

# ORACLE AGILE ENGINEERING DATA MANAGEMENT - RELEASE NOTES FOR AGILE E6.1.2

---

March 29, 2011

**Part No.** E22325-01

---

The scope of Agile e6.1.2 comprises of functional enhancements, platform changes and bug-fixes.

This document outlines the enhancements and additions to the core product as well as the improvements in each of the following areas:

- AutoVue Integration
- Java Client
- Classification
- Features Not Supported
- System Configuration
- Workflow
- Distributed File Management
- Oracle WebLogic Server 11g Integration
- Installation Process Optimization

This document also outlines the features and functionality which are not supported in this release.

**Note** – Next to this, some bug fixes have been rolled up in Agile e6.1.2. Please see the Release Notes - Fixed Bugs, which contains a list of fixed bugs and a list with Known Issues.

**Note** –A detailed list of supported platforms can be found in the document Platform Support.

# Contents

AutoVue Integration	3
Java Client	4
Combined Search	4
Accessing Top Menu via Keyboard Shortcuts	4
Keyboard Shortcuts to switch between Java Client forms	4
Visualization of Mandatory Fields	4
Visualization of Logical Fields	5
Classification	5
“Set visibility” for “abstract” classes	5
Features Not Supported	5
Office Suite WebStart deployment	5
TCL Integration	5
System Configuration	5
Agile e6 Server startup timeout and automatic shutdown	5
Workflow	6
Separate configuration of due and batch activities in Watchdog	6
Additional attributes for mail layout	6
Distributed File Management	6
Oracle WebLogic Server 11g Integration	6
Installation Process Optimization	7

## AutoVue Integration

So far the AutoVue integration mainly supported the use case of the loading and viewing documents, especially CAD files.

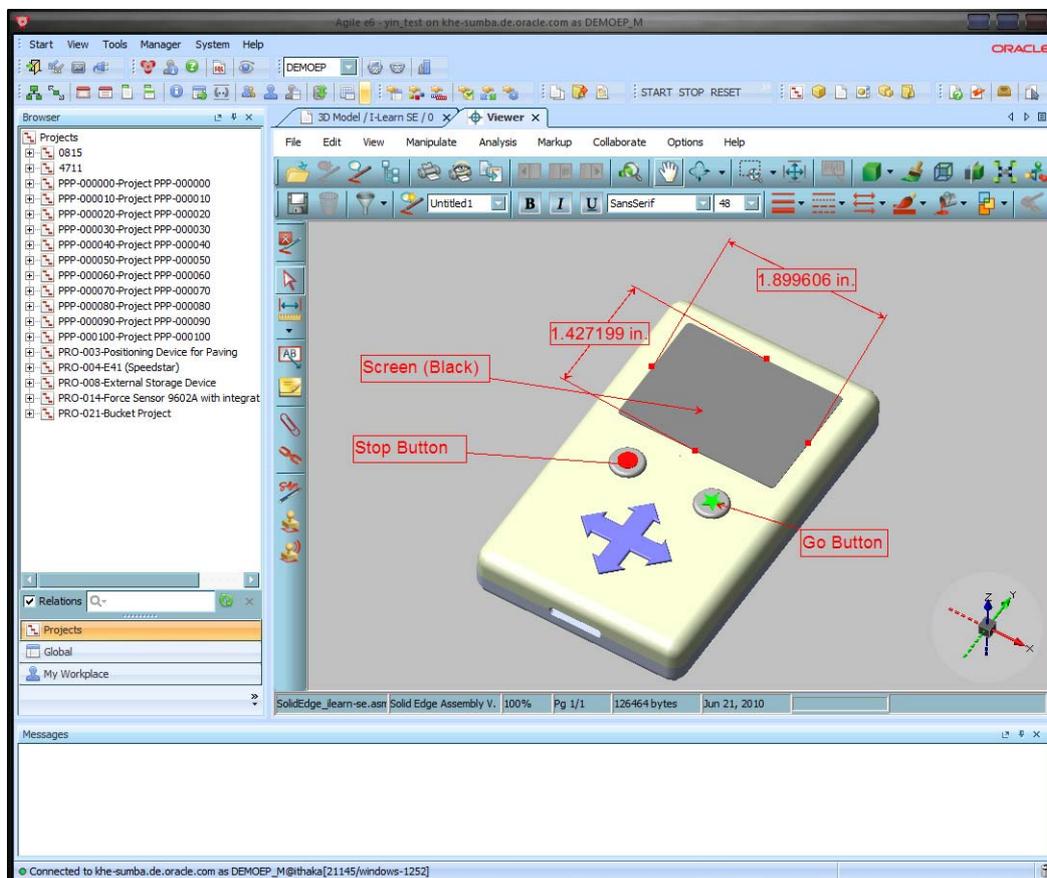
**Note** - The AutoVue integration is applicable only with Java Client).

Agile e6.1.2 provides an enhanced AutoVue integration which allows editing of documents in the AutoVue Viewer, thus creating and attaching different types of a markup, for example, the annotations. The markup information is stored as a separate document type in Agile e6.1.2 and is linked to the (source) document (e.g. 3D CAD) assembly.

The enhanced AutoVue integration allows implementing a consistent document review process as part of the enterprise change management. Reviewers load the (source) document, which needs to be reviewed, into the AutoVue and start creating redline information using AutoVue's sophisticated markup features. The markup information is stored back into Agile e6.1.2, thus being available for access at any time and in a very consistent manner.

You can even invite several reviewers to a real-time collaboration session which allows collecting input from several reviewers in parallel. The group of reviewers can share the same view of, for example, a 3D assembly and add their comments to the design. All the information is stored as markup information in Agile e6.1.2.

AutoVue and its markup capabilities are not limited to CAD documents (MCAD 2D/3D and ECAD) but can handle a large variety of documents formats, such as Office documents (MS-Office, PDFs). For further details of supported document formats, please visit AutoVue Webpage.



In addition to the functional enhancements, the technical architecture of the AutoVue integration has been further improved. The AutoVue server now accesses the user specific PLM server process to extract the data for viewing. This is a major improvement where AutoVue starts additional server processes to access the PLM data. The server load is now reduced owing to lower number of PLM server processes. In addition, the risk of extracting data from PLM server using a different view setting than the interactive user has been eliminated.

## Java Client

### Combined Search

The Java Client is enhanced to execute combined searches. A combined search is a query where search criteria are defined for the header section of the form and for the sublist section of the form at the same time. The system retrieves those records which fulfill both query conditions (AND operation).

Compared to the DTV client, the behavior is more intuitive. To execute a combined search, you enter the query mode in header and sublist sections of the form. Define the query criteria and execute the query by pressing the header form query button or the sublist form query button.

To switch from combined search mode to normal search mode, cancel query mode for header section or sublist section.

### Accessing Top Menu via Keyboard Shortcuts

The Top Menu can be controlled with keyboard shortcuts. Use <Alt> + <Key> to access a specific menu. When you press <Alt> key, the Java client shows relevant characters marked by an underline sign.



### Keyboard Shortcuts to switch between Java Client forms

Keyboard shortcuts are available to switch between Java Client Tabs in SDI mode or windows in MDI mode:

- ❑ **F6**            Activate next window/tab
- ❑ **Ctrl-F6**    Activate previous window/tab
- ❑ **Ctrl-F4**    Close window/tab

### Visualization of Mandatory Fields

The title of the mandatory fields in the lists is rendered in red color.

## Visualization of Logical Fields

The visualization of logical fields has been improved to be able to represent the five different states of a logical field.

Current  
 Don't Care: Slash

Current  
 True: check Mark

Current  
 False: empty

Current  
 Not Null: check mark on gray background

Current  
 Null: gray background

## Classification

### “Set visibility” for “abstract” classes

Abstract classes are used to build class hierarchies. Setting the visibility of attributes is now supported for abstract classes and non-abstract classes.

## Features Not Supported

### Office Suite WebStart deployment

Due to the modified security model of Microsoft VISTA and Microsoft Windows 7, it is not appropriate to offer WebStart based installation of the Office Suite component.

### TCL Integration

The TCL Integration has been decommissioned

## System Configuration

### Agile e6 Server startup timeout and automatic shutdown

The Agile e6 server now supports a startup timeout and an automatic shutdown feature.

The startup timeout become effective when the server is started in ECI mode but no connection is made in the specified timeout period.

Once the server has been started and one or more ECI connections have been established, the automatic shutdown takes place when the last ECI connection to the server is closed.

Both features are configurable in the environment specific XML file, and per default, both are deactivated.

These features are available only when the server is started by the Java daemon or when it runs as a standalone ECI server. A server connected to a Windows client does not support these features.

## Workflow

### Separate configuration of due and batch activities in Watchdog

The Watchdog allows setting separate timing parameters for the following activities

- New activities
- Due/Overdue activities
- Batch activities

### Additional attributes for mail layout

The mechanism to incorporate attribute values in the Workflow mailing has been enhanced.

The following attributes can be used in Workflow mailing:

- All attributes of the entities "Process", "Activity", "Work Item".
- All attributes of the entity Work Order or Work Request if the process was initiated via a Work Request or Work Order.
- The Project Name or Company Name if the process works with additional project or organization filter.

If necessary, additional fields can be added to the workflow repository (ABS\_<env-name>.ini) which will automatically be considered for the attribute collection.

## Distributed File Management

A new Default FMS-DDM-SITE has been introduced to specify the DFM Site. The following sequence applies to evaluate the DFM Site definition:

1. First the system checks if the Agile e6.1.2 client provides a definition of the DFM Site.
2. If this fails, the system checks if there is an environment variable on client machine which defines the DFM site.
3. If this too fails, the Default FMS-DDM-SITE will be evaluated.
4. If none of these definitions exists, the system will throw an error message.

## Oracle WebLogic Server 11g Integration

With Agile e6.1.2, Oracle WebLogic Server 11g has been chosen as the J2EE application server. Oracle WebLogic Server 11g fully implements the latest Java EE standards and offers choice in development frameworks and tooling. Comprehensive and accessible management capabilities enable administration of sophisticated systems via a well-designed graphical console and/or automation. All users benefit from Oracle WebLogic

Server's reliability and performance, which has been tested over years of enterprise-grade production use in demanding customer environments the world over.

Oracle WebLogic Server 11g is at the core of Fusion Middleware. Thus integrating Oracle WebLogic Server 11g in Agile e6.1.2 is a significant milestone for the Fusion enablement of Agile e6.

## Installation Process Optimization

Installation of the several components of Agile e6 has been broken down into separate steps.

Every installation step is executed standalone, thus facilitating a much easier verification of trouble shooting of the installation.

On the server side, installation of WebLogic Server has to be completed first before the Agile e6 server components can be installed.

The Agile e6.1.2 installer now clearly differentiates between native components and J2EE components. Both types of components can be installed on the same or on different servers.

The native component installer sets up services like Java Daemon, File server and core server libraries.

The J2EE components can be distinguished into installation specific or application specific deployments. Thus, there are separate WebLogic Server domains for both categories of deployment.

The Weblogic deployment for the installation domain contains the Agile e6 installation specific J2EE applications like WEB presentation service, http support and webfile service. A second Weblogic domain manages the Agile e6 application specific services like Business server with Workflow, Permission Manager and Product Configurator.

For complete information, please refer to the *e612 Administration Guide*.