PLM92, then wrapper the tree structure to fit our business in PLM93.

Verification: 1. Log in to Java Client and go to Server Settings > Preferences, set Maximum Rows for Table Expansion as 11.

2. Log in to Web Client and create a part P0001, set its BOM:

```
P0002
--P0003
----P0004
----P0005
-----P0006 ~ P0008
P0003
--P0004
--P0005
----P0006 ~ P0008
```

3. Click Expanded Display button and select levels as All.

4. Click Display button.

Expected and Actual result: BOM levels 1–3 should display, while level 4 in any BOM should not display. Error message "The number of BOM rows exceeded the maximum specified by the Agile Administrator" will display.

13443298

Items and BOM

Issue: AFTER APPLY HF77, USERGROUP-BASED CRITERIA FAIL TO SHOW P2/P3 ATTRIBUTES

Root Cause: Privilege checking gets wrong value while multilist contains huge volume of data.

Resolution: Make sure privilege checking gets correct value while multilist contains huge volume of data.

Verification: 1. Log in to Java Client as admin.

2. Go to Classes, and point Parts.P2.multilist10 to User Groups, and visible it. visible some page three attributes.

3. Create one criteria "Parts Page Two.MultiList10 Contains Any \$USERGROUP" based on Parts.

4. Create Discover Parts and Read Parts using above criteria. Also create Enforce Field Level Read, Discover User Groups, Display No Privilege Fields.

5. Create a new user User001, add above privileges for this user.

6. Log in to Web Client as admin.

7. Import user group UG001 ~ UG100.

8. Create one user group, named "W_UG001".

9. Create one part P001, set UG001 ~ UG100, W_UG001 as P2.multilist10 value. Make sure W_UG001 was listed in the last, like "UG066; UG067; UG068; UG069; UG070; UG001; UG002; UG003;... UG099; UG100; WQIN_UG002".

10. Log in to Web Client as User001.

11. Search P001.

Expected Results: User001 can read PageTwo.multilist10 attribute value correctly, and P2 & P3 attributes display correctly.

Common Services

12423663

Internationalization

Issue: SUPPORT LANGUAGE SHOULD BE "SPANISH", NOT "SPAIN"

Root Cause: Wrong value entered into code.

Resolution: Value corrected.

Verification: 1. Log in to Java Client as administrator.

2. Go to Server Settings > Preferences > Languages.

3. Value "Spanish" is present.

12768361

Web Client Core Services

Issue: IN INTERNET EXPLORER (IE9-COMPATIBLE), MENUS AND BUTTONS OF REPORTS ARE OVERLAPPED

Root Cause: CSS issue in Internet Explorer ver. 9 (IE9), box model discrepancy between IE9 and earlier versions caused the issue. In IE9, `.treemenu.adjustTop -20px` should not be applied.

Resolution: In IE9+, `+(.09).toFixed(1) == .1` whatever the browser mode and document mode are.

In IE8, `+(.09).toFixed(1) == 0`, this is used to check whether the browser is IE9.

If user is using IE9, skip CSS style `.treemenu.adjustTop -20px`.

Verification: 1. Open IE9.

2. Log in to Web Client as admin.

3. Click Reports menu on left pane, buttons and menus should show correctly.

Actual result: Menus and buttons are not overlapped.

AVerify

9430944

3-2021096721; 3-4604094367; 3-3434092561; 2-5848497

AVerify

Issue: WHERE USED REPORT HAS AN UNEXPECTED ERROR

Root Cause: Discovery privilege can not use the criteria that contains `$CURRENTREV` after 9.3.1 release, and AVerify should check this after 9.3.1.

Resolution: Add AVerify case to check the Discovery privilege if it uses the criteria which contains `$CURRENTREV` after 9.3.1 release.

12598533

3-3684557991

AVerify

Issue: UNABLE TO CHECK FOR ITEM RELEASED BY NON-MCO THAT HAS ATTACHMENT BUT DOES NOT DISPLAY PAPER-CLIP ICON

Root Cause: Missed checking this situation in the test case error.

Resolution: Add the condition to check the situation in the test case.

12772718

3-4061713221

AVerify

Issue: INCORRECT ERROR CODE FORMAT ABOUT AGIL-00025148

Root Cause: The error ID is incorrect.

Resolution: Correct the error ID.

12847709

3-4707933275; 3-4711416491; 3-4817548601; 3-4182142201

AVerify

Issue: AGIL-00025147 AND AGILE-00025146 UNDO THE FIX FOR EACH OTHER

Root Cause: Test case error.

Resolution: Correct the test case.

Verification: 1. import the customer db.

2. Edit the averify.properties then run averify.bat.

3. Check the oracle_averify_report.log

Expected result: There is no 25147 error.

4. Edit testcase: AGILE-00025146 (fixerror number(1) := 1)

5. Run averify.bat again.

Expected result: There is no 25146error.

12945529

3-4415568511

AVerify

Issue: FIX FOR DATA EXCEPTION RAISED BY AGIL-00025027 WHERE VALUE = .)

Root Cause: AVerify case error.

Resolution: Correct the test case.

Verification: Import DB, run AVerify to make sure there is not the AGIL-00025027 error message in the log file.

12946082

3-4366247981

AVerify

Issue: USERS LOST DURING UPGRADE FROM AGILE 8.5 TO AGILE 9.3.1

Root Cause: The max id in table is greater than the sequence next id.

Resolution: Change the related AVerify case to critical errors and stop AUT if find these errors.

Verification: Import Depuy DB(85), upgrade it from 85 to 9312 by using AUT. The AUT shall be failed. And check the log file.

The error message of AUT.log:

AUT\config\utils.xml:195: Upgrade encountered Critical Error. Upgrade Terminating

The error message of AUT.log: AGIL-00025058 : C: BOM : table has bad data at id = 366752319 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025059 : C : CHANGE : table has bad data at id = 366751560 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025060 : C : CHANGE_HISTORY : table has bad data at id = 366754631 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025064 : C : VERSION : table has bad data at id = 366762812 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025065 : C : ITEM : table has bad data at id = 366758662 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025066 : C : ITEM_HISTORY : table has bad data at id = 366760781 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025067 : C : FILES : table has bad data at id = 366760420 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025068 : C : QUERY : table has bad data at id = 366763031 (Table ID is greater than the Sequence ID 366750852)

AGIL-00025070 : C : REV : table has bad data at id = 366761319 (Table ID is greater than the Sequence ID 366750852)

12985763

3-4061713221

AVerify

Issue: AVERIFY CASE AGIL-00025148 SHOULD NOT RUN ON BEFORE 92X RELEASES

Root Cause: Do not check the database version when running this test case.

Resolution: Add check database version statement in the test case.

Verification: Import 921 DBsetup, run AVerify 1.7.3, shall get this error message:

[exec] Running Testcase AGIL-00025148

[exec]

[exec] if(dbVersion >= 9.2.5) then

[exec] *

[exec] ERROR at line 5:

[exec] ORA-06550: line 5, column 21:

[exec] PLS-00103: Encountered the symbol ".5" when expecting one of the following:

[exec]) , * & - + / at mod remainder rem <an exponent (**)> and or

[exec] as || multiset

[exec] The symbol ", " was substituted for ".5" to continue.

13000273

3-4086139561; 3-4910759571; 3-4999705061; 3-3296271731

AVerify

Issue: REPLACING A LIST ON A FIELD ERRORS WHEN THE FIELD IS ALREADY USED ON A SEARCH

Root Cause: There are some bad data in the db.

Resolution: Delete the bad data.

Verification: 1. Import Agile database (e.g.database version is 9302);

2. Connect to the schema, and run below scripts: "select * from select_list where query_id in (select id from query where id>540 and id not in (select objectid from foldering) and Name is not null and TO_Char(ID) != NAME);" "select * from criteria where query_id in (select id from query where id>540 and id not in (select objectid from foldering) and Name is not null

and

TO_Char(ID) != NAME);" "select * from query where id>540 and id not in (select objectid from foldering) and Name is not null and TO_Char(ID) != NAME;"To make sure there are the rows in the tables;

3. Upgrade the schema to 9312 by using the AUT 1.7.3

4. Run the above scripts again; To make sure there are not any rows in the tables.

13146702

3-4659862374

AVerify

Issue: AGIL-00025146 BECOME UNABLE TO FIX FOR ITEM HAS ATTACHMENT BUT WITHOUT CLIPMARK

Root Cause: Miss to check this situation in the test case error.

Resolution: Add the condition to check the situation in the test case.

Verification: 1. import the customer db.

2. Edit the averify.properties then run averify.bat.

3. Check the oracle_averify_report.log

Expected result: There is no 25147 error.

4. Edit testcase: AGILE-00025146 (fixerror number(1) := 1)

5. Run averify.bat again.

Expected result: There is no 25146error.

13425808

3-4959594381

AVerify

Issue: FIX FOR AVERIFY AGIL-00025104 AND AGIL-00025123 TEST CASES

Root Cause: Averify case AGIL-00025104 is duplicated with AGIL-00025123

Resolution: Remove the case AGIL-00025104.

Verification: Goto #:\Averify\scripts\testcases, check the Averify case AGIL-00025104. Make sure the case has been disabled.

Automated Upgrade Tool

10411060

3-1847869591; 3-3280772081; 3-3482153121; 3-3500033461

AUT

Issue: FIND WHERE-USED ON AN ITEM IS RETURNING INCORRECT RESULTS

Root Cause: The flag in BOM table is not correct in the customer DB before upgrade, support request to fix the issue during the upgrade in AUT.

Resolution: Add the fix script into upgrade path 9.3.0.2 to 9.3.1.1.

11684437

3-2834721381

AUT

Issue: AUT CAN TERMINATE WITH ERROR WHEN PROPERTY VALUES CONTAIN TRAILING SPACES

Root Cause: The presence of trailing white space in the values in `aut.properties` file.

Resolution: Remove the white space when getting the properties.

Verification: 1. Import an old DB (e.g., PLM 9.3.0).

2. Enter white space into the parameter of `aut.properties` file

For example,

```
dest.jdbc.url = jdbc:oracle:thin:@szdb2.agile.agilesoft.com:
1521:a1lg9311
dest.jdbc.driver = oracle.jdbc.driver.OracleDriver
dest.db.user = a04
dest.db.password = BDF88B769D90AD5A
dest.tns.name = a1lg9311_szdb2
dest.db.system.user = system
dest.db.system.password = 4F77F90E58C3CDDA10
dest.oracle.home = C:\\app\\product\\11.1.0\\client_1
```

3. Upgraded it to 9.3.1.2 by using AUT. Made sure the AUT works correctly.

12646727

3-3791493831; 3-4043192841; 3-4084177461; 3-4147986781; 3-4748917741

AUT

Issue: ACTION,REQD,REVIEWER AND SIGNOFF USER INFO IS EMPTY FOR ALL THE CHANGE, UPGRADE

Root Cause: It removed some rows with affected_item column is null in change_history table during the upgrade.

Resolution: Change the script to update the affected_item to 0 instead of removing them.

Verification: 1. Rename the attachments to ZIP file and unzip them.

2. Run `Finisar_06Jun_at_85.sql` against customer 85 db.

3. Replace the file `oracle_upgrade90_psi.sql` under `AUT\scripts\oracle\85\85to90sp1\psi` folder using the attached file.

4. Run AUT again.

After running the upgrade script with fix in AUT, customer does not need to run any other script against their PLM 9.3.1 database.

12861591

3-4163765031; 3-4213067297; 3-4969917761; 3-4999061041

AUT

Issue: IN WEB CLIENT, MANUFACTURER OBJECT'S WHERE USED TAB IS NULL AND JAVA CLIENT UNKNOWN ERROR

Root Cause: The data is incorrect in the database before upgrade.

Resolution: Correct the value when upgrading to 9.3.1.1 release during the upgrade.

Verification: 1. Set up Agile Application Server (AAS) with Win-WLS-Agile9311-SA.

2. Upgrade Demo DB from 9225 to 9312.

3. Deploy AAS with upgraded database.

4. Log in to Web Client as administrator.

5. Run Advanced Search for existing Mfr Part objects, check their Where Used tabs.

12904875

(No SR)

AUT

Issue: AVERIFY UPGRADE REPORTS DIFFERENT ERROR NUMBERS RETURNED

Root Cause: The error IDs are different between AUT and AVerify.

Resolution: Change the error ID in AUT to be the same as the AVerify.

12984332

(No SR)

AUT

Issue: AUT SHELL SCRIPT FOR UNIX (AUT.SH) FAILS ON AIX ('-HOTSPOT' FLAG)

Agile Installer and Upgrade

12609132

3-3922479771; 3-4034602061; 3-4163650287; 3-4357347461; 3-4659241731

Installer

Issue: AGILE9_CHECK.SQL 9311 REPORTS INCORRECT MESSAGE

Root Cause: Script error.

Resolution: Correct the script.

Verification: Change SQL script `agile9_check.sql` to reflect correct column count for these views:

- ATTACHMENT_P2P3 should have 231 columns
 - DISCUSSION_RELATED_TO should have 5 columns
 - MDO_ITEM_MAP should have 84 columns
 - PSR_ITEM_VIEW should have 111 columns
-

12978749

(No SR)

Installer

Issue: PROVIDE SCRIPTS TO MORE EASILY SUPPORT UPGRADE WITHOUT REORG

Resolution: Created new file `compile_invalid_objects.sql`, moved CTX/DOMAIN Index drop/create into new file `agile9_ctx_recreate.sql` and moved NORMAL Index drop/create into new file `agile9_index_recreate.sql`

Administration

13258354

3-4838533941

Administration/Configuration

Issue: SYSTEM PREFERENCE PENDING WHERE USED TABLE CACHE TIME (IN MINUTES) NOT RECOGNIZE

Root Cause: Missing this property "ID_PENDING_WU_TABLE_CACHE_TIME" when validating the property.

Resolution: Add validation for this property.

Verification: 1. Log in to Java Client as admin.

2. Go to Server settings > Preference, try to set Pending Where Used Table Cache Time (in minutes) as another number, click Save button.

Result: Can set number 0–999 for Pending Where Used Table Cache Time (in minutes).

Integration: SDK, AIS, Export, ACS

13262831

3-4831086281

AIS

Issue: 9311 AIS EXPORT ON CHANGES RESULTS IN OOM

Root Cause: In 9311 the "tableOnly" option for Affected Items table works in different ways comparing with 9225. In 9225 no redline info will be export but since 931 all redline attributes and redline bom/aml will be loaded. For AI table, one more level boms will be loaded for redline which is redundant work. "TableOnly" option doesn't work for AIS.

Resolution: Merge the fix of 9311.90.

Recipe Management for Pharmaceuticals

12868070

(No SR)

Recipe

Issue: ERROR ON NAVIGATING TO BOM TAB FROM OUTPUT TAB IN RECIPE (SOON AFTER CREATION OF INPUT VARIABLE IN OUTPUT TAB)

Known Issues

This chapter includes the following:

- Known Issue Disclaimer 83

This chapter contains a list of known issues for this release. These were deferred from this release, but may be fixed in a future release. Numbers in this section are for Oracle Agile internal use only.

Known Issue Disclaimer

This list of Known Issues consists of those found at the time of the initial release. The product may have additional issues found after the initial release and therefore this list is subject to change and is not always comprehensive. Oracle support will continue to track known issues of this product release found on My Oracle Support. Please check for updates at <https://support.oracle.com>.

For each known issue:

- On the first line, the number is the internal Defect number.

13406339

Product Cost Management (Sourcing Projects)

Issue: SELECT ALL (CTRL+A) FOR THE LIST VALUES IN THE SERVICE PACK FILTERS IS NOT WORKING

Steps to Reproduce: 1. Create an Item with AMLs (add more than 10 Mfr. Parts with 2 or more different Manufacturers).

2. Create Sourcing Project and add the above Item with associated AMLs.

3. Go to AML tab and apply filter Manufacturer name Equal to " " and add all the Manufacturers.

4. Select one of the Manufacturers and use CTRL+A to select the rest of the Manufacturers.

Workaround: N/A: trying to select with shift key is also not working. Unable to remove multiple list values.

13426082

Product Collaboration (Items)

Issue: FLEX DATE ATTRIBUTE ON PARTS PAGE2 & PAGE3 CAN'T BE "SAVE AS" TO A NEW PART

Steps to Reproduce: *Precondition:* 1. Log in to Java Client as admin.

2. Create one flex Date attribute "FlexDate01" on Parts.PageTwo and Enable it
3. Create one flex Date attribute "FlexDate02" on Parts.PageThree and Enable it

Steps: 1. Log in to Web Client as admin.

2. Create a new part P00001.
3. Enter value in PageTwo.FlexDate01 and PageThree.FlexDate02, then Save
4. Create a new part P00002 using "Save As" from P00001.
5. Check the value in PageTwo.FlexDate01 and PageThree.FlexDate02

Issue: PageTwo.FlexDate01 and PageThree.FlexDate02 is empty.

Expected Result: P00002.PageTwo.FlexDate01 and PageThree.FlexDate02 should be same as P00001.

Workaround: N/A

13479625

Product Governance & Compliance

Issue: [IE9]CAN'T ADD SPECIFICATION TO A PART WHEN ACTIVE-X FILTERING IS TURNED ON

Root Cause: Ajax utility of jQuery (ver. 1.2.1) is used by this page, but this version of Ajax is trying to use window.ActiveXObject to instantiate request objects in IE, which is blocked by the new feature ActiveX Filtering of IE9 when enabled.

Workaround: Turn off ActiveX Filtering when working with Items.Specifications tab.

13509203

Product Collaboration (Items)

Issue: AFTER REMOVING SITE RELATED BOM FOR SCO, EXPANDED DISPLAY IS NOT CORRECT

Steps to Reproduce: *Preconditions:* Java Client, set Maximum Rows for Table Expansion as 11.

1. Create an assembly P0001 with site Hong Kong and India and create its BOM, like:

```
P0002
--P0003 Hong Kong
--P0003 India
--P004 Hong Kong
P0002 Hong Kong
--P0003 Hong Kong
--P0003 India
```

--P004 Hong Kong
P0002 India
--P0003 Hong Kong
--P0003 India
--P004 Hong Kong

2. Create an ECO C0001 against P0002 and release C0001.
3. Create a SCO SCO0001 against P0002 (Hong Kong) and do redline for P0002 (Hong Kong).
4. Remove P0003 Hong Kong.
5. Release SCO0001.
6. Go to P0001.BOM tab and expand level 2 BOMs.
7. Click Expanded Display button and select All levels.
8. Click Display button and compare Expanded display page with BOM tab.
9. Add an existing part P0005 to P0001.BOM tab.
10. Go to P0001.BOM tab.
11. Click expanded display button and select all levels.

Actual results: step8, Compare BOM tab with Expanded page, two rows are missing.

step11, Both level1 and level2 BOMs were display.

*Expected results:*step8, BOM page and expanded page should be the same.

step11, level2 BOMs should not be displayed because it exceeded limitation.

Workaround: N/A

13518875

Core Services (Attachments)

Issue: NON-AVAILABILITY OF .SH FILE ON LINUX PLATFORM FOR DOCUMENT PUBLISHING.

Steps to Reproduce: We don't have the ant.sh packaged in Linux installer to run Document Publishing build.sh.

Workaround: N/A

13518958

Product Collaboration (Changes)

Issue: AFTER REMOVING SITE RELATED BOM FOR SCO, GO TO FUNCTIONS DOESN'T WORK FINE

Steps to Reproduce: Preconditions: Java Client, set Maximum Rows for Table Expansion as 11.

1. Create an assembly P0001 with sites Hong Kong and India and create its BOM, like:

```
P0002
--P0003 Hong Kong
--P0003 India
--P004 Hong Kong
P0002 Hong Kong
--P0003 Hong Kong
--P0003 India
--P004 Hong Kong
P0002 India
--P0003 Hong Kong
--P0003 India
--P004 Hong Kong
```

2. Create an ECO C0001 against P0002 and release C0001.

3. Create a SCO SCO0001 against P0002(India) and do redline for P0002(India).

4. Remove P0003 India.

5. Release SCO0001.

6. Go to P0001.BOM tab.

7. Click Go To button, Input P0003 to Find text field and select All levels.

8. Click Find Next button.

Actual results: It shows the info "3 matches were found for the specified levels" and located to the first match.

Expected Results: It shows the info "5 matches found" and located to the first match.

Workaround: N/A

13522857

Integration (SDK)

Issue: `PRODUCTREPORTCONSTANTS.BOMCOMP_BOMLEVEL` DOES NOT WORK FOR BOM COMPARISON REPORT

Steps to Reproduce: 1. Create Item01 and Item02.

2. Add several levels of BOMs to both items.

3. By SDK, set Compare BOM level with different values (1, 2..) for BOM Comparison Report.

```
>param.put (ProductReportConstants.REPORTPARAM_REPORT_TYPE,  
ProductReportConstants.REPORT_BOM_COMPARISON);  
>param.put (ProductReportConstants.BOMCOMP_BOMLEVEL, XXX);
```

4. Execute the report and check the output.

Actual Results: No matter what value specified for Compare BOM level (ProductReportConstants.BOMCOMP_BOMLEVEL), the report output string always return all levels BOM.

Expected Results: ProductReportConstants.BOMCOMP_BOMLEVEL should work well for executed report's results.

Workaround: N/A

13528489

Core Services (Attachments)

Issue: DOCUMENT PUBLISHING: THUMBNAILS ARE NOT GENERATED IN WLS ENVIRONMENT

Steps to Reproduce: Thumbnail is not generating in output file on running DocumentGeneration PX.

Precondition: Set up an event PX for DocumentGenerationPX.

1. Log in to Web Client.
2. Trigger Template Management Structure CreationPX.
3. Create a Document, add files, edit Title Block attributes.
4. Create a DocumentTemplate object
5. Trigger Schema Generation PX.
6. Navigate to TitleBlock page and set Document Type to PDF, Filter to ItemTabs and TemplateHolder.
7. Trigger Data Generation PX.
6. Attach the RTF file to DocumentTemplateObject.
7. Create a change and release the change object.
8. pdf report got generated and attached to the attachment type of respective object.
9. Get the pdf report and verify the thumbnail.

Actual Results: Thumbnail URL is displayed with tokens, on pasting the URL to Browser thumbnail displays.

Workaround: N/A

13528508

Core Services (Attachments)

Issue: DOC-PUBLISHING: BI REPORT – DOCUMENTGENERATIONWSPX IS FAILING ON WLS ENVIRONMENT

Steps to Reproduce: DocumentGenerationWSPX: Failed :java.net.ConnectException: Connection timed out: connect error is displayed on running webservice PX.

Precondition: Setup an event PX for DocumentGenerationWSPX.

1. Log in to Web Client.
2. Trigger Template Management Structure CreationPX.
3. Create a Document, add files, edit TitleBlock attributes.
4. Create a DocumentTemplate object.
5. Trigger Schema Generation PX.
6. Navigate to TitleBlock page and set the Document Type to PDF, Filter to ItemTabs and TemplateHolder.
7. Trigger Data Generation PX.
6. Attach the RTF file to DocumentTemplateObject.
7. Create a change and release the change object.

Actual Results: DocumentGenerationWSPX: Failed :java.net.ConnectException: Connection timed out: connect error is displayed.

Workaround: N/A

13575430

Agile Content Service

Issue: PACKAGE RESPONSE SERVICE AND AGILE DESTINATION CAN NOT BE CREATED

Steps to Reproduce: 1. Create Agile Destination (ACS). Grab Package Services doesn't work.

2. Create Response Service (ACS). Retrieve GUID: there is an empty error dialog with OK button that appears and no GUID is retrieved.

3. Create a Package. Enable Source GUID, XFER Order Locator attributes. Enable Read and Modify for the two attributes: the two attributes are uneditable.

Expected Results: Should be able to create Agile Destination; should be able to create Response Service; should be able to edit the two attributes Source GUID, XFER Order Locator.

Workaround: N/A