



Embed 2016.3 Installation Guide

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solidThinking Embed 2016.3 Installation Guide

This document describes the installation procedure for Embed 2016.3.

Please note that if you have Embed 2016 installed, you can select to install 2016.3 in the same Installation Directory as 2016 or in a new directory, but 2016.3 will use the same configuration file as 2016.

solidThinking Embed 2016.3 Main Installer

Before you begin the installation, you must install the following on your computer:

- Texas Instruments CCS Compiler
- If you will be using real-time I/O boards, the drivers must already be installed

To install the **Texas Instruments CCS Compiler**, follow these steps:

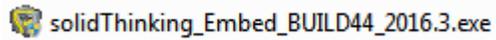
1. Go to the **TI Wiki page** (http://processors.wiki.ti.com/index.php/Download_CCS)
2. Scroll down to **Code Composer Studio Version 6 Downloads**.

| Release | Build # | Date | Download | Notes |
|---------|-------------|---------------|---|--|
| 6.2.0 | 6.2.0.00050 | Sept 14, 2016 | Web Installers: Windows ⤵ Linux ⤵ - 64-bit only MacOS ⤵ Off-line Installers: Windows ⤵ MDS ⤵ Linux ⤵ MDS ⤵ - 64-bit only MacOS ⤵ MDS ⤵ | <ul style="list-style-type: none">• New in this release:<ul style="list-style-type: none">• Release notes ⤵• Build 50 vs 48• Bug fixes for flashing issues on Connectivity devices• Resource Explorer bug fixes and startup performance improvements• Installation: see instructions in README Linux ⤵ file. See also additional Linux installation instructions• The manifest ⤵ lists the software components included in this product.• Update Status: this release will not be available as an update. |
| 6.2.0 | 6.2.0.00048 | Aug 31, 2016 | Web Installers: Windows ⤵ Linux ⤵ - 64-bit only MacOS ⤵ Off-line Installers: Windows ⤵ MDS ⤵ Linux ⤵ MDS ⤵ - 64-bit only MacOS ⤵ MDS ⤵ | <ul style="list-style-type: none">• New in this release:<ul style="list-style-type: none">• Release notes ⤵• Support for MacOS (CC13xx, CC2538, CC2850, CC3200, C2000, MSP430, MSP432, TM4C, Hercules)• Bug fixes• Updated device support• Eclipse 4.5• ARM, C2000, MSP430 compiler update to 15.12.3 LTS• Resource Explorer v2.0 BETA• Installation: see instructions in README Linux ⤵ file. See also additional Linux installation instructions• The manifest ⤵ lists the software components included in this product.• Update Status: this release will not be available as an update. |
| 6.1.3 | 6.1.3.00034 | Jul 2, 2016 | Web Installers: Windows ⤵ Linux ⤵ MacOS ⤵ Off-line Installers: Windows ⤵ MDS ⤵ Linux ⤵ MDS ⤵ MacOS ⤵ MDS ⤵ | <ul style="list-style-type: none">• New in this release:<ul style="list-style-type: none">• Support for MacOS (CC13xx, CC2538, CC2850, CC3200, C2000, MSP430, MSP432, TM4C, Hercules)• Bug fixes• Updated device support• Eclipse 4.5• ARM, C2000, MSP430 compiler update to 15.12 LTS• Build 33 vs 34 There is no functional difference between build 33 and 34, the only change was to the installer.• Installation: see instructions in README Linux ⤵ file. See also additional Linux installation instructions• The manifest ⤵ lists the software components included in this product.• Update Status: this release will not be available as an update. |

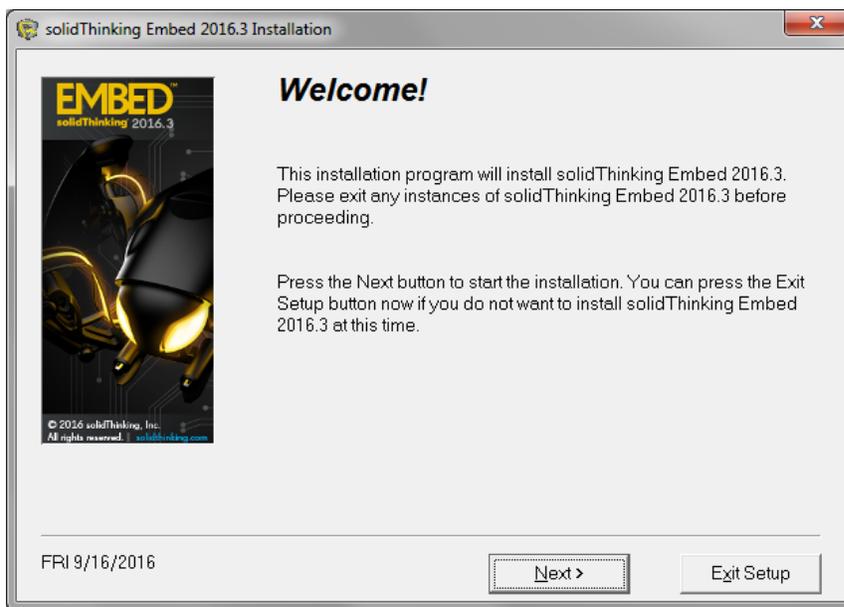
3. Select the latest version and in the **Download** column under **Off-line installers**, click on **Windows** to download the compiler.
4. You will be prompted to log into or create your free TI account before you can download the TI C compiler (CCS).
5. After you install the TI C compiler you can start the installation of solidThinking Embed.

To start the Embed 2016.3 installation:

1. Double-click on the installer executable:

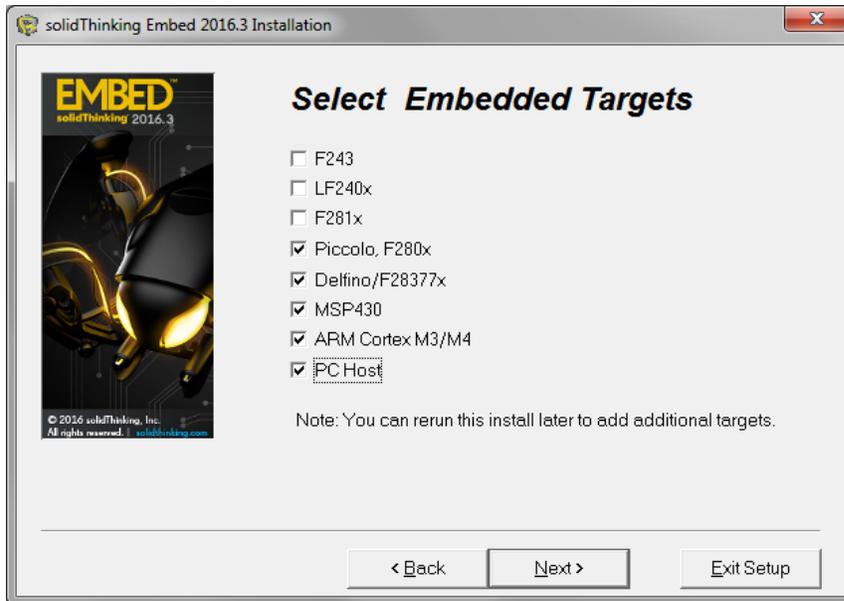


The *Welcome* screen is displayed:



2. Press **Next** twice.

The *Select Embedded Targets* window appears:



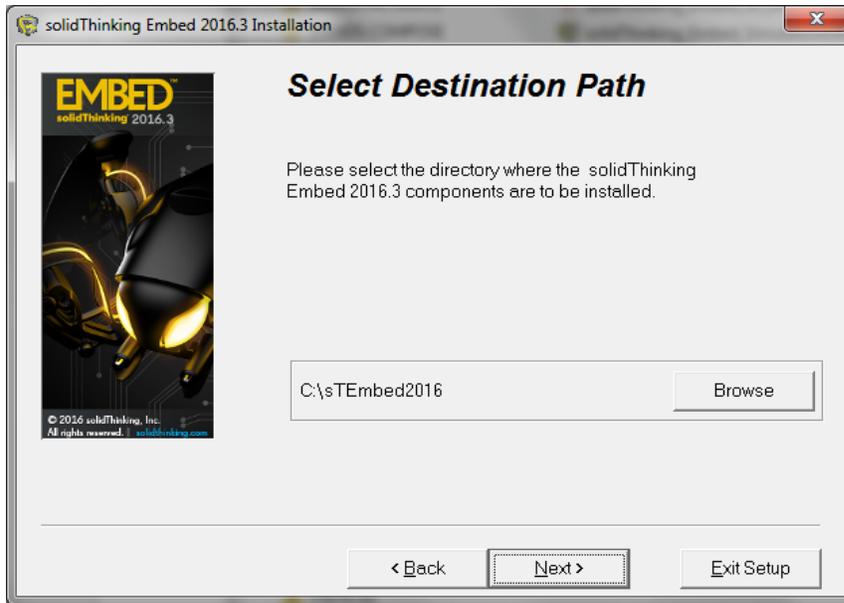
3. Select the embedded targets to be supported by the Embed Code Generation process; then press **Next**.
Important: You must install the *Texas Instruments CCS Compiler* before installing Embed 2016.3.

The *Select Modules* window appears:



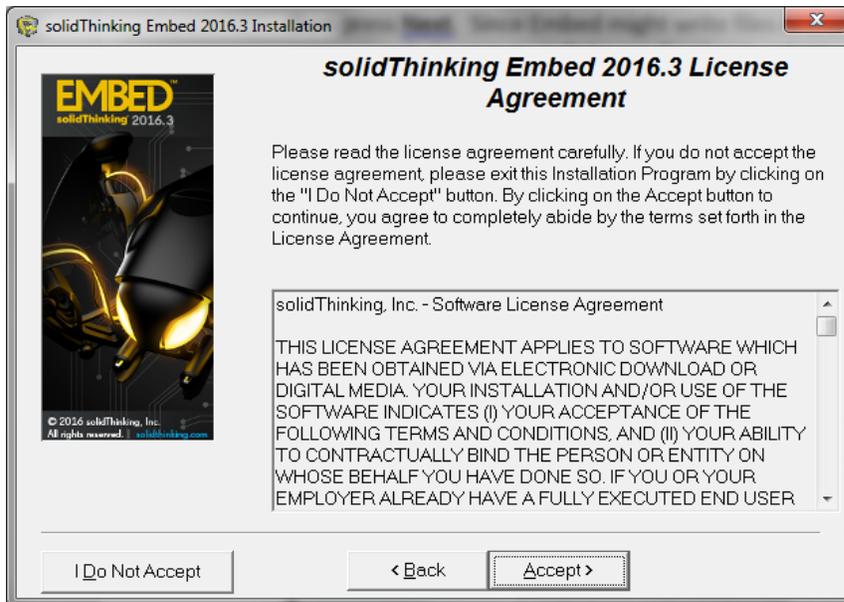
4. Select the modules you want to install; then press **Next**.

The *Select Destination Path* window appears:



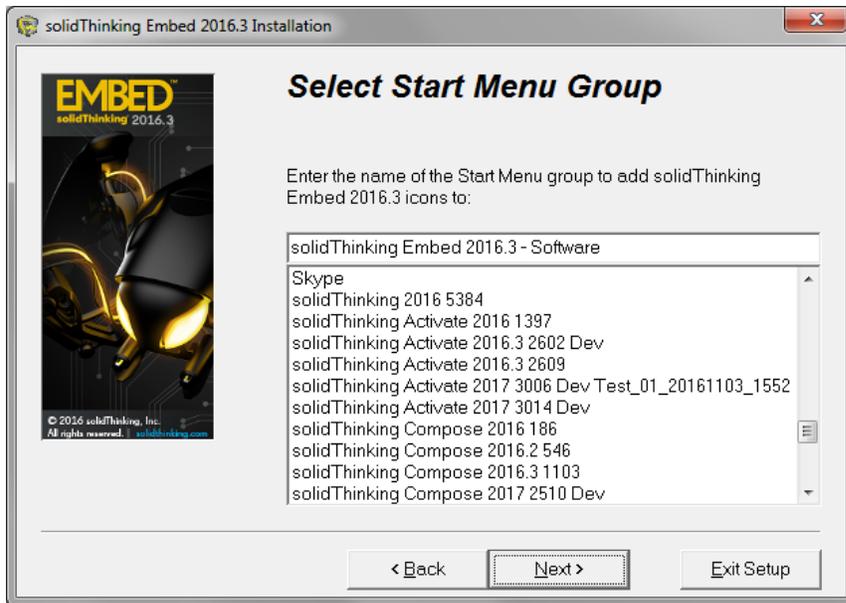
5. Choose the default installation location or click **Browse** to select an installation directory of your choice; then press **Next**. Since Embed might write files in the installation location during execution, it is strongly recommended not to install the application in a folder such as C:\Program Files\ for example, where write permissions might be missing for standard users.

The *License Agreement* window appears:



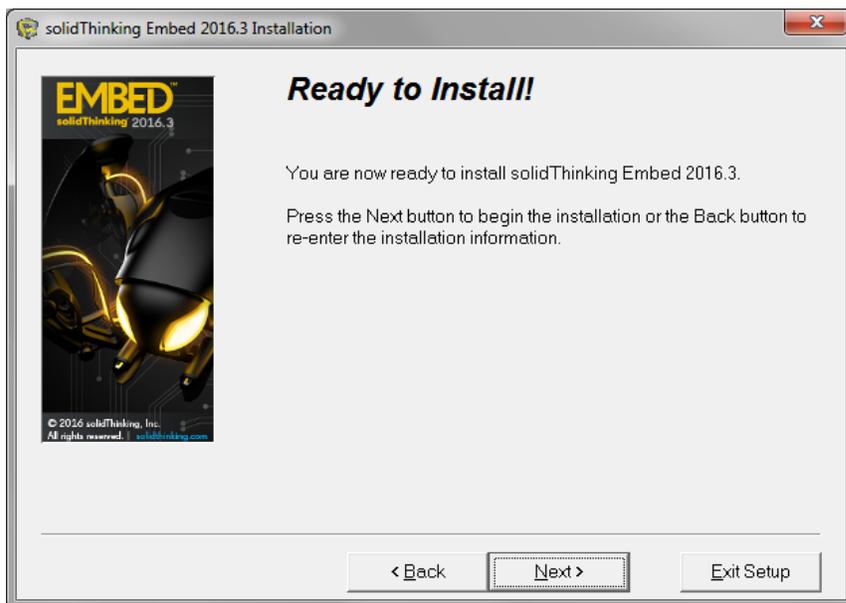
6. Review the terms of the **License Agreement**; then press **Accept** to continue the installation.

The *Select Start Menu Group* window appears:



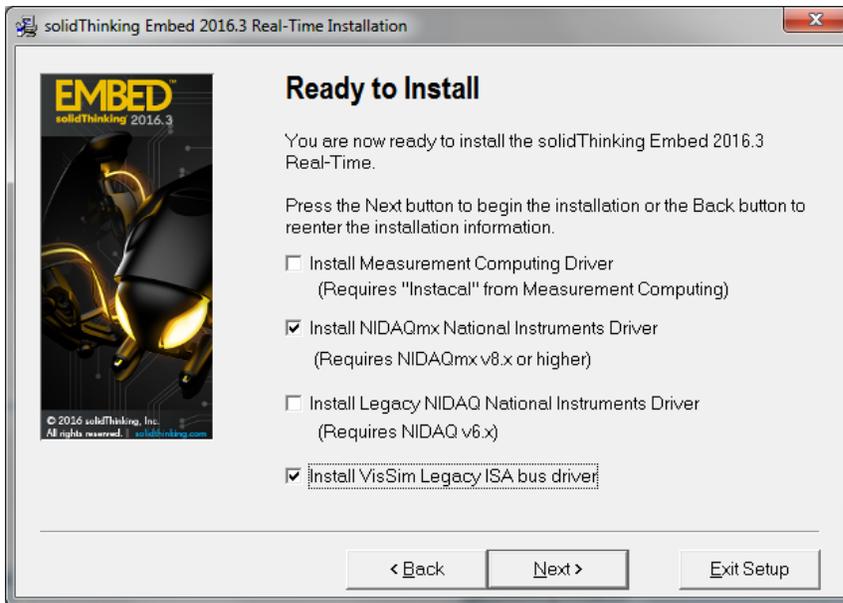
7. Select the name for the Windows **Start Menu Group**; then press **Next**.

The *Ready to Install* window appears:



8. After you press **Next**, additional dialogs are then displayed that correspond to the selections you made in step 4 in the *Select Modules* window.

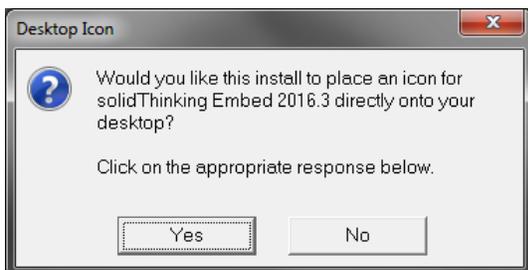
If you selected **Real Time Analog/Digital I/O** in step 4, the following window appears:



9. Select the drivers that correspond to the I/O boards you want to use; then press **Next**.

Important: You must install the drivers on your computer before installing Embed 2016.

Upon completion of the installation, you are given the option to create a desktop shortcut:



10. We recommend you choose **Yes**.

Installation of solidThinking Embed 2016.3 is now complete.

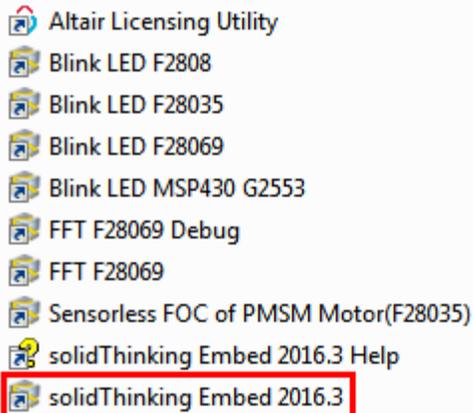
Invoking solidThinking Embed 2016.3

After you complete the installation process, you can invoke solidThinking Embed 2016.3 from the Windows Start Menu or the Desktop Icon, if you chose to create it.

Invoking solidThinking Embed 2016.3 from the Start Menu

1. Press the **Start** button.
2. Press **All Folders**.
3. Scroll through the pop-up window to find the following:

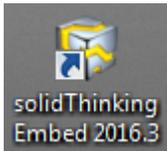
solidThinking Embed 2016.3 - Software



4. Click on the program outlined in **red** above.

Invoking solidThinking Embed 2016.3 from the Desktop

On your Desktop, you can start solidThinking Embed 2016.3 by clicking on the following icon:



Licensing

The application recognizes either node-locked licenses or floating licenses served from a license server. You must set the appropriate environment variable (ALTAIR_LICENSE_PATH) to point to either the license file or the license server. Use it to point to a file for a node-locked license or to a network license server in the simple form of port@hostname.

To set the ALTAIR_LICENSE_PATH variable in Windows:

1. Press the **Start** button.
2. In the pop-up window, click on **Control Panels**.
3. Click on **Systems** and select **Advanced system settings**.
4. Select the **Advanced** tab.
5. Click on **Environment Variables**.
6. Under **User Variables**, select or create **ALTAIR_LICENSE_PATH**.
7. In the corresponding cell in the **Value** column, enter the port@host of your license server or the complete path and filename to the license file.

As an alternative set-up, when using a local license file, without defining ALTAIR_LICENSE_PATH, you can rename the license file to altair_lic.dat and drop it in the <Embed-installation-folder>/security folder.

Note: For HyperWorks customers, the application recognizes either node-locked licenses or floating licenses, consuming HyperWorks Units.

Uninstalling solidThinking Embed 2016.3

To uninstall Embed 2016.3, please use the following Uninstaller links, which you can access from the Start Menu. First uninstall OPC, Real-Time, and UDP; then C-Code; and finally Embed.

-  [Uninstall solidThinking Embed 2016.3 CanPeak](#)
-  [Uninstall solidThinking Embed 2016.3 C-Code](#)
-  [Uninstall solidThinking Embed 2016.3 OPC](#)
-  [Uninstall solidThinking Embed 2016.3 Real-Time](#)
-  [Uninstall solidThinking Embed 2016.3 UDP](#)
-  [Uninstall solidThinking Embed 2016.3](#)