

Library Builder Installation Guide

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Table of Contents

Installation Overview	3
System Requirements.....	3
Licensing	3
Installing Library Builder	4
Normal (Ready to Use) Installation.....	4
Configuring Licensing	10
Appendix	11
Uninstalling Library Builder.....	11

Installation Overview

This *Library Builder Installation Guide* describes procedures to install *Library Builder*. *Library Builder* uses the standard FlexLM. The License Manager installer is separate from *Library Builder* installer.

System Requirements

Library Builder requires the following system prerequisites:

- Operating Systems: Microsoft Windows 7, 8, 8.1 , Vista
- Other Microsoft:
 - .NET Framework 4.5.
installs automatically
 - Microsoft Visual C++ 2010 Redistributable Package (x86)
installs automatically
- Hardware: Hard Drive with Minimum 100MB
- Other Software:
 - OrCAD Capture 16.6 is required to export symbols to Capture.
 - Allegro PCB Editor 16.6 is required to export footprints to PCB Editor

Licensing

Library Builder uses the FlexLM license manager. The License Manager can be downloaded separately from the *Library Builder* application. If you already have the License manager installed, either local or on your network, you will not need to install a new server. Simply specify its location during installation.

Complete installation will register the installation license server for *Library Builder* use. A new license is NOT required for maintenance upgrades from *Library Builder*.

Installing Library Builder

Normal (Ready to Use) Installation

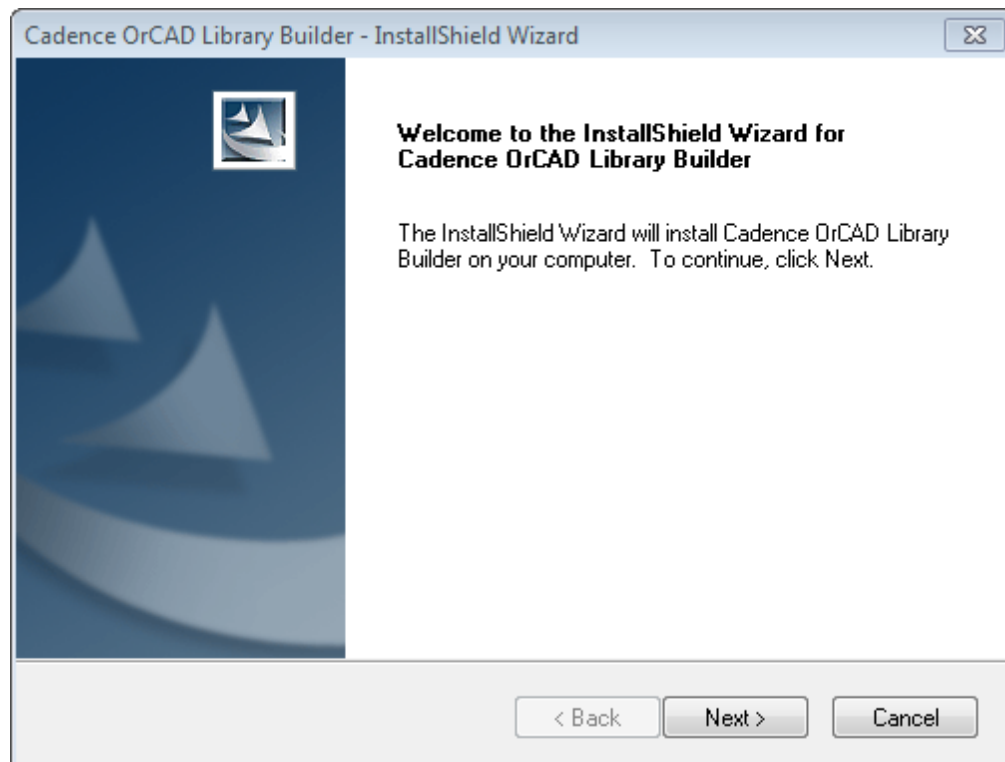
For major upgrades, if *Library Builder* is already installed, there is no need to uninstall *Library Builder* before proceeding; an incremental update will be performed.

Follow these steps to install *Library Builder*.

1. Download the *Library Builder* software from the link emailed with your *Library Builder* license file.
2. To Start the *Library Builder* installation wizard, double click on the downloaded installation program, for example:

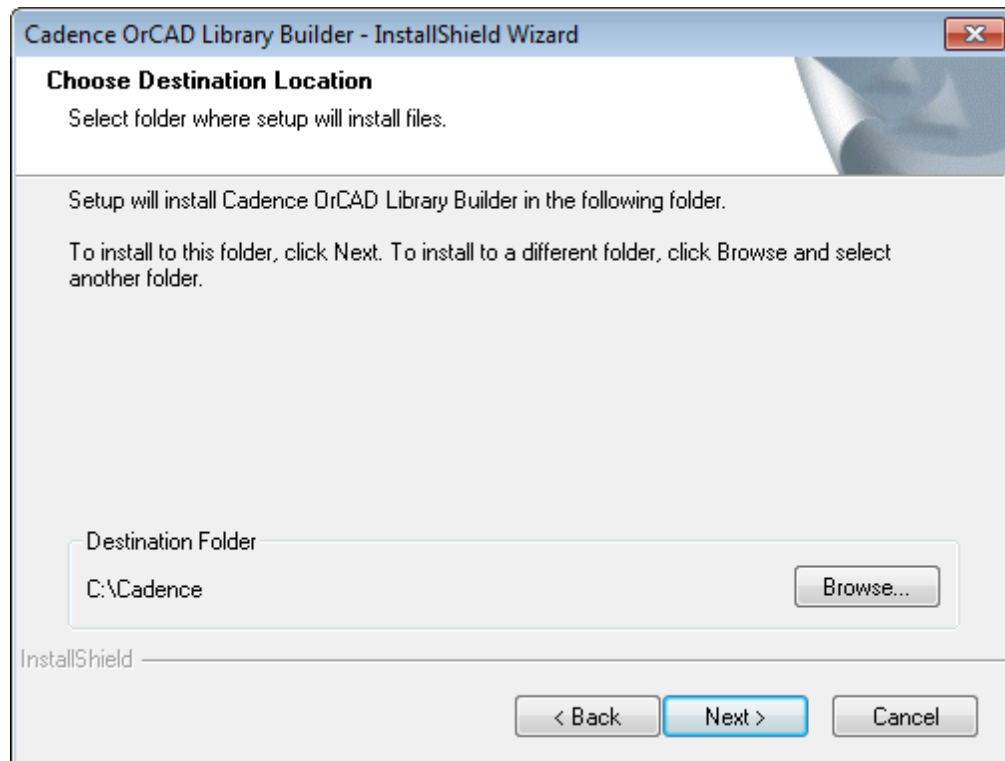
`Library Builder_setup16_6_47.exe.`

The Library Builder InstallShield Wizard opens to the **Welcome** dialog box. Click **Next**.



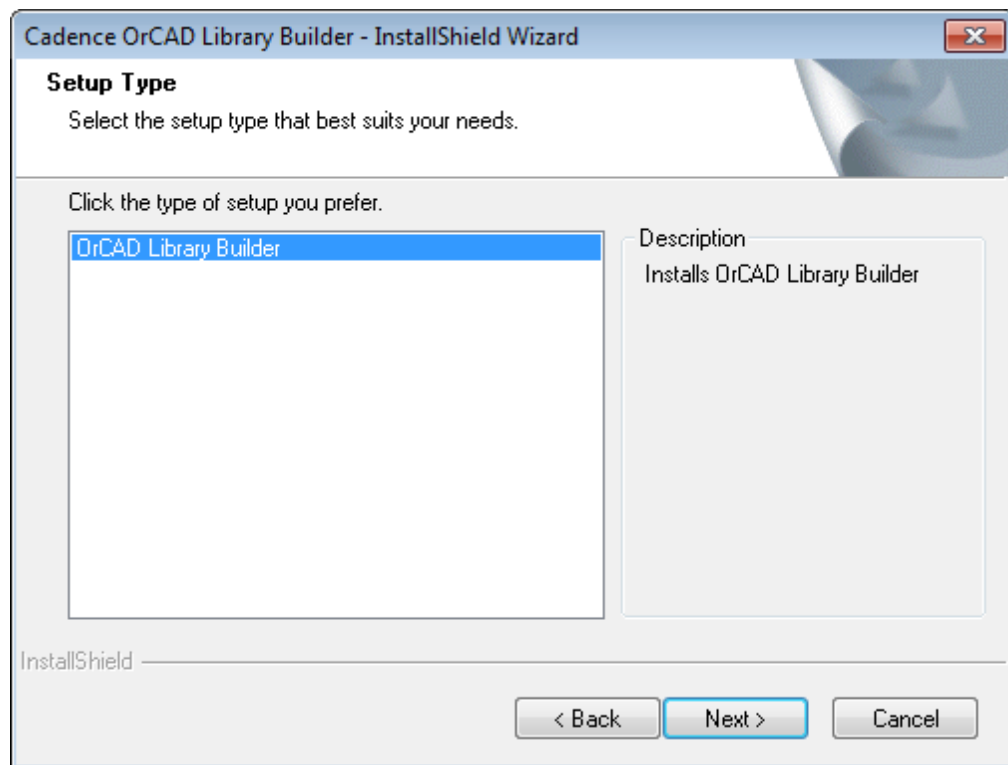
Note: If the installer detects that your system does not have the required prerequisites, you will need to install them when the system prompts you to install them.

3. On the **License Agreement** dialog box, if you accept the terms, select **I accept** then select **Next**.
4. On the **Choose Destination Location** dialog box, you may change the location to the Library Builder installation. The default installation directory (recommended) is **C:\Cadence**. If you wish to change the installation location, click **Browse...** and navigate to the folder in which you wish to install Library Builder. You must be able to write to this directory. Select the directory and click **Next**.



Note: This window will not display when installing a software patch of this release. Software patch updates will automatically install over the base installation.

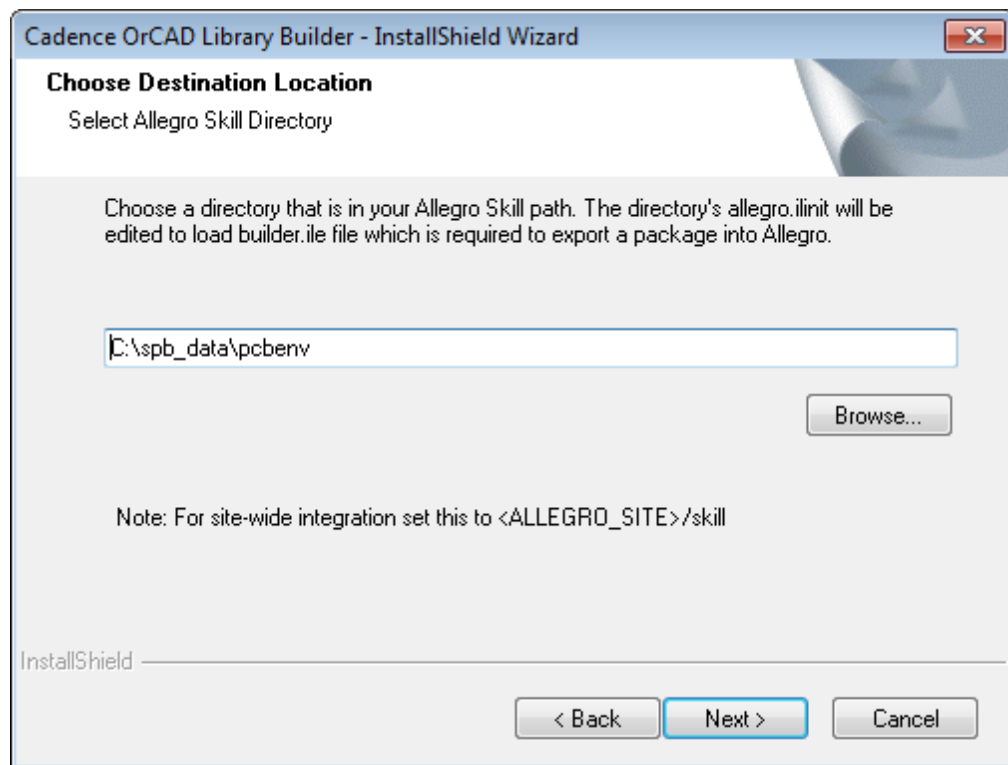
5. On the **Setup Type** dialog box select **Next**.



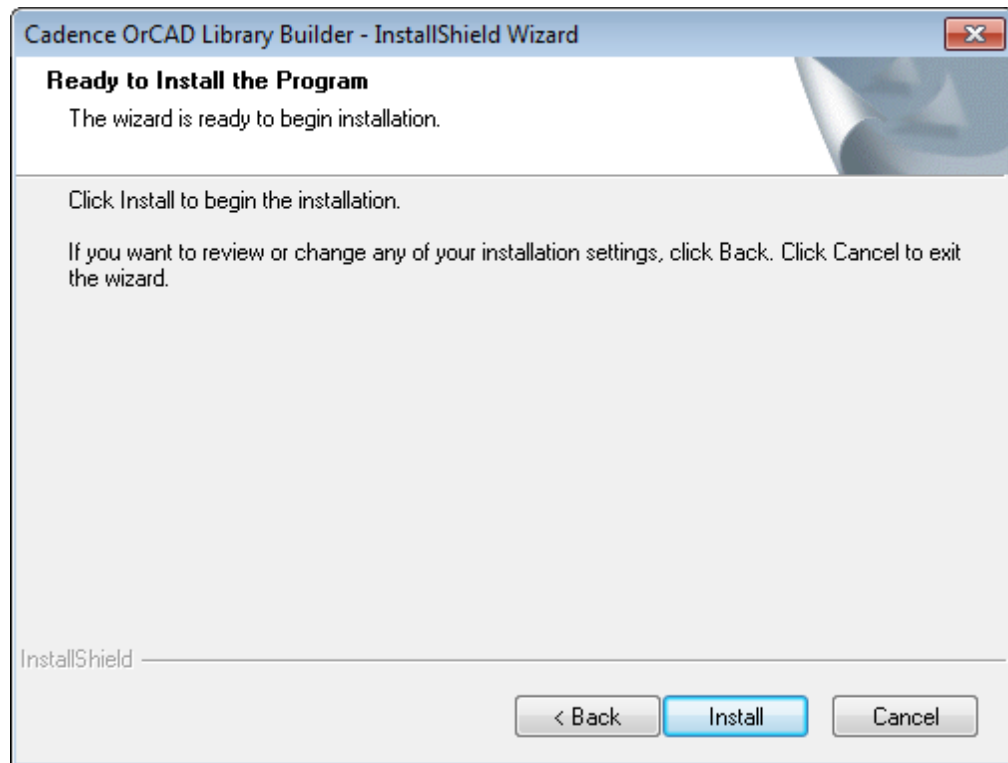
6. On the **Select Allegro Skill Directory** dialog box enter the path to your Allegro Skill path if it is different from what is displayed. Select **Next**.

Note: This option will direct the appropriate files to the **pcbenv** folder to use Allegro Skill. This will allow the user to export a package into Allegro.

Note: For site-wide integration set this to <ALLEGRO_SITE>/skill



- Library Builder installs the Library Builder product only.
7. On the **Ready to Install the Program** dialog, select **Install** to begin the installation.



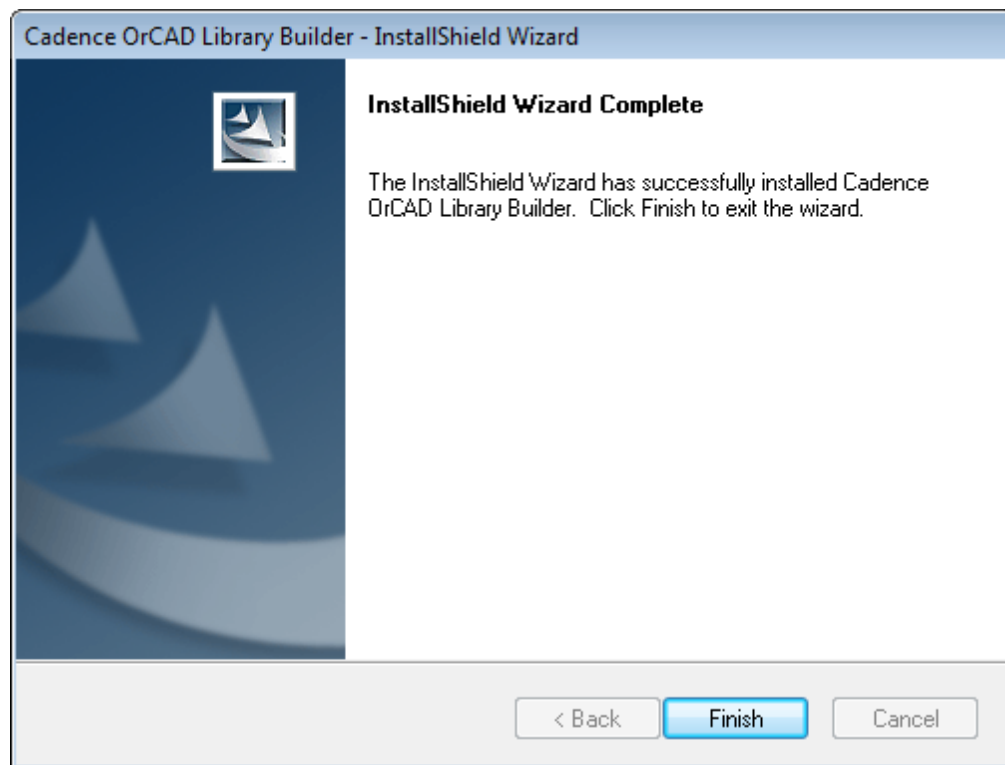
8. On the **Please specify license information** dialog box, specify the **hostname** and **port number** for the FLEXlm license server or the location of the license file.

If you do not know this information or this is the first time you are installing EMA licensed products, click **Skip License File Setup** and skip the licensing set up portion of the install. Follow the instructions in [Configuring Licensing](#) on page 10 to configure licensing manually.

Note: See the FlexLM documentation if you are configuring redundant license servers.

Click **Next**.

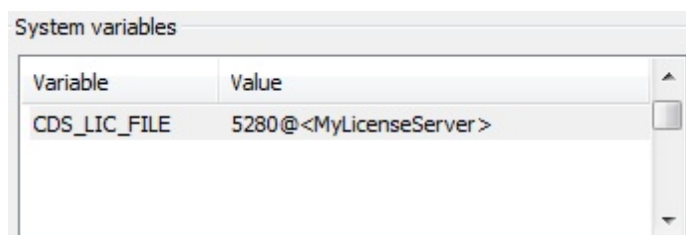
9. When the Product installation is complete, click **Finish**



Configuring Licensing

You will need to install the License Manager that is used for your Cadence OrCAD or Allegro product before using *Library Builder*. The Allegro and OrCAD PCB Editor determines which license server to use when it reads the system variable, *CDS_LIC_FILE*. If you provided the location of the license server during installation, the correct entry is available in this variable. If you did not provide the license information during installation, follow the instructions below:

From the **Start All Programs** ICON click on **Control Panel** in the right window panel. Click on **System, Advanced system settings** and then click the **Environment Variables** button. Under System variables, locate the variable *CDS_LIC_FILE* and set the value to port@machinename as the desired location of the license server.



If you have problems configuring the license server or checking out a license, please refer to the FLEXlm documentation or call your Cadence Channel partner.

Appendix

Uninstalling Library Builder

Follow the step below to uninstall Library Builder

- Click on the **Start** button on the Windows task bar, by default at the bottom on the screen or on your Keyboard.
- Select **Control Panel** in the right hand column.
- Select **Programs and Features**.
- In the **Uninstall or change a program** dialog box highlight **Cadence Library Builder** and **RMB** (right mouse button) click and select **Uninstall**.
- The InstallShield Wizard preparing setup dialog box opens and you are asked if you want to completely remove selected application. Click **Yes**.