

Oracle® AutoVue Web Services

Release Notes

Release 20.2.3

January 2015

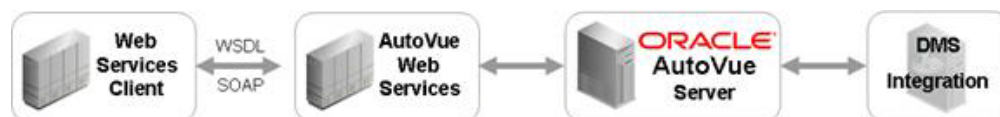
For the most up-to-date version of this document, go to the Oracle AutoVue Documentation Web site on the Oracle Technology Network (OTN)
<http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

1 Introduction

Oracle AutoVue Web Services is intended for system integrators or developers who want to integrate Oracle AutoVue with their applications. AutoVue Web Services is written in Java and based on Java API for XML Web Services (JAX-WS).

Clients that consume AutoVue Web Services can be written in any language as long as they understand Web Services Description Language (WSDL) and communicate using Simple Object Access Protocol (SOAP).

Figure 1 Web Services integration



2 System Requirements

- Oracle AutoVue 20.2.3 (and any patches for 20.2.3)
- Server Operating Systems
 - Windows 2008 32-bit
 - Windows 2008 64-bit (AutoVue running in 32-bit mode)
 - Windows 2008 R2 64-bit (AutoVue running in 32-bit mode)
 - Windows 2012 64-bit (AutoVue running in 32-bit mode)
 - Redhat Enterprise Linux 5.8 (and up) (x86) and 6.X (x86) 64-bit (AutoVue running in 32-bit mode)
 - Oracle Linux 5.8 (and up) (x86) and 6.X (x86) 64-bit (AutoVue running in 32-bit mode)
- A J2EE 5 Application Server
 - Oracle AutoVue Web Services is certified with Oracle WebLogic 11g (10.3.4)

- AutoVue Web Services uses Java annotation and other features introduced in Java EE 5. As a result, AutoVue Web Services can only be deployed on a Java EE5 (or later) certified application server.
- The following VueLinks have been validated with AutoVue Web Services:
 - VueLink 19.3.2 for Documentum
 - VueLink 20.1 for Oracle UCM

Note: AutoVue Web Services on Linux machines require X server. If you need to connect to a Linux machine through the X window system (for example, Xming) to start AutoVue Web Services server, you must use the one with Mesa 3D capability (for example, Xming-mesa) in order to print a file that contains 3D pages.

AutoVue Web Services has the same dependency as the AutoVue client in terms of the third-party libraries (libGL.so, libGLU.so). For more information please refer to the Oracle AutoVue Installation and Configuration Guide.

3 Features

This release of Web Services provides the following features.

3.1 Text extraction Web Service

This Web service returns text contained in a given file.

3.2 File level metadata extraction Web Service

This Web service returns metadata and properties for a given file.

3.3 External References (XRefs) Web Service

This Web service returns a list of XRefs associated with a given file.

3.4 Part Tree extraction Web Service

This Web service returns a list of parts contained in a given file. For example, in the case of a 3D assembly, this Web service returns a list of parts and sub-assemblies referenced by the 3D assembly.

3.5 Part level metadata extraction Web Service

This Web service returns metadata for a given part in a given file. For example, in case of a 3D assembly, this Web service returns properties of a particular part referenced by the 3D assembly.

3.6 Print Web Service

This Web service sends a given file to a printer for printing.

3.7 PacketPrint Web Service

This Web service prints a group of documents (packets) one at time.

3.8 Conversion Web Service

This Web service converts a given file into another format such as JPEG/PDF/TIFF. For example, you can generate a thumbnail in JPEG format for a given file.

3.9 Get Printer Properties Web Service

These Web services return lists of available printers and each printer's available paper sizes.

3.10 Get Layer Web Service

This Web service returns a list of pages and a list of layers for each page.

4 Included in the Media Pack

The Media Pack includes the following folders.

4.1 docs folder

This folder contains the JavaDocs. All other documentation can be found on the Oracle Technology Network (OTN)

<http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

4.1.1 JavaDocs folder

Contains JavaDocs for Oracle AutoVue Web services.

4.2 Folder Contents

This folder contains files needed to generate AutoVueWS.WAR for deployment into J2EE 5 (or later) application server:

- **AutoVueWS:** A staging folder for generating AutoVueWS.war.
- **sample_config:** Contains configuration files used by AutoVueWS.war.
- **createWARfile.bat:** Batch file which generates AutoVueWS.war and VueServlet.war on Windows OSes.
- **sample_client:** Contains sample AutoVue Web Services client code that demonstrates a persistent retry as long as the server is busy or when there is not enough memory.
- **VueServlet:** The staging folder for generating VueServlet.war.
- **createWARfile.sh:** Shell scripting which generates AutoVueWS.war and VueServlet.war on Linux OSes.

4.3 etc

This folder contains the following files:

- **version.txt:** Version information

- **filelist.txt:** List of files and folders structure contained in this release
- **3rdParty:** This folder contains licenses of the included software components developed by 3rd party companies. It has the following subfolders:
 - **apache:** This folder contains licenses of the included software developed by the Apache Software Foundation (<http://www.apache.org/>)
 - **sun:** This folder contains licenses of the included software developed by the SUN Microsystems Inc. (<http://www.sun.com/>)

5 Known Issues

- When the rendition option is set for the convert Web method, a valid output format is limited to the DMS integration-supported format.
 - VueLink 20.1 for Oracle UCM supports all the rendition types supported by the AutoVue server.
 - TIFF, PDF and BMP are the only valid formats for VueLink 19.3.2 for Documentum.
 - VueLink 19.3.2 for Documentum only supports TIFF, PDF, and BMP formats.
- The convert Web method for the PDF format is not supported for 3D files.
- Conversion of 3D files to PDF format is not supported.
- When the *cameraViews* option is set to an option other than NONE in the Conversion Web service, there are some limitations for other parameters of convert Web method:
 - Converting to PNG is the only supported return format.
 - You can only set *ScaleType* to TYPE_SIZE.
 - You must set *openAllMarkups* to FALSE.
- When calling the *getPartTree()* method, the returned entity IDs are different if the base file is loaded from the streaming file instead of the native file. This is important to consider if you use the returned entity ID to call the *getPartProperties()* method. For more information, refer to the "Troubleshooting" section of the *Oracle AutoVue Web Services Installation and Configuration Manual*.
- AutoVue Web Services does not support loading files from the client side to the AutoVue server. The upload path for local files should be addressed from the Web Services hosts and not from the machine where the client is running.
- When the openAllMarkups option is set for printing or for the convert Web method, or when using the upload protocol for files on the Web Services hosts, the syntax for the URIs pointing to local files should be as follows:
upload://C:\\<folder>\\<filename.ext>

Note: Backward slashes ("\\") are used in the file path name.

- If AutoVue server is installed on Linux machine, then conversion to PDF is not supported. The client receives an error message if the convert to PDF function is attempted.

- AutoVue Web Services methods do not support password protected files. If a client attempts to print password protected files via Print APIs, a page prints with *Password Protect Files* printed on it.
- If AutoVue Web Services is installed on Linux machine, the Linux machine must run at level 5: X11 which is level 3 + display manager.
- The print options (for example, FORCETOBLACK) provided by AutoVue Web Services printing clients always override those defined in the INI file of AutoVue server.

6 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

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

Oracle AutoVue Web Services Release Notes, Release 20.2.3

Copyright © 2008, 2015 Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

