Oracle AutoVue Desktop Deployment
Release 20.2.1
Migration Guide

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Contents

Preface

The *AutoVue Desktop Deployment Migration Guide* provides an overview of the migration process from AutoVue Desktop Version 20.0 to AutoVue Desktop Deployment 20.2.1.
For the most up-to-date version of this document, go to the AutoVue Documentation Web site on the Oracle Technology Network at http://www.oracle.com/technetwork/documentation/autovue-091442.html.

Audience

This document is intended for IT professionals or AutoVue users who want to migrate their existing AutoVue Desktop Version 20.0 installation to AutoVue Desktop Deployment 20.2.1.

Related Documents

For more information, see the following documents:

- *Installation and Configuration Manual, Oracle AutoVue 20.2.1, Desktop Deployment*
- *Installation and Administration Manual, Oracle AutoVue 20.0, Desktop Version*

<u>Introduction</u>

AutoVue Desktop Deployment is Oracle's enterprise visualization solution for personal productivity. First released with AutoVue 20.0, it includes the latest advances in terms of architecture, new features, and format support. The availability of AutoVue Desktop Deployment has prompted Oracle to put AutoVue Desktop Version, which is based on older technology, on maintenance release mode. This means that going forward, AutoVue Desktop Version will continue to get format updates and bug fixes, but will not include new features.

Features in AutoVue Desktop Deployment which are not in AutoVue Desktop Version today include:

- Major printing improvements including faster printing of PDF documents, and better fidelity when printing Excel spreadsheets.

- Improved document reviews with easy alignment and scaling of 2D drawings while in compare mode.

- Effective global collaboration with improved support for Unicode character sets like Asian characters.

- More stable and reliable integration of AutoVue with existing IT infrastructure with the new AutoVue Desktop Deployment ActiveX solution.

Customers who are currently using AutoVue Desktop Version are strongly recommended to consider migrating to AutoVue Desktop Deployment in order to take advantage of these advances today and future innovations going forward.

How This Guide Works

This guide covers what should be considered when migrating from an existing AutoVue Desktop Version 20.0 installation to a new AutoVue Desktop Deployment 20.2.1 installation, and provides instructions on how to do so.

This document is split into several sections:

Migration Overview – This section gives a high level overview of the steps involved in migrating to AutoVue Desktop Deployment.

Migrating DV Settings – This section explains how to migrate any settings and preferences from your existing Desktop Version installation to your new AutoVue Desktop Deployment installation.

Migration of AutoVue Startup Options – This section shows how you can migrate command line options and file type associations from AutoVue Desktop Version to AutoVue Desktop Deployment.

Migration of AutoVue Customizations – This section is intended for systems administrators who want to customize AutoVue's user interface or AutoVue's behavior through scripts.

Terminology

Throughout this document we will be talking about two versions of AutoVue, which will be denoted by the following abbreviations.

AutoVue Desktop Version = AutoVue DV

AutoVue Desktop Deployment = AutoVue DD

Migration Overview

Before you decide whether to migrate to AutoVue DD, it is recommended you think about which AutoVue features you use regularly. This will help you in two ways. First, this will help you during the migration process by understanding whether certain sections of this document will apply to you. Second, this will help you decide whether AutoVue DD meets all your needs. See *Appendix A - AutoVue DD Limitations* for more information.

Migration from AutoVue DV 20.0 to AutoVue DD 20.2.1 occurs in three steps:

1. **Installation of AutoVue DD 20.2.1**
   Before uninstalling AutoVue DV 20.0, it is recommended that AutoVue DD 20.2.1 is installed. This allows you to:
   - Have access to some of the files and settings in the AutoVue DV installation which need to be migrated to the new installation.
   - Open AutoVue DV and AutoVue DD at the same time to compare settings in the configuration dialogs, and to compare the user interfaces.

2. **Migration of Existing AutoVue DV Settings to AutoVue DD**
   This step is the focus of the next section of this document. It involves copying files from the AutoVue DV installation to the new AutoVue DD installation, making some changes to configuration files through a text editor, and making some changes through the configuration dialogs in AutoVue's user interface.

3. **Uninstallation of AutoVue DV 20.0**
   Once the migration of settings is complete, AutoVue DV 20.0 can be uninstalled. Before uninstalling, it is recommended that you test AutoVue DD to ensure you have migrated your settings properly.

Migrating DV Settings

Migrating INI Options

avwin.ini

AutoVue DV stores many of its settings in a file named avwin.ini. Most of the settings you will be migrating from AutoVue DV to DD will be found in this file. By default this is found in the directory C:\Windows. Please note that you can change the name and location of your avwin.ini by specifying a command line option when you start AutoVue DV. For example:

```
autovue.exe –c inifilename
```

Throughout this document we will refer to avwin.ini. If you start AutoVue DV with a different ini file name, please use that file name in place of C:\Windows\avwin.ini.

Where INI Options Go

As described above, many of the settings you will migrate from AutoVue DV are in the file avwin.ini. In most cases these settings will get migrated to the following files in AutoVue DD:

- *<AutoVueDDInstallDir>*\bin\autovue.properties
- *<AutoVueDDInstallDir>*\bin\default.ini
- *<AutoVueDDInstallDir>*\bin\allusers.ini

The sections below explain which of these files should hold each particular option.

default.ini vs. allusers.ini

In this document, whenever it says that an option should be migrated to default.ini, you have the choice of migrating it to default.ini or allusers.ini. Whether the option should go in default.ini or allusers.ini will depend on which behavior you are trying to achieve.

Options in default.ini are set the first time AutoVue is loaded. Users are free to change these options through AutoVue's Configuration dialog. Users' changes will be stored, and will appear the next time AutoVue is loaded.

Options in allusers.ini are set every time AutoVue is loaded. Users are free to change these options through AutoVue's Configuration dialog for the current session. However, upon exiting AutoVue and starting it again, the options in allusers.ini will overwrite any changes the user made to their configuration.

In general:

- use default.ini if the options are meant as a starting configuration for the user.
- use allusers.ini if the options are meant to be standard settings for all users.

Creating a default.ini or allusers.ini

A default.ini or allusers.ini file is created in a few steps. We will use default.ini in the steps below, but allusers.ini can be created in the same way. Note that when creating both a default.ini and allusers.ini, the default.ini should be created first:

1. Copy any ini options to default.ini.
2. Launch AutoVue and make any other desired changes to the configuration.
3. Close AutoVue completely, including from the system tray.
4. Copy the file *<AutoVueDDInstallDir>*\bin\Profiles\<username>.ini to *<AutoVueDDInstallDir>*\bin\default.ini where <username> is the current user name.
5. Edit default.ini and remove the entire section [RECENT FILE LIST] (the header and all its options).
6. Remove any existing user profiles from AutoVue DD (all files of the form <AutoVueDDInstallDir>\bin\Profiles\<username>.ini)

Check for Conflicting Options

When migrating options to default.ini, it is important to check that the same options are not being set in allusers.ini with a different value. If an option appears in both allusers.ini and default.ini, the setting in allusers.ini is used, while the value in default.ini is ignored.

Check for Paths to the DV Directory

After migrating your settings, it is important to search autovue.properties, default.ini, and allusers.ini for *<AutoVueDVInstallDir>*. Any instances of this path in any of these files should be updated to point to a valid path. It is not recommended that AutoVue 20.2.1 configuration options point to the installation directories of older versions of AutoVue.

Format Specific INI Options

The options under the following sections of avwin.ini should be copied over to the corresponding sections of default.ini. The table below indicates which options to copy, which section of avwin.ini the options can be found under, and where they should be copied to in default.ini.

Section in avwin.ini	Options to copy	Section in default.ini
[Options]	all options	[Options]
[ECAD]	all options	[ECAD]
[Gerber Format]	all options	[Gerber Format]
[AVPrintOptions]	THICKNESSSCALE	[PRINTOPTIONS]

Format Specific Fonts and Maps

Fonts That Ship With AutoVue

It is not recommended that any fonts that ship with AutoVue DV are migrated to AutoVue DD. For the most part, these fonts should be identical. However, occasionally improvements are made to these fonts. To ensure that you have the latest version of these fonts, you should use the ones bundled with AutoVue DD 20.2.1. Examples of these files:

> *<AutoVueDVInstallDir>*\avwin\fonts*.uff
> *<AutoVueDVInstallDir>*\avwin\fonts*.ucf

External Fonts

Some fonts are not found in the AutoVue installation folder. In that case, AutoVue finds these fonts by searching the list of directories specified by the XFONTPATHS option. If the option XFONTPATHS is set in avwin.ini under the [Options] section, it should be migrated to *<AutoVueDDInstallDir>*\bin\default.ini using the new option name USERXFONTPATHS. Use the following instructions:

1. Open the file avwin.ini
2. Find the [Options] section
3. Copy the option XFONTPATHS
4. Open the file *<AutoVueInstallDir>*\bin\default.ini

5. Find the [Options] section
6. Remove any existing XFONTPATHS option.
7. Paste the XFONTPATHS option in that section.
8. Rename the XFONTPATHS option to USERXFONTPATHS.

Format Specific Files

The files listed in the table below can be used to change the behavior of certain formats in AutoVue. You are recommended to copy these files from your AutoVue DV 20.0 installation to your AutoVue DD 20.2.1 installation if you have made any changes to these files. If you are unsure if any changes have been made, it is recommended you copy the files over just in case. The table below shows the list of files to be copied and which formats they are associated with. It is acceptable to copy only those files which have been modified.

Instructions

For each file in the table below, copy the file from <AutoVueDVInstallDir>\avwin to <AutoVueDDInstallDir>\bin. Note that some fonts are found in a subdirectory. These are indicated by a prefix 'fonts\' on the file name.

File	Format
fonts\cat4-fontmap.xml	Catia
fonts\docfont.map	Word Processing Docs such as Word
fonts\proefont.map	ProE
resourcemaps\pdffont.map	PDF
acadfont.map	AutoCAD
bdst_schfont.map	BoardStation
bdstcolor.map	BoardStation
bdstlayers.txt	BoardStation
default.too	Gerber
ExpConfig.ini	Expedition

FontMap.txt	*all formats using TrueType
hpglcol.tbl	HPGL
hpglfont.map	HPGL
iffcolor.map	IFF
me10col.tbl	ME10
mefont.map	ME10
PadsColor.map	PADS
Pcadcolor.map	PCAD
prtfont.map	CadKey
ptllayermap.txt	Protel
SpecctraColor.map	Specctra

Do Not Migrate

All the files contained in *<AutoVueDVInstallDir>*\avwin\STEPConfig are obsolete and should not be migrated to DD 20.2.1.

XREFs

If the option XREFPATHS is set in avwin.ini under the [Options] section, it should be migrated to *<AutoVueDDInstallDir>*\bin\default.ini using the new option name USERXREFPATHS. Use the following instructions:

1. Open the file avwin.ini
2. Find the [Options] section
3. Copy the option XREFPATHS
4. Open the file *<AutoVueInstallDir>*\bin\default.ini
5. Find the [Options] section
6. Remove any existing XREFPATHS option.
7. Paste the XREFPATHS option in that section.
8. Rename the XREFPATHS option to USERXREFPATHS.

Loading options for 3D Models

The loading options for 3D models are as follows:

- **Mesh vs BREP** – Some 3D Models contain both Mesh and BREP data. AutoVue DV loads 3D files in Mesh mode by default (LOADFACETEDDATA=1). Additionally, when you try to measure the 3D model or analyze mass properties, AutoVue Desktop Version prompts you to load BREP data (if available). You can choose to switch to BREP mode for accurate measurements. The advantage of loading in Mesh mode is better performance for models that contain both Mesh and BREP data.

  AutoVue Desktop Deployment, by default, loads models in BREP mode. If you want the AutoVue DD models in Mesh mode by default, you must set the INI option LOADFACETEDDATA to 1. Note that AutoVue DD does not prompt you to switch to BREP data. If accuracy of measurements is a requirement, we recommend that models be loaded in BREP mode.

Parameter	Description
LOADFACETEDDATA	Instructs AutoVue to load Mesh data if present in the 3D model (faster loading). If set to 1, the Mesh data loads. If set to 0, the BREP data is read and rendered instead of the Mesh data (more accurate measurement).

  AutoVue DV allows you to switch between Mesh and BREP from the configuration dialog. In AutoVue DD, this option is not available in the configuration dialog. The INI option has to be set manually in the INI option file of AutoVue DD, if you want to switch values for Mesh and BREP.

- **3D Conversion Options** – If you are using EXPORTTESSELLATIONTOL INI option in AutoVue DV, note that this INI option moves to a different section in AutoVue DD. In AutoVue DD, this option must be set in the section – Output Options. In AutoVue DV, these options are available in the section – Export Options.

  Note: It is recommended that you do not manually migrate the remaining conversion options. Instead, set the required conversion options from the AutoVue DD user interface.

- **Mass Properties Options** – It is recommended that you do not migrate any of the mass properties options from AutoVue DV to AutoVue DD. Instead, set the required options from the AutoVue DD User Interface.

- **3D PMI Options** – It is recommended that you do not migrate any of the 3D PMI options from AutoVue DV to AutoVue DD. Instead, set the required options from the AutoVue DD User Interface.

Markups

Any markups that were stored in AutoVue DV will continue to work with AutoVue DD. Please take note of the following changes in behavior and required configuration changes.

Hyperlink Markup

To open a hyperlink markup created in AutoVue DV in AutoVue DD, you must right-click the markup entity, select **Format > Edit Hyperlink** , and then add *upload://* protocol to the beginning of the URL. If you do not add the *upload://* protocol , an error appears when firing the hyperlink.

Slight Changes in Text

There may be some slight differences in text size when markups that were created in AutoVue DV are displayed in AutoVue DD. This could lead to differences in text wrapping.

Centralized Markup Directory

AutoVue DV allows you to store your markups in one central folder, or in avred folders alongside each design. If AutoVue DV was configured to store all the markups in one folder, you will have to migrate these settings to AutoVue DD. Use the following steps:

1. Open avwin.ini and find the option REDAUTOPATH under the [Markup Options] section. If you don't have this option or if this option is set to 1, you are done. If this option is set to 0, continue to step 2.
2. Determine your AutoVue DV markup path (*<DVMarkupDir>*)
    a. In avwin.ini find the option USERREDLINEPATH. If you have this option, use its value as *<DVMarkupDir>* and skip to step 3. Otherwise continue to step 2b.
    b. Find the option REDLINEPATH. Use its value as *<DVMarkupDir>* in step 3.
3. Open autovue.properties and add the line:

   `autovue.markups.local.directory=<DVMarkupDir>`

   Where *<DVMarkupDir>* is the directory where your markups are stored.

Please note: if REDLINEPATH or USERREDLINEPATH points to the AutoVue DV installation directory, this should be changed to point somewhere else. It is not recommended to have AutoVue DD store its markups in the old AutoVue DV installation directory.

Measurement Symbols

In markup mode, you can add symbols to measurements by editing a measurement that already exists and choosing a symbol from a pre-defined list of symbols. If you are using symbols on measurements, it is recommended that you do not migrate these options from AutoVue DV to AutoVue DD. Instead, in

AutoVue DD, select the required symbol by editing the measurement. The option names, values and headers are different between AutoVue DV and AutoVue DD.

The list of symbols is specified by INI option SYMBOLLIST.

Symbols

In order to migrate your symbol libraries to AutoVue DD, follow the steps below:

1. Determine your AutoVue DV symbol library path (*<DVSymbolDir>*).
   a. Open avwin.ini and find the [Markup Options] section.
   b. Look for the USERSYMBOLPATH option. If this is present, use the value of this option in step 3 for *<DVSymbolDir>* and skip to step 2. If not present continue to step 1c.
   c. Look for the SYMBOLPATH option. If this is present, use the value of this option in step 3 for *<DVSymbolDir>* and go to step 2. If not present skip to step 3.
2. If a symbol path was found in your avwin.ini do the following:
   a. Edit *<AutoVueDDInstallDir>*\bin\autovue.properties and add the line

      ```
      autovue.markups.symbols.directory=<DVSymbolDir>
      ```

       where *<DVSymbolDir>* is the symbol path you found in step 1. Please note, that if *<DVSymbolDir>* is a directory underneath your AutoVue DV installation directory, these symbols should be moved somewhere else, and the new location should be set in autovue.markups.symbols.directory. It is not recommended to have AutoVue DD use symbols directly from your AutoVue DV installation.
   b. You are done. Do not continue to step 3.
3. If your avwin.ini did not contain a symbol path do the following:
   a. Delete *<AutoVueDDInstallDir>*\bin\Symbols
   b. Copy the contents of *<AutoVueDVInstallDir>*\avwin\Symbols to *<AutoVueDDInstallDir>*\bin\Symbols

Pen Settings

Print Pen Settings

In AutoVue DV pen settings are stored in c2t files. These files have the extension .c2t and can be found in the folder *<AutoVueDVInstallDir>*\avwin. You will have one c2t file for every pen set. These settings should be migrated to default.ini.

In AutoVue DV, the c2t pen-setting file is in following format (note that there are multiple lines):

```
[Plotter/Device/WidthTable]
Color0= 0.030000000
Color1= 0.030000000
Color2= 0.030000000
Color3= 0.030000000
Color4= 0.030000000
```

```
Color5= 0.030000000
Color6= 0.030000000
…
Color253= 0.030000000
Color254= 0.030000000
Color255= 0.030000000
```

In AutoVue DD, these settings are stored under the section [PRINTPENSETTINGS], and have following format:

```
PEN2=mypens1,0= 0.030000000, 1= 0.030000000, 2= 0.030000000,  ….
253= 0.030000000, 254= 0.030000000, 255= 0.030000000
```

Note, that all the pens for this pen set should be on a single line.

Instructions to Import DV c2t Pen Settings File:

1. Copy the contents of the c2t file and paste it in default.ini under the [PRINTPENSETTINGS] heading.
2. Remove the top line `[Plotter/Device/WidthTable]`.
3. Group replace "`Color`" with "" (nothing).
4. Bring everything onto a single line and separate each pen with a comma.
5. At the start of the line, type $PENX=<NEWPENNAME>$, where
   > X is 0 for the first pen set, 1 for the second, etc. These numbers will determine the order in which the pen sets are displayed in the list of available pen settings.
   > *<NEWPENNAME>* is the name you want to appear in the list of available pen settings. Often this will be the same name as the c2t file you migrated.

   Example: mypens.c2t would be migrated to `PEN0=mypens`
6. After your pen definitions, add the line `SELECTEDPEN=PEN0`. This will select use PEN0 by default when you first go to the pen settings dialog. Without this, the values for PEN0 will not be re-read by AutoVue until the pen is manually selected in the pen settings dialog.

Conversion Print Settings

Migrating conversion pen settings is similar to migrating print pen settings, but there are a few differences. Conversion pen settings are stored in *<AutoVueDVInstallDir>*\avwin with the extension .cpt.

Instructions to Import DV cpt Pen Settings File:

1. Copy the contents of the cpt file and paste it in default.ini under the `[CONVERTPENSETTINGS]` heading.
2. Remove the top line `[Conversion/WidthTable]`.
3. Group replace "`Color`" with "" (nothing).

4. Bring everything onto a single line and separate each pen with a comma.
5. At the start of the line, type `PENX=<NEWPENNAME>`, where
    > *X* is 0 for the first pen set, 1 for the second, etc. These numbers will determine the order in which the pen sets are displayed in the list of available pen settings.
    > *<NEWPENNAME>* is the name you want to appear in the list of available pen settings. Often this will be the same name as the cpt file you migrated.

    Example: mypens.cpt would be migrated to `PEN0=mypens`
7. After your pen definitions, add the line `SELECTEDPEN=PEN0`. This will select use PEN0 by default when you first go to the pen settings dialog. Without this, the values for PEN0 will not be re-read by AutoVue until the pen is manually selected in the pen settings dialog.

Streaming Files

This section shows how to migrate streaming file settings from AutoVue DV to AutoVue DD. Please note that streaming files themselves cannot be migrated from AutoVue DV to AutoVue DD.

In AutoVue DV the streaming file options are found in avwin.ini under the [Markups] section.

In AutoVue DD the streaming file options should be added to the default.ini file under the [Options] section.

The following table shows which options control streaming file settings in AutoVue DV and the equivalent options in AutoVue DD. See the Installation and Administration Guide for more information about these settings.

Option in DV	Option in DD	Used For
Enabled	autovue.metacache.enable	Enabling streaming files
Folder	autovue.cache.directory	Location of streaming files
ControlSize	autovue.cache.size	Limit size of streaming file folder
WriteEnabledPDF	autovue.metacache.pdf.enable	Generate streaming files for PDF
writeEnabled	*no equivalent	Allow reading of existing streaming files but will not write new ones.

Other Settings

For all other settings which can be set through a configuration dialog, and are not mentioned specifically in this document (e.g., 3D settings, printing & watermarks settings, measurement settings, etc.), it is recommended that these changes be made through the appropriate configuration dialog in AutoVue DD.

Once these changes have been made, the settings from the *<username>*.ini file can be copied to a default.ini or allusers.ini. See the INI Options section for more details.

Migration of AutoVue Startup Options

This section describes how to migrate any options used when launching AutoVue such as command line arguments, and associating AutoVue with particular file types.

Command Line Arguments

Supported in AutoVue DD
The following command line arguments are supported in AutoVue DD:

Specifying a File to Open

This works the same in AutoVue DV and AutoVue DD.

Example:

> `autovue.exe` *filename1 filename2 …*

Specifying Alternate AutoVue Settings File

In AutoVue DV this works by using `-c` or `/c` followed by the inifilename.

Example:

> `avwin.exe -c "c:\users\steve\autovue\avwin.ini"`

In AutoVue DD this is done by using `-config` followed by the full path to the autovue.properties file.

Example:

> `autovue.exe -config "C:\users\steve\autovue\autovue.properties"`

Not Supported in AutoVue DD
The following AutoVue DV command line arguments are not supported in AutoVue DD:

-f or **/f**

-hide or **/hide**
-lastfile or **/lastfile**
-maximizes or **/maximizes**
-minimizes or **/minimizes**
-p or **/p**
-restore or **/restore**
-s or **/s**
-search or **/search**

File Type Associations

It is often useful to associate AutoVue with certain file types, so that when a file of this type is double clicked, it is automatically opened in AutoVue.

There are three ways to do this with AutoVue DD:

1. **On the fly – file type is not associated with an application**

When you double click on a file that has not already been associated with another application, you will be prompted to associate this file type with an application. You can select AutoVue as this application and check the box "Always use the selected program to open this type of file". From then on, AutoVue will be used to open that type of file.

2. **On the fly – file type is already associated with an application**

If a file type is already associated with an application, you can right click on the file and select Open With and then select Choose Program. From here you can select AutoVue and check the box "Always use the selected program to open this type of file".

3. **Programmatically**

For some installations, it may be useful to specify all the file type associations at once. This could be useful where there is a long list of file types to be associated with AutoVue and all users at a company should have the same associations.

You can create a batch file to do this. Example:

```
@assoc .dwg=AVFile
```

```
@assoc .dgn=AVFile
@assoc .pdf=AVFile
@ftype AVFile="%~dp0autovue.exe" "%%1"
```

Write a line like

```
@assoc .ext=AVFile
```
for each file extension you want to associate with AutoVue, where *.ext* is the file extension.

Finally end the batch file with a line containing

```
@ftype AVFile="%~dp0autovue.exe" "%%1"
```

This batch file should be run from the *<AutoVueDDInstallDir>*\bin folder. This batch file only needs to be run once. After that the file types will be associated with AutoVue.

Migration of AutoVue Customizations

This section describes how to migrate over any AutoVue customizations from AutoVue DV to AutoVue DD. Such customizations include modifications to the user interface, translating the AutoVue user interface to a different language, and launching scripts from the Tools menu. Note: This section is intended for systems administrators. These customizations should not be made by a typical AutoVue user.

GUI Modifications

These are two ways the AutoVue GUI can be customized in AutoVue DV:

1. **Changed Through AutoVue User Interface**
- Show/Hide, change position of individual toolbar button
- Change position of individual toolbar
- Show/Hide all toolbars
- Show/Hide status bar

2. **Changed Through AutoVue avwin.ini Configuration**
- Show/Hide all trees (bookmark, model tree, views, navigation panel, markups) –
  Saved under [Options] SHOWTREE=[0|1]
- Show/Hide setting for individual toolbar (main, markup, etc.) –
  Settings saved under [Toolbars]
- Individual items disabled under the [Disable] section

For changes made through the avwin.ini configuration you can look at your avwin.ini file to see if some of these settings have been changed from their default values (see the table below). To mimic the same behavior in DD, you should set a GUIFILE which has the appropriate features removed. Please see the GUIFILE option in the Administrator's Guide for more information.

GUI Option in DV	Default Value
[Options] SHOWTREE	1
[Disable] *all options	0

[Toolbars] Button Size	0
[Toolbars] *all other options	1

For all other GUI changes, it is recommended that you go through AutoVue DD's user interface and determine whether there are any options that should be removed, disabled, or moved to another menu. These changes should then be implemented by setting a GUIFILE which has been modified with the desired changes. Please see the GUIFILE option in the Administrator's Guide for more information.

Tools Menu

AutoVue DD does not come with a Tools menu. You can customize AutoVue DD so that batch files can be triggered from a menu item. Note that the steps in this section require the installation of a Java SDK, and familiarity with coding in Java. It also requires some sample files from the *<AutoVueDDInstallDir>*\examples\CustomActionTools directory. By default these samples are not installed with AutoVue. When installing AutoVue, you will have to select Custom Installation, and check the appropriate box to install the samples.

Follow the steps below:

1. Copy your batch files to *<AutoVueDDInstallDir>*\bin

2. Open *<AutoVueDDInstallDir>*\examples\CustomActionTools\CustomActionTools.java in a text editor or Java IDE.

3. Find and edit the following lines:

```
private static final String resources[] = {"TOOL1", "TOOL2"};
private static final String[] flags = { "tool1", "tool2"};
private static final String batchfiles[] = {"batch1.bat",
                                            "batch2.bat"};
```

resources is a list of strings that will show up in the menu. The first string corresponds to the first batch file, etc.
flags is a list of strings that can be used to specify a particular batch file in the GUI. Each batch file needs a unique string here.
batchfiles is a list of strings representing the filenames for each batch file.
The number of resources, flags, and batchfiles should match. I.e., each batch file should have a *resource* string, a *flag* string, and a *batchfile* string.

4. Compile the java code.

      a. Open a command prompt and go to
          <AutoVueDDInstallDir>\examples\CustomActionTools
      b. Run the following command

```
<JavaJDKInstallDir>\bin\javac CustomActionTools.java –cp jvue.jar
```

5. Copy the file CustomActionTools.class to *<AutoVueDDInstallDir>*\bin

6. Make a copy of *<AutoVueDDInstallDir>*\bin\default.gui called tools.gui.

7. Edit tools.gui to add the new **CustomActionTools** action to an existing or new menu. The new menu item should look like:

```
MENUITEM CustomActionTools, , PERM_READ
```

8. Copy tools.gui to *<AutoVueDDInstallDir>*\bin\Profiles

9. If you are referencing resources that don't exist already, you will have to update the file CustomResources_en.properties with these new resources. For example, to add a menu called Tools, you will have to add a resource which resolves to the string "Tools". Copy the file *<AutoVueDDInstallDir>*\examples\CustomActionTools\CustomResources_en.properties to *<AutoVueDDInstallDir>*\bin.

10. If you have set a locale other than English using the `LOCALE` parameter, you will have to rename the CustomResources_en.properties file. In the *<AutoVueDDInstallDir>*\bin directory, rename the file CustomResources_en.properties to CustomResources_*xx*.properties, where *xx* is the two letter language code.

11. Edit the file *<AutoVueDDInstallDir>*\bin\CustomResources_*xx*.properties (where *xx* is the two letter language code) to add the required resources and the strings that should be displayed for these resources.

12. Open *<AutoVueDDInstallDir>*\bin\autovue.properties in a text editor and find the line starting with `autovue.cmdline`. Add the following to this line:

```
–param GUIFILE=tools.gui –param EXTRABUNDLES=/CustomResources
```

Appendix A - AutoVue DD Limitations

The following is a list of features which are supported by AutoVue DV and are not in AutoVue DD. Before migrating to AutoVue DD, it is recommended that you go through this list and take note of any features which you may use today. This should be taken into consideration when deciding whether migrating to AutoVue DD is right for you.

Batch Convert

AutoVue DD does not support the batch convert feature.

Clipboard

- AutoVue DD does not allow you to select and copy text.
- In AutoVue DV you can configure whether items you copy to the clipboard are copied as text, a bitmap, or a DIB. This feature is not supported in AutoVue DD.

E-mail

AutoVue DD does not support the Mail Utility.

Export Conversion Pen Settings

AutoVue DV allows the user to export conversion pen settings to an .x2t file. AutoVue DD does not support this feature.

File Navigation

- AutoVue DV allows you to close a file without closing the AutoVue window. AutoVue DD does not allow you to do this.
- AutoVue DD does not offer buttons to open the next or previous file.
- AutoVue DV is an MDI application and allows you to open several documents in the same window. AutoVue DD does not do this. AutoVue DD allows you to open several documents at the same time, using a single instance of AutoVue DD, but each document is opened in its own window. MDI features such as tile and cascade are not supported.

Locale

AutoVue DD does not allow you to change the locale from the user interface.

Markups

- AutoVue DD does not allow Hyperlink markups to link to an application.
- AutoVue DD does not allow Hyperlink markups to link to a DDE, DLL, or script.
- AutoVue DD does not support the Hyperlink Attachment Set icon.
- Hyperlink markups created in DV that point to local files will not work in DD without first adding upload:// to the start of the hyperlink.

Measurement Calibration

Measurement calibration is format specific in AutoVue DV. In AutoVue DD measurement calibration is the same for all formats.

Pen Settings in c2t Files

AutoVue DV stores pen settings in separate files with the extension .c2t. AutoVue DD stores all pen settings together in autovue.properties.

Scrollbars in Excel and Archives

The ini option SSHIDESCROLLBARS, used to hide the display of scrollbars in Excel and archive formats, is not supported in AutoVue DD.

Streaming Files

- AutoVue DD does not allow you to configure streaming files from the user interface. Some configuration can be done by modifying autovue.properties.
- In AutoVue DV you can configure AutoVue to read streaming files but not generate any, by setting the writeEnabled option to 0. There is no equivalent option in AutoVue DD.

Symbols

- AutoVue DD does not allow you to add or delete symbols from an existing symbol library.
- AutoVue DD does not allow you to configure the symbol library path through the Configuration dialog. You can configure this manually through a property in autovue.properties.

Thumbnails

There is no support for thumbnails in AutoVue DD.

Tools

AutoVue DD does not have a Tools menu like the one that is found in AutoVue DV. Some of the capabilities of AutoVue DV's Tools menu can be recreated through customization of AutoVue DD. See the *Tools Menu* subsection of the *Migrating DV Settings* section for details.

Auto Text Extraction and CAD/Doc Text Extraction are not supported in AutoVue DD.

Unsupported Command Line Arguments

AutoVue DV has some command line arguments which are not supported in AutoVue DD. See the Command Line Arguments section for a complete list of options that are supported and that are not.

Windows Manipulation

AutoVue DV has command line arguments which can be used to manipulate windows. It also has scripting commands for window manipulation. These are not available in AutoVue DD.

XREFs

In AutoVue DV, when you set the XREFPATHS ini option, you can add paths that end in * or ** to indicate that AutoVue should look for XREFs 1 level down or all levels down from that path. In AutoVue DD you can use * or ** when manually configuring the XREFPATHS option through an INI file, but not when you set the XREF search paths through the Configuration dialog.

3D

The following options are not supported in AutoVue DD:

-   Precise Hidden Line in the 3D Rendering Configuration
-   Load Mesh and Mesh Resolution options are not available through the Configuration dialog. They can be changed through INI options.
-   Exporting section edges
-   Mesh Resolution option under the Manipulate -> Visual Effects menu
-   Selecting 3D elements, then copying and pasting them as a stamp markup.

- Whenever a file is loaded in Mesh mode and the Measurement dialog is opened, the user is prompted to load the BREP data.

Feedback

We appreciate your feedback, comments or suggestions. Contact us by e-mail or telephone. Let us know what you think.

For any questions regarding AutoVue, please contact Oracle Customer Support or post your question to the My Oracle Support AutoVue Community Web site.

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