Release Notes
Oracle AutoVue VueLink 20.0 for ENOVIA
Interface for Oracle AutoVue
Oracle Corporation

Introduction

Oracle AutoVue VueLink 20.0 for ENOVIA provides an interface between ENOVIA PLM and Oracle AutoVue. This interface enables users to add powerful viewing and markup capabilities to various ENOVIA Application Centrals such as ENOVIA Designer Central.

Note: For Oracle AutoVue VueLink Integration programs, installation and use of the Document Management System Customization (DMS Customization) and Document Management System Extension (DMS Extension) should not be counted when determining the total number of computer(s) to license.

System Requirements

Operating System

Operating Systems that have been certified in this release:

- Windows Server 2008 R2 Enterprise (32-bit mode)

AutoVue

- Oracle AutoVue 20.0.0 (and any higher service pack for 20.0.0)
  Note: Prior to deploying the VueLink, you must locate and disable the following 19.3 VueLink-compatibility option in *jvueserver.properties*:

  ```
  dms.vuelink.version=19.3
  ```

  To disable, add the number sign (#) to comment-out the option:

  ```
  # dms.vuelink.version=19.3
  ```

ENOVIA Server installation

- ENOVIA Live Collaboration Server V6R2011
- MQL component of ENOVIA Studio Modeling Platform V6R2011 (required by InstallShield Setup Program for installing schema)
- Business Modeler component of ENOVIA Studio Modeling Platform V6R2011 (required to grant business privileges to Administrator user)
- ENOVIA Live Collaboration Business Process Services V6R2011
- ENOVIA Designer Central V6R2011 (Optional)
- ENOVIA File Collaboration Server V6R2011 (Optional)
- Matrix Navigator of ENOVIA Studio Modeling Platform V6R2011—required to configure the SolidWorks Integration—(Optional)

Application Server / Servlet Engine

Servers that have been certified in this release:

- Tomcat 6.0.20

New Features

- Support for ENOVIA PLM V6R2011
- Support for enhanced security provided by AutoVue 20

Features Added in Earlier Releases

- Support for viewing markups from Related Markup page
- Support for viewing renditions from Derived Output page
- Support for search of files stored in ENOVIA repository
- Support for batch print of files stored in ENOVIA through browse & search
- Support for cross probe of ECAD files stored in ENOVIA through browse & search
- Support for digital mockup of ECAD and 3D files stored in ENOVIA through browse and search
- Support for ENOVIA installed in a cluster environment
- Support for file browse
- Support for ENOVIA data model defined by Integration Exchange Framework IEF
- Support for new Common Document Model (CDM)
- Support for ENOVIA File Collaboration Server
- Support for AutoCAD XRefs stored by MXi AutoCAD
- Support for CATIA 4 Models stored by MXi CATIA with their transformation matrices
- Support for Bookmarks where 2D Drawings contain links to 3D assemblies/parts
- Support for Pro/ENGINEER Assemblies/Parts/Family Tables stored by Mxi Pro/ENGINEER integration
- Support for ENOVIA Java Programs (JPO) defined in print codes for header/footer/watermark

- Support for normal/master/consolidated markup types in ENOVIA Live Collaboration Business Process Services environment
- Support for ENOVIA Live Collaboration Server setup in RIP (Platform Server In Process) mode
- Enhanced installer with support for:
    - eMatrix WAR Utility for packaging
    - eMatrix WAR/EAR files for J2EE deployment
- Automatic configuration of Offline Streaming file caching utility
- Support for AutoVue Real-Time Collaboration
- Support for viewing documents stored in ENOVIA repository including 3D MCAD assemblies
- Support for external reference files (XREFs)
- Support for markup/redlining with markups being stored inside ENOVIA repository
- Support for normal/master/consolidated markup types with AutoVue schema
- Support for opening markups which belong to previous revisions of base document
- Support for automatic markup promotion
- Support for international (Korean, Japanese, etc.) characters in markup filenames using UTF-8
- Support for document attributes to be printed in footer/header/watermark
- Support for print notification messages from AutoVue Server
- Support for file conversion to TIFF stored in ENOVIA repository as viewables
- Support for file compare among revisions of a document stored in ENOVIA repository
- Support for online caching of streaming files into ENOVIA repository as viewables
- Support for offline caching of streaming files into ENOVIA repository using streaming file caching utility as viewables
- Setup Program for automatic installation of VueLink
- Support for HTTPS/SSL environment
- Support for ENOVIA Live Collaboration Business Process Services schema for 3D CAD Models and assemblies
- VueLink configuration is saved in a global business object inside ENOVIA and also inside VueLink properties file
- Support for Single Sign On (SSO) with internal/external authentication
- Support for ENOVIA Live Collaboration Business Process Services with ENOVIA Designer Central along with other Centrals

Included in the Media Pack

dms_extension

This folder contains a list of files that have been developed to extend DMS functionality. These files are called by VueLink servlet to run various queries inside DMS.

vuelink_documentation

This folder contains Oracle AutoVue VueLink for ENOVIA documentation which contains:

User's Manual

Describes various features supported by Oracle AutoVue VueLink for ENOVIA, such as file viewing, and opening and saving markups.

System Administrator guide

Describes step by step procedure for installing and configuring Oracle AutoVue VueLink for ENOVIA.

Manual Installation Guide

Describes step by step procedure for manually installing Oracle AutoVue VueLink for ENOVIA.

vuelink_servlet

This folder contains the following files:

- vuelink.jar : VueLink java classes
- vueservlet.jar : VueServlet java classes
- commons-httpclient.jar : Apache Common HTTP package
- commons-logging.jar : Apache Common logging package
- csiApplet.html : Template page
- csiLaunch.properties : VueLink properties file
- xrefschema.xml : XRefs schema XML file
- vuelink.properites : VueLink properties file

etc

This folder contains the following files:

- **releasenotes.pdf**
  This document.
- **filelist.txt**
  List of files and folder structure.
- **version.txt**
  Build and build date information of this release.
- **3rdParty**
  This folder contains licenses of all third party components that have been bundled with VueLink e.g. The Apache Software Foundation (http://www.apache.org/).
- **Acknowledgements.pdf:**
  This file lists 3rd party software components used by VueLink.

streaming_file_utility

This folder contains the streaming file caching utility for ENOVIA. Please refer to readme.html in this folder for instructions.

vuelink_setup

This folder contains the installer for VueLink.

Known Issues

When using the ENOVIA DEC Browse option from the File Open dialog of AutoVue, you will not be able to select a file if there is a folder that shares the same name and is located at the same hierarchy level as the file. To workaround this issue, you can revert to the 19.3 File Open dialog by setting the EnableUniversalFileChooser option to **0** in the allusers.ini file located in the Oracle AutoVue *bin* folder.
For example, you may experience this issue when selecting a CAD file that was checked in from SolidWorks integration with Derived Outputs or ThumbnailViewable as there will be folder with the same name as the file.

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