

Oracle® AutoVue Integration SDK

Release Notes

Release 21.0.2

F10661-01

October 2018

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

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 1 AutoVue ISDK



2 Platforms

Operating Systems that are certified in this release:

- Windows Server 2016 64-bit (AutoVue running in 32-bit mode)
- Windows Server 2012 R2 64-bit (AutoVue running in 32-bit mode)
- Windows 2008 R2 64-bit (AutoVue running in 32-bit mode)
- Redhat Enterprise Linux 6.X (x86_64), and 7.X (x86_64) 64-bit (AutoVue running in 32-bit mode)
- Oracle Linux 6.X (x86_64), and 7.X (x86_64) 64-bit (AutoVue running in 32-bit mode)

3 System Requirements

- Oracle AutoVue 21.0.2

- Latest secure version of Java (tested on Java 8u172 and up) for Filesys Sample, and ISDK Skeleton
- Oracle WebLogic Server 12cR2
- Any other application server that supports Servlet 2.5 and up may work but are not certified by Oracle
- Oracle Enterprise Pack for Eclipse (4.8.0)
- Web browsers supported by Oracle AutoVue 21.0.2

4 Documentation

All ISDK documentation (with the exception of JavaDocs which is included with the ISDK) can only be found on the AutoVue Documentation Web site on the Oracle Technology Network (OTN)

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

4.1 Overview and Installation Guide

This document provides an overview of ISDK components, high-level overview of the ISDK, and a step by step procedure to set up a project in Eclipse IDE and how to run the sample integration.

4.2 JavaDocs

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

4.3 Technical Guide

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

4.4 Security Guide

Provides guidelines on how to secure the ISDK.

4.5 Acknowledgments

List the third-party components used in Oracle AutoVue line of products.

5 Included in Media Pack

This media pack includes ISDK installers for running on Linux and Windows platforms.

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

6 Upgrading

Refer to the *Technical Guide* for information on upgrading your integration to work with Oracle AutoVue 21.0.2.

7 General Enhancements

- Enhanced Vuelink cryptography algorithms to use the latest security standards. New configuration parameters have been added on both the AutoVue Server and Vuelink to specify the cryptography algorithms to use. These algorithms have to match in order for the integration to work properly.

On the Server side: Define the following two parameters in the `javueserver.properties` configuration file:

- `javueserver.encryption.algorithm`
- `javueserver.encryption.keyagreement.algorithm`

On the Vuelink side: Define the following two initialization parameters in the Vuelink servlet descriptor in the web configuration file (`web.xml`):

- `DecryptionAlgorithm`
- `KeyAgreementAlgorithm`

Note: All the options are described in the ISDK Security Guide.

All the parameters are required by an integration solution because AutoVue does not define default values for them. So, the integration solution will not work if they are not provided. AutoVue installer adds them currently to `javueserver.properties` and the Vuelink web configuration file. It uses the following values for them:

- Encryption / Decryption Algorithm: AES
- Key Agreement algorithm: EC

Note: AutoVue 21.0.2 is backward compatible with the previous versions of Vuelinks.

- If you update AutoVue and run it with an old version of Vuelink, then ensure to remove these parameters from the `javueserver.properties` configuration file to force AutoVue using the old encryption support.
 - The encryption algorithms used to pass authentication information between the AutoVue server and document repositories have been made configurable. Both the AutoVue server and ISDK framework were modified to enable this enhancement. The goal of this enhancement is to allow more modern algorithms to be used without requiring code changes. Note that the cryptographic algorithms configured for AutoVue and the VueLink must match. Otherwise, it will not be possible to pass authentication information.
 - In addition, you have to verify which encryption algorithms are supported by the Java version used by your servers to select them accordingly. It is highly recommended to use the same versions of Java on both AutoVue and Vuelink sides to ensure having the same encryption support on both sides. Using for example EC/AES on Java 8 update 144 will not match itself on Java 8 update 172 because Oracle introduced a change on the cryptosystem strength when it released Java 8 update 151.
 - Refer to Vuelink Encryption section in the *Oracle AutoVue Security Guide* for more information about Vuelink encryption support.
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- Updated Vuelinks with log4j version 2.

8 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.
- Both AutoVue server and Vuelink must run on a recent version of Java ie Java 8u161 and up. Oracle recommends to always use the latest version of Java on your system.

9 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

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