Cadence Switch Release

Purpose

Use Cadence Switch Release to switch between installed releases of the Cadence tools. All previous Cadence Releases are supported. (For example, if you still have Release 16.5 installed and running and you have just installed Release 16.6, you can switch back to run Release 16.5 if you need to work on legacy designs.)

The Cadence Switch Release utility does the following:

- Set the CDSROOT variable to the root directory for the release you want to switch to.

- Change path order if necessary. The log file C:\temp\Cadence Switch Release\log.txt is generated.

- Add, update, delete file association setup.

- Import registry file (.reg) or a file association configuration file.

Cadence Switch Release automatically searches your system and displays the installed releases. If you have deleted the installation registry after completing the installations, you need to add those manually also.

Procedure To Switch Releases
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1. From the Start menu, choose Programs --> Cadence SPB Switch Release.
   The Cadence Switch Release dialog box appears.

2. From the list in the Select Release frame, select the release you want to switch to.
   Any changes to environment variables that result from the switch to a different release appear in the Environment Setting list.

3. Click OK to switch to the release you selected.

Procedure to Add or Delete Releases
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1. Click Manual … if the release you want to switch to is not listed or is installed remotely.
   The Manual Configuration dialog box appears.

2. In the Release text box under the Configure Release frame, enter a name for the release you want to add to the list.

   NOTE: You can enter any name for the release, such as latest release or Cadence 16.6. You are not restricted to a particular naming format or convention.

3. In the location (CDSROOT) text box, specify the path to CDSROOT for the desired release, or use the browse button to locate the directory path.

4. Click Add/Update.
   The release you specified appears in the Select Release list of the Manual Configuration dialog box. The new release you added also appears in the Select Release list of the Cadence Switch Release dialog box.

5. To delete a release from the list, select the name of the release in the Select Release list box and click Delete.

6. Click Cancel to dismiss this dialog box.

Procedure to Add or Delete File Associations
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1. Click File Association, the utility will automatically add the default SPB file associations for current user if the default programs can be found under the current CDSROOT hierarchy. The File

Association Setup dialog box appears and lists these settings.

NOTE: The external file SPBDefaultFileAssociations.txt will be searched for default settings, the search order is:

- %CDS_SITE%
- %CDSROOT%\share\local
- %CDSROOT%\tools\bin

2. In the File Extension text box, enter a file extension you want to associate a program.

3. In the Default Program text box, specify the program you want to associate with this extension. The browse button can be used to locate the program. The environment variable can be used in the path.

4. In the Program Options text box, specify the program options. This is optional.

5. Click Add/Update to add or update this setup.
   The file association you added appears in the File Association Selection list box.

6. To delete a file association from the list, select the file extension entry in the File Association Selection list box and click Delete.

7. Click Cancel to dismiss this dialog box.

Procedure to Import a File Association Configuration File
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1. Click File Association to bring up the File Association Setup dialog box.

2. Click Import… to open the Import File Association File dialog box.

3. Type in the file association configuration file, or use the browse button to locate a file.

4. Click Import to import the file association file for the current user.

   The file association you imported will be displayed in the File Association Selection list box.

5. Click Cancel to dismiss this dialog box.

Command Line Parameters

The switchversion program accepts command line parameters to switch release, import registry file and file association file.

 Command syntax:

   Switchversion.exe [-rel releaseName] [-path cdsroot] [-reg registryFile] [-fa fileAssocFile]

                [-fas fileAssocFile]

-rel	Change CDSROOT to the root directory of this release. The release name must be exactly same as the release name in the switchversion dialog. switchversion.exe -rel SPB_16.6 switchversion.exe -rel "SPB 16.6"
-path	Change CDSROOT to the specified path switchversion.exe -path D:\Cadence\SPB_16_6 switchversion.exe -path "D:\Cadence\SPB 16_6"
-reg	Import a registry file (.reg) to the system. The user needs to make sure that he/she has permission to do the registry changes defined in the registry file.

	switchversion.exe -reg D:\test\myRegistry1.reg switchversion.exe -reg "D:\test me\myRegistry2.reg"
-fa	Import a file association configuration file for current user. switchversion.exe -fa D:\test\fileAssoc1.txt switchversion.exe -fa "D:\test me\fileAssoc2.txt"
-fas	Import a file association configuration file for all users, the admin right is required or UAC should be turned off. switchversion.exe -fas D:\test\fileAssoc1.txt switchversion.exe -fas "D:\test me\fileAssoc2.txt"
N/A	Open switchversion user interface

File Association Configuration File Format

The format of file association configuration file is as follows:

```
brd   "%CDSROOT%\tools\pcb\bin\allegro.exe"   -orcad
dsn   "%CDSROOT%\tools\pcb\bin\capture.exe"
sip   "%CDSROOT%\tools\pcb\bin\cdnsip.exe"
```

Notes:

1. The white spaces or tab character can be used to separate the file extension, default program, and program options.

2. The quotes are required around the program.

3. The Windows environment variable can be used in the path.

4. The program options are optional.