

Oracle® AutoVue
Toolkit Release Notes
Release 21.0.0

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Contents

Preface	v
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1 AutoVue Web Services

1.1	Introduction	1-1
1.2	System Requirements	1-1
1.3	Features	1-2
1.3.1	Text extraction Web Service	1-2
1.3.2	File level metadata extraction Web Service	1-2
1.3.3	External References (XRefs) Web Service.....	1-2
1.3.4	Part Tree extraction Web Service.....	1-2
1.3.5	Part level metadata extraction Web Service.....	1-2
1.3.6	Print Web Service.....	1-2
1.3.7	PacketPrint Web Service	1-2
1.3.8	Conversion Web Service	1-3
1.3.9	Get Printer Properties Web Service.....	1-3
1.3.10	Get Layer Web Service	1-3
1.4	Included in the Media Pack	1-3
1.4.1	docs folder.....	1-3
1.4.2	Folder Contents.....	1-3
1.4.3	etc	1-3
1.5	Known Issues.....	1-4

2 AutoVue Integration SDK

2.1	Introduction	2-1
2.2	Platforms	2-1
2.3	System Requirements	2-1
2.4	Documentation.....	2-2
2.4.1	Quick Start Document.....	2-2
2.4.2	Overview	2-2
2.4.3	Design Guide.....	2-2
2.4.4	JavaDocs.....	2-2
2.4.5	User Guide.....	2-2
2.4.6	Installation Guide	2-2
2.4.7	Technical Guide	2-2
2.4.8	Security Guide.....	2-2

2.4.9	Acknowledgments.....	2-3
2.5	Included in Media Pack	2-3
2.6	Upgrading.....	2-3
2.7	Known Issues.....	2-3

Preface

The Oracle AutoVue Toolkit includes AutoVue Web Services and AutoVue Integration SDK.

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

Audience

This document is intended for and administrators and integrators of the Oracle AutoVue Web Services and AutoVue Integration SDK.

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>.

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Related Documents

For more information, see the following documents in the Oracle AutoVue documentation library:

- *Oracle AutoVue Release Notes*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

AutoVue Web Services

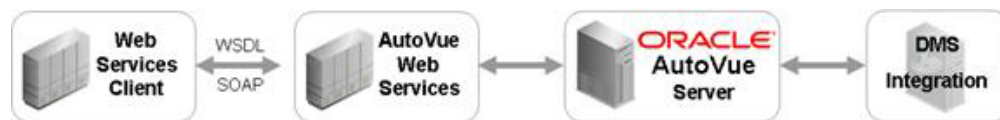
For the most up-to-date version of this document, go to the Oracle AutoVue Documentation Web site on the Oracle Technology Network (OTN)
<http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

1.1 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 1–1 Web Services integration



1.2 System Requirements

- Oracle AutoVue 21.0.0 (and any patches for 21.0.0)
- Server Operating Systems
 - 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), 6.X (x86), and 7.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/WebTop 6.1 SP2
 - VueLink 20.1 for Oracle UCM/WCC 11.1.1.8

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.

1.3 Features

This release of Web Services provides the following features.

1.3.1 Text extraction Web Service

This Web service returns text contained in a given file.

1.3.2 File level metadata extraction Web Service

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

1.3.3 External References (XRefs) Web Service

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

1.3.4 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.

1.3.5 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.

1.3.6 Print Web Service

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

1.3.7 PacketPrint Web Service

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

1.3.8 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.

1.3.9 Get Printer Properties Web Service

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

1.3.10 Get Layer Web Service

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

1.4 Included in the Media Pack

The Media Pack includes the following folders.

1.4.1 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>.

1.4.1.1 JavaDocs folder

Contains JavaDocs for Oracle AutoVue Web services.

1.4.2 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.

1.4.3 etc

This folder contains the following files:

- **version.txt:** Version information
- **fileslist.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/>)

1.5 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 does not support conversion of 3D files or pages.
- 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.

AutoVue Integration SDK

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>.

2.1 Introduction

AutoVue Integration Software Development Kit (ISDK) is designed for Oracle partners and third-party integrators to develop new integrations between AutoVue server and enterprise systems like Document Management System (DMS) or Product Lifecycle Management (PLM). The purpose of the integration is to enable communication between AutoVue and the enterprise systems as well as to integrate AutoVue's capabilities into their environments. The ISDK includes a sample integration of a simplified file system management (filesys). This sample integration is a starting point for a new integration implementation and is a tool to help you become more familiar with the AutoVue Integration SDK.

Figure 2-1 AutoVue ISDK



2.2 Platforms

Operating Systems that are certified in this release:

- 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), 6.X (x86), and 7.X (x86) 64-bit (AutoVue running in 32-bit mode)

2.3 System Requirements

- Oracle AutoVue 21.0.0

- Java JDK 1.6 update 41 (and up) and Java JDK 1.7 update 15 (and up) for Filesys Sample, Skeleton and Web Services Client
- Oracle WebLogic Server 11gR1(10.3.5)
- Any other application server that supports Servlet 2.5 may work but are not certified by Oracle
- JDeveloper 11gR1 (11.1.1x)
- Oracle Enterprise Pack for Eclipse 11gR1 (11.1.1.7.3) for Eclipse 3.6.2 Helios Edition
- Web browsers supported by Oracle AutoVue 21.0.0

2.4 Documentation

All ISDK documentation (with the exception of JavaDocs and the Quick Start document, which are included with the ISDK) can only be found on the AutoVue Documentation Web site on the Oracle Technology Network (OTN)
<http://www.oracle.com/technetwork/documentation/autovue-091442.html>.

2.4.1 Quick Start Document

Describes the workflow of using the AutoVue Integration SDK and outlines the main steps for building an integration using the skeleton provided with ISDK.

2.4.2 Overview

Provides an overview of ISDK components.

2.4.3 Design Guide

Provides a high-level overview of the ISDK.

2.4.4 JavaDocs

Describes Oracle AutoVue ISDK Framework API and Oracle AutoVue Web Services API. JavaDocs are included with the ISDK

2.4.5 User Guide

Describes various features supported by the Sample Integration for Filesys and how to use Real-Time Collaboration (RTC) and OEVF demo.

2.4.6 Installation Guide

Describes step by step procedure to set up a project in JDeveloper and Eclipse IDE and how to run the sample integration.

2.4.7 Technical Guide

Guides integrators when implementing a new integration or upgrading an existing integration.

2.4.8 Security Guide

Provides guidelines on how to secure the ISDK.

2.4.9 Acknowledgments

List of third-party components used in Oracle Corporation software.

2.5 Included in Media Pack

ISDK installers for running on Linux and Windows platforms.

Refer to the *Overview* for a description about ISDK components after running the installer.

2.6 Upgrading

Refer to the *Technical Guide* for information on upgrading your integration to work with Oracle AutoVue 21.0.0.

2.7 Known Issues

- Files checked into Filesys repository at the root level will not load in the AutoVue client.
- In the sample Filesys project, if saving a new workflow markup, the value of Markup Type on Markup Save dialog does not take effect.
- To initiate or join a meeting in RTC demo, user must enter login information in an Authentication dialog.

