

Abaqus Student Edition

Installation Instructions

Product features and limitations

- The Abaqus Student Edition consists of Abaqus/Standard, Abaqus/Explicit, Abaqus/CFD, and Abaqus/CAE.
- Full HTML documentation is included.
- The maximum model size is limited to 1000 nodes for structural analysis/postprocessing, and 10000 nodes for fluid analysis/postprocessing.
- Access to features requiring compilers (user subroutines, Abaqus Make, C++ ODB API) is not available.
- Parallel execution is not available.
- Add-on products are not available.
- Abaqus Student Edition model databases are compatible with academically licensed Abaqus releases but not with commercially

Before you begin:

1. Make sure you have administrator privileges, as this is required for the Abaqus Student Edition installation.
2. Turn off all anti-virus software.
3. If your PC has Windows User Access Control active, we recommend turning UAC down to its lowest settings.
4. Only 64-bit Windows operating systems are allowed, not 32-bit Windows. If you are unsure, try the following: **Start -> Run "cmd"** and type "`systeminfo`" in the command window. If the "System type" field says "X86-based PC, you have a 32-bit OS. If it says "X64-based PC", you have a 64-bit OS.

The Abaqus Student Edition installation consists of 3 basic sections.

- a) Abaqus HTML Documentation Installation
- b) Abaqus Product Installation
- c) Abaqus Installation Verification

Detailed steps for all sections are included below. *The images shown below are from an installation of Abaqus 2016 Student Edition on Windows 8. Other operating systems may look slightly different.*

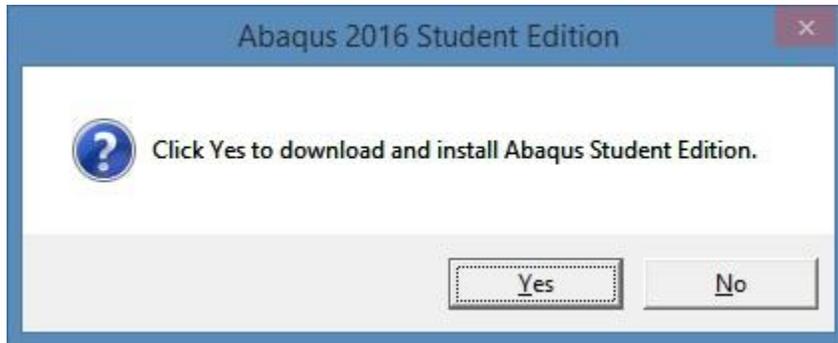
Step 1

Download the Abaqus Student Edition executable file.

- Abaqus_2016-SE_win86_64, for 64-bit Windows, is 1.75 GB in size.

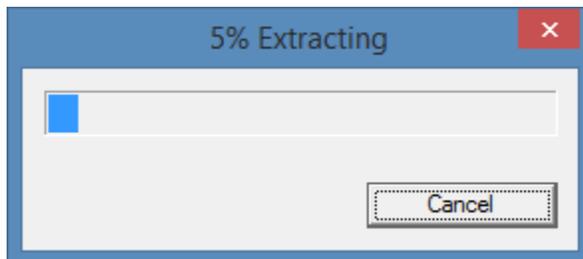
Step 2

Double-click the executable to begin the file extraction and installation process. Click **Yes**.

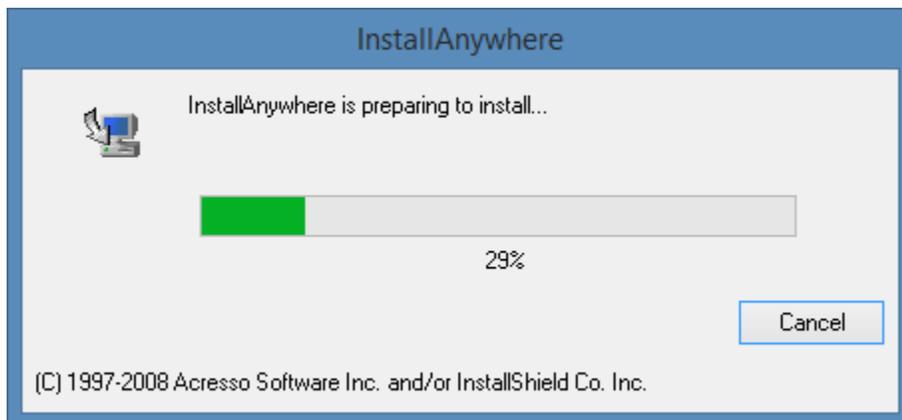


Step 3

Allow at least 5 minutes for the installation data to extract to your machine.

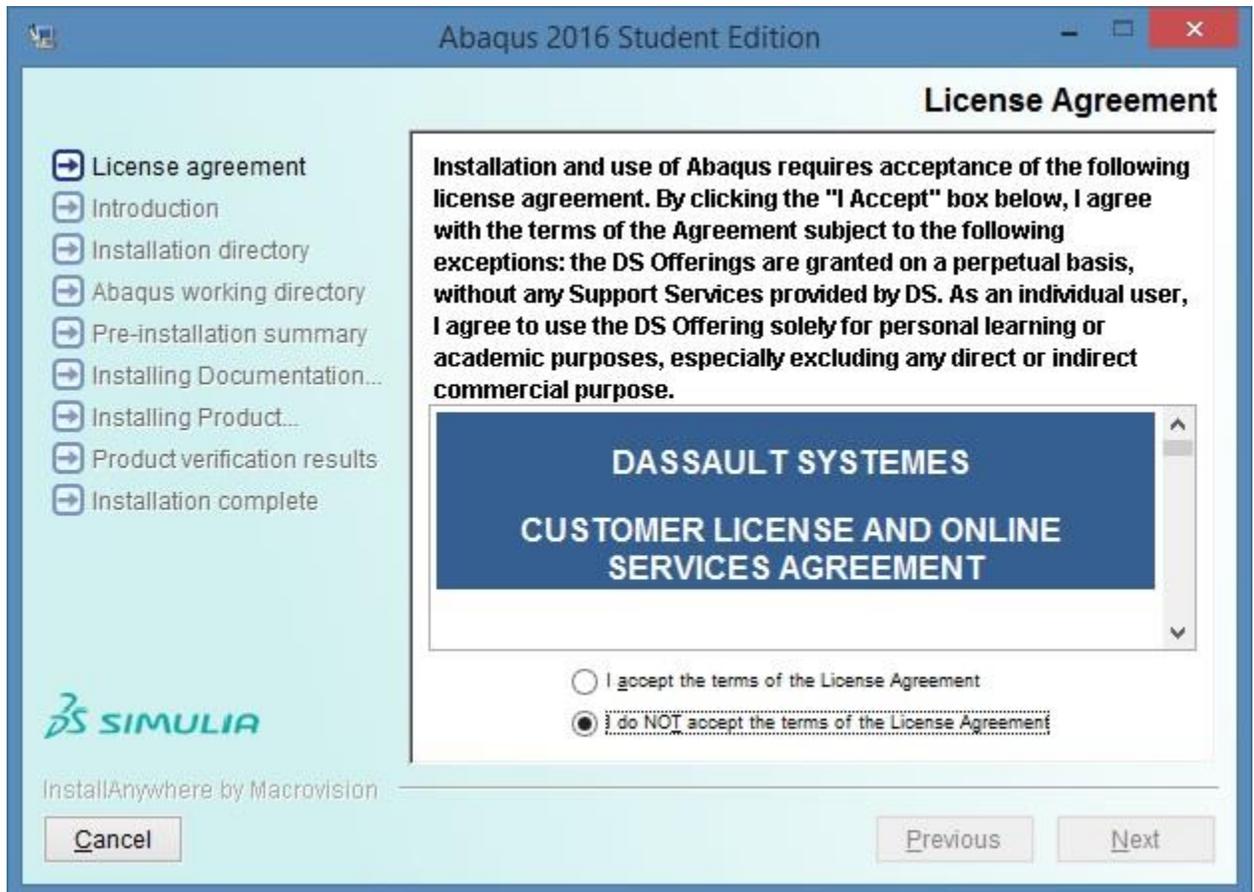


When it is complete, the Abaqus Product Installer will launch automatically.



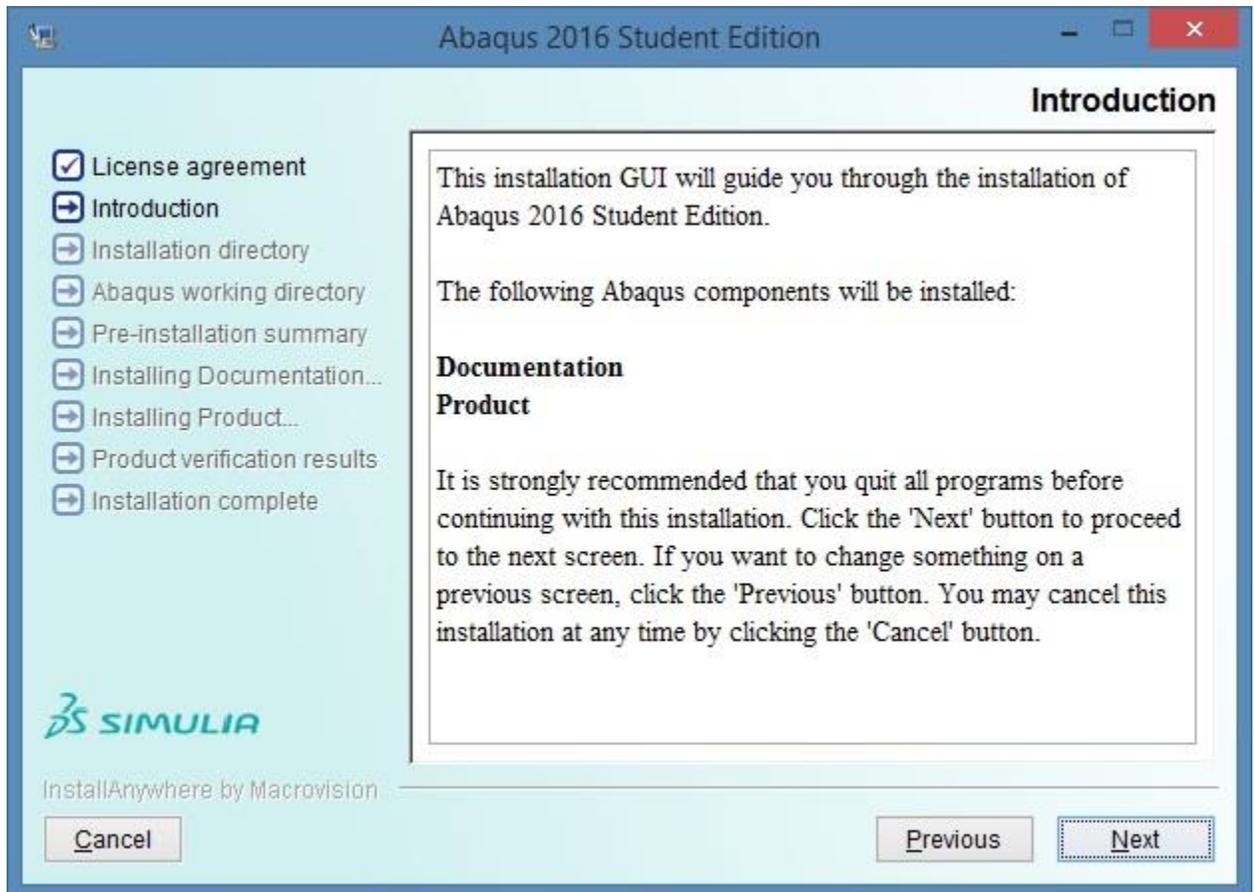
Step 4

Read and accept the terms of the license agreement to continue. Click **Next**.



Step 5

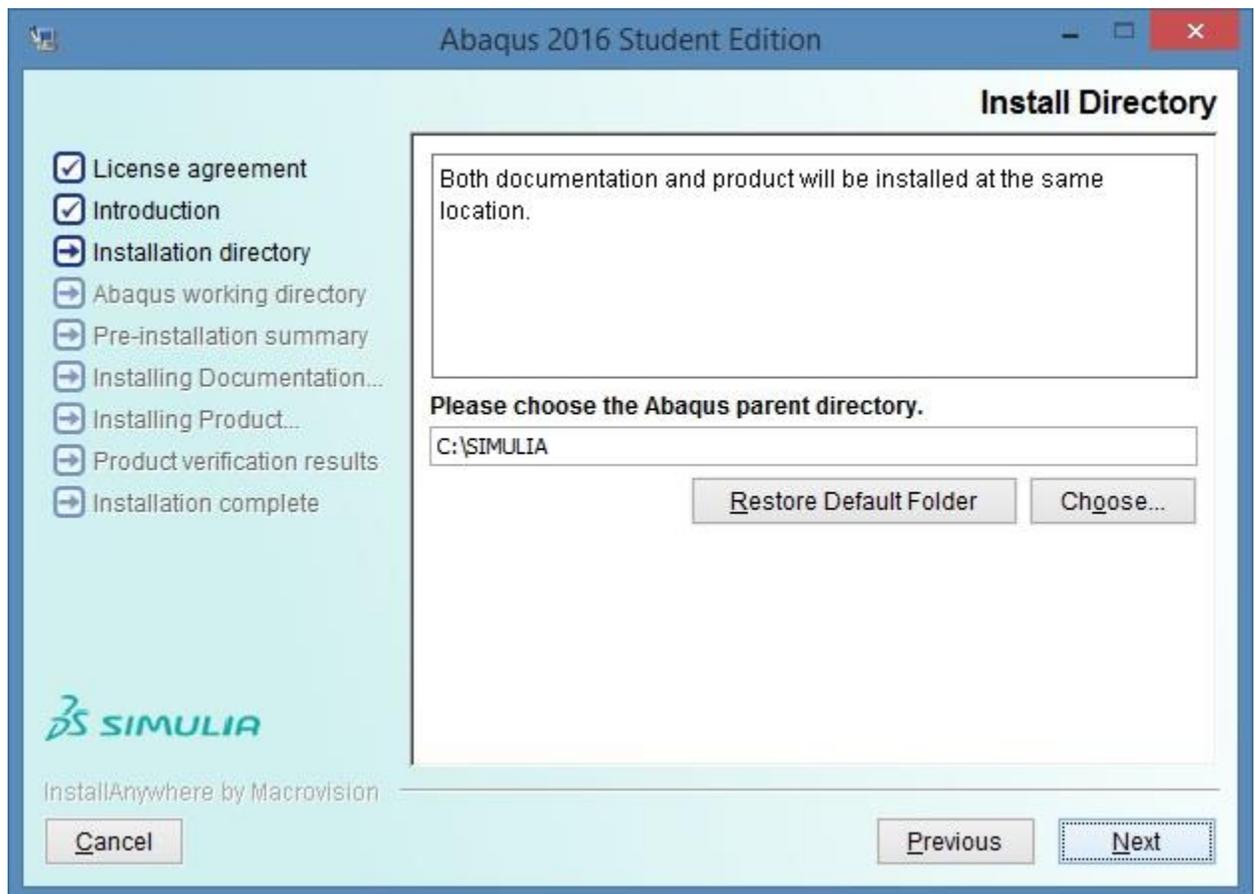
Read the information and Click **N**ext to continue with the installation.



Step 6

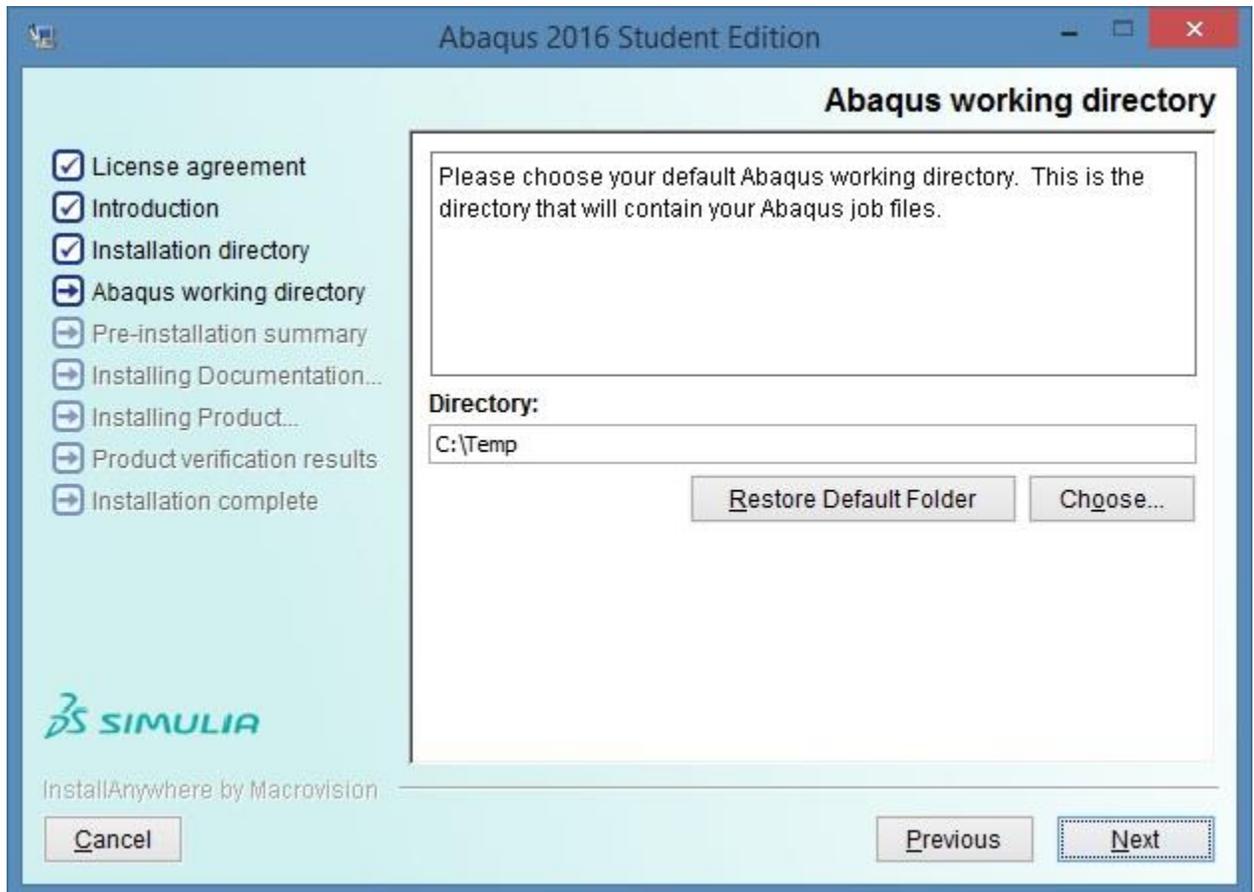
If there are no previous Abaqus installations on your computer, you will be asked to provide an installation directory. Otherwise, the Abaqus 2016 Student Edition will be installed in the same directory as any previous installations.

Choose your installation directory and click **Next**.



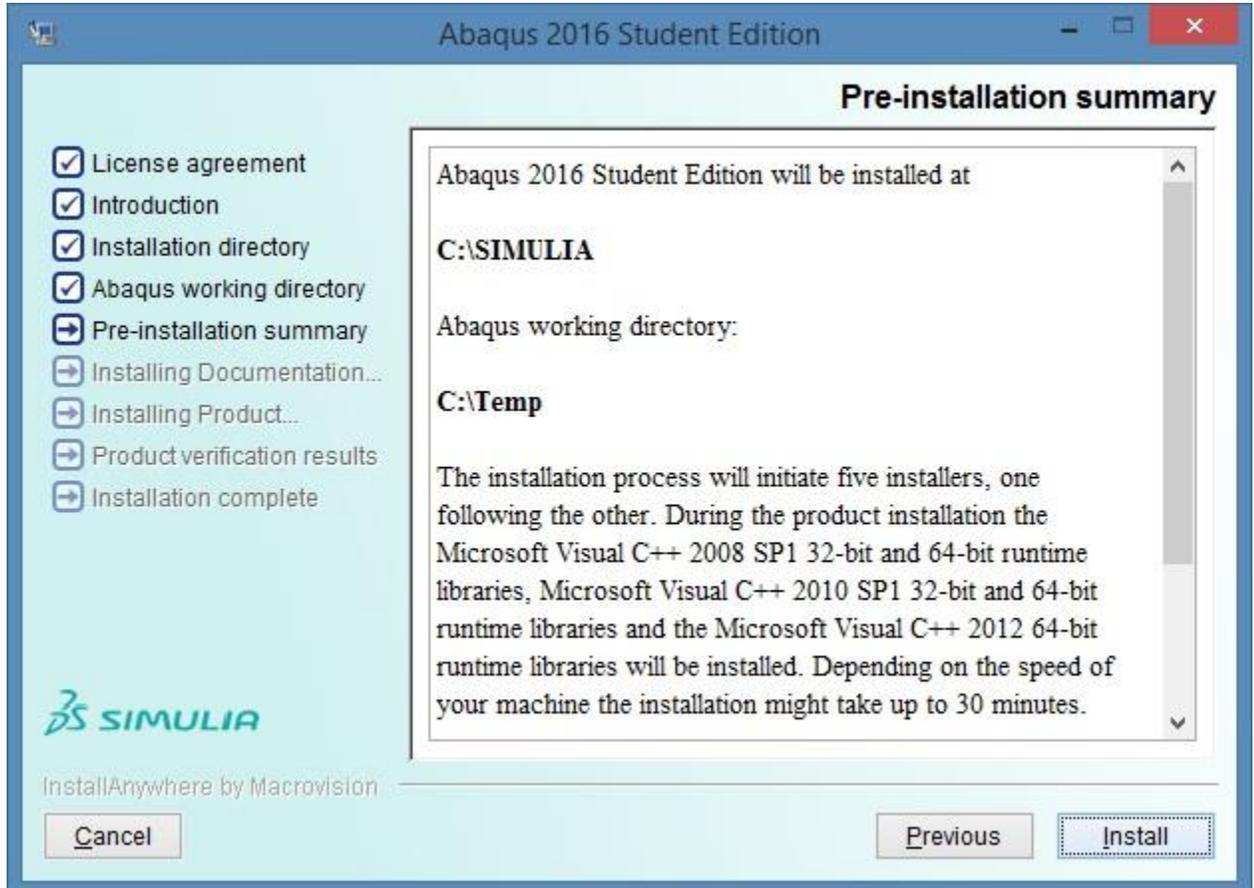
Step 7

Choose the location for all your Abaqus job files and click **Next**.



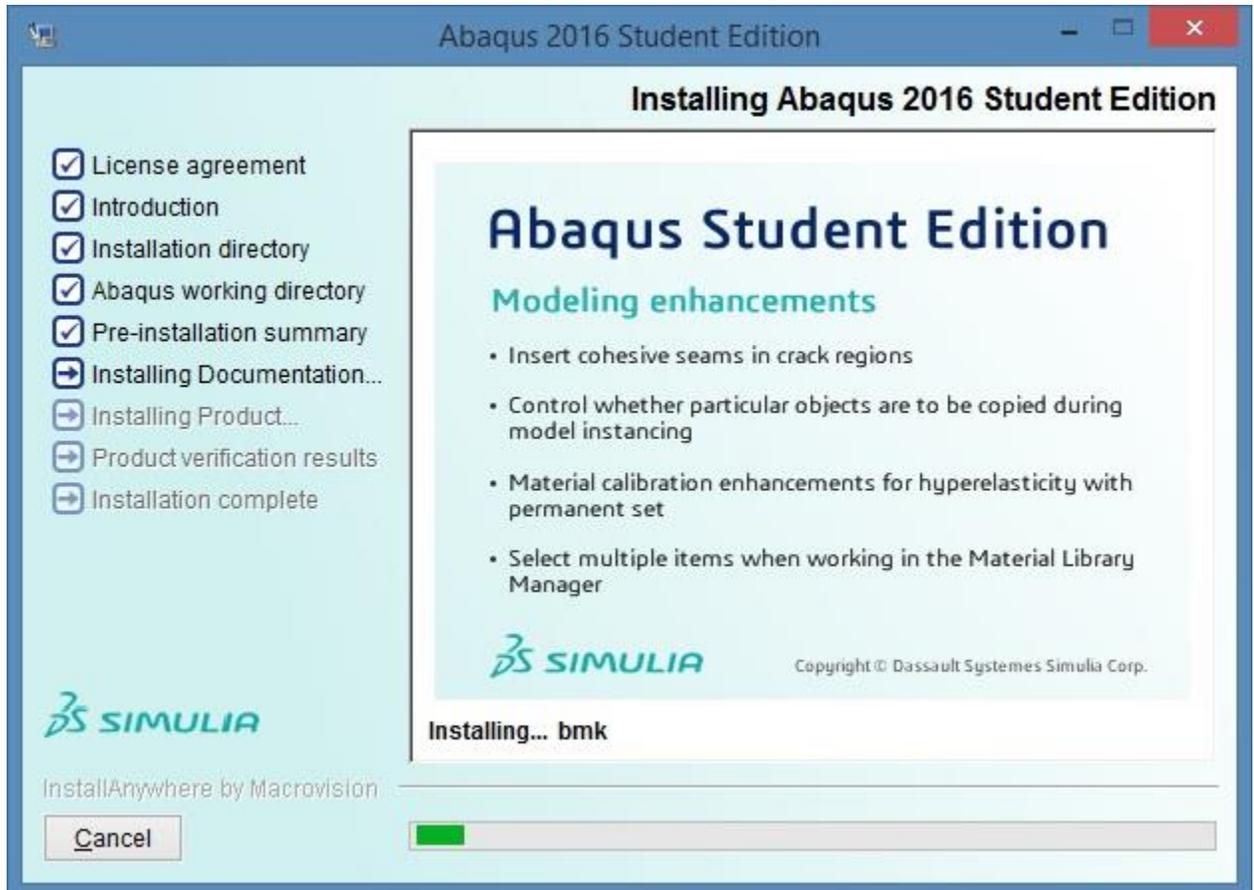
Step 8

Review the information in the Pre-installation Summary. Click **Install** when you are ready to proceed. The Abaqus Student Edition installation will begin.



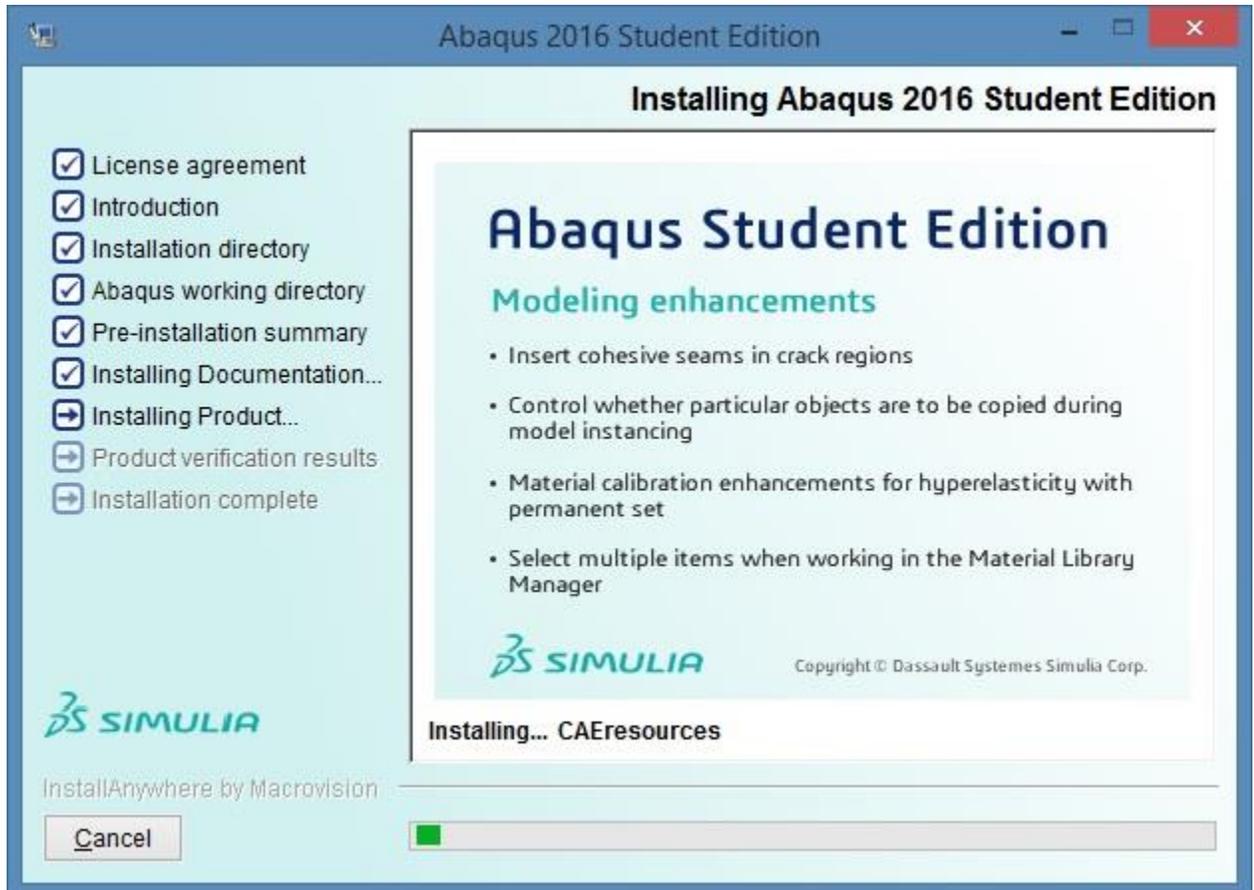
Step 9

First, the Abaqus Student Edition HTML Documentation is installed. This process may take up to 30 minutes to complete.



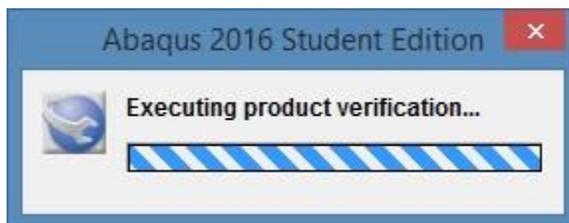
Step 10

After the documentation installation completes the Abaqus Student Edition product installation will proceed. You may be prompted to install Microsoft MPI also.



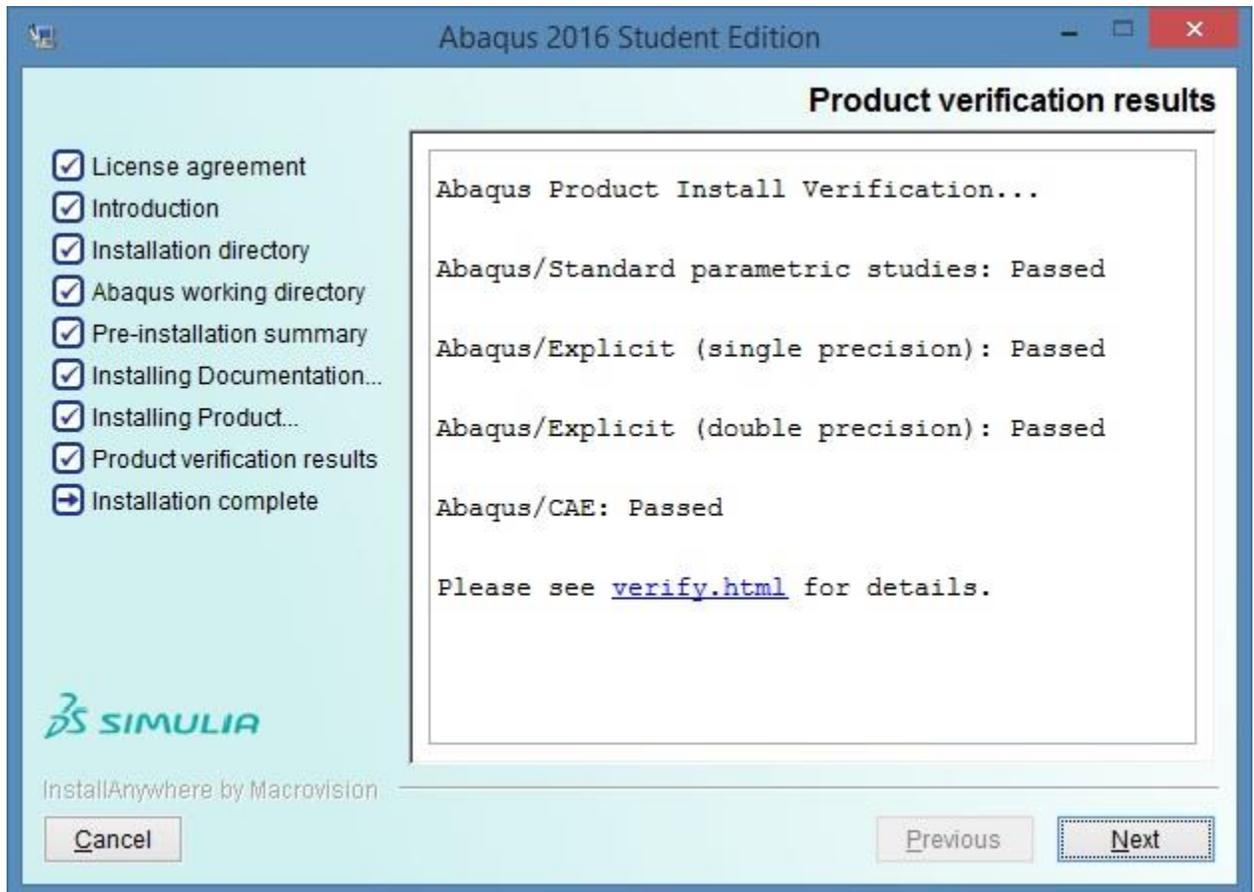
Step 11

Once the Abaqus product installation has completed, the product verification begins automatically.



Step 12

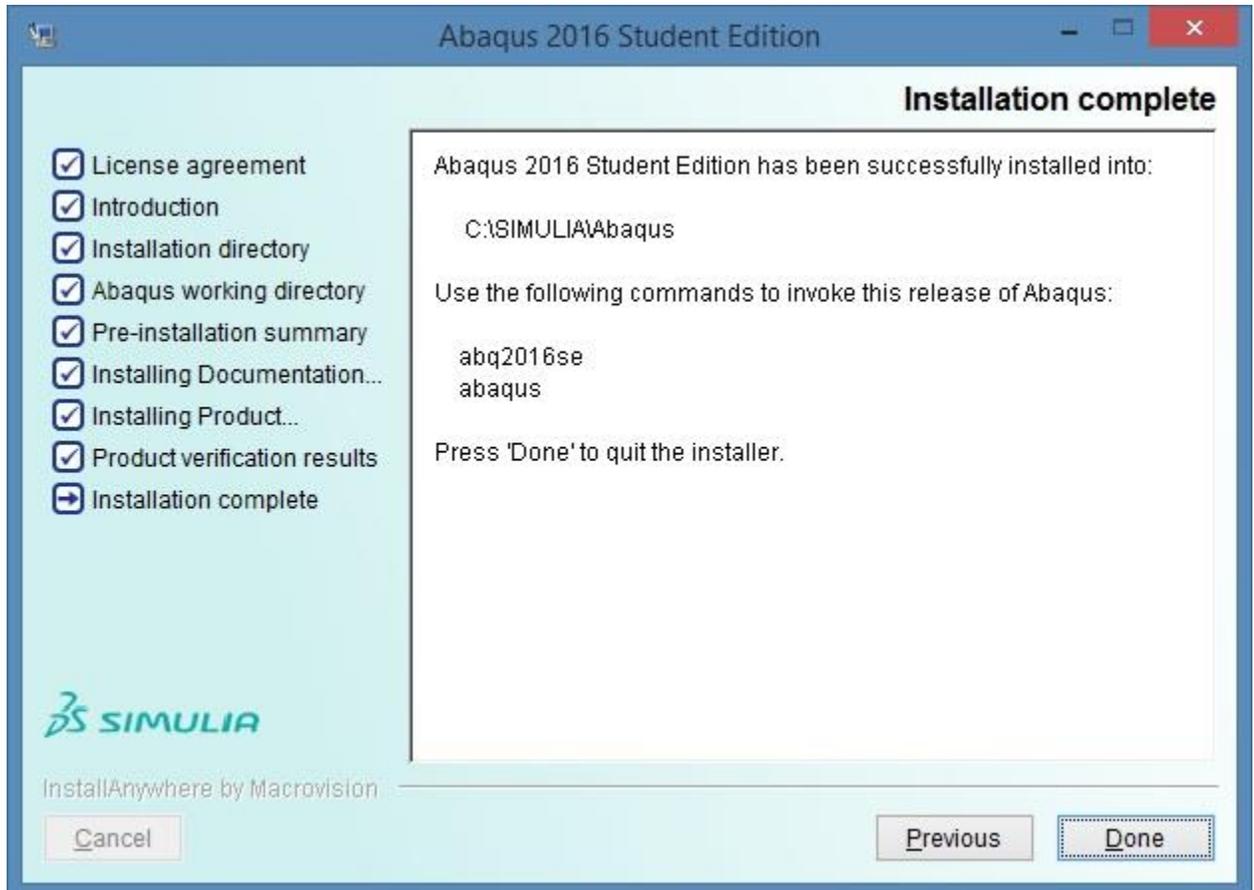
After verification completes, a results panel is displayed for your review.



If any errors are displayed, click the `verify.html` link for additional information and troubleshooting.

Step 13

After clicking **N**ext the final screen will appear, giving you the necessary information to launch the Abaqus Student Edition software. Clicking **D**one will finish the installation and exit the window.



Execute the newly installed Student Edition product:

On Windows 7 and earlier, from the shortcuts in the **Start** menu under **Programs -> Abaqus 2016 Student Edition**

On Windows 8 and later, from the icons in the **Apps** screen under section **Abaqus 2016 Student Edition**

Known issues:

- On Windows 8 and later, uninstall of Abaqus 2016 Student Edition will uninstall the Abaqus product but **not** the documentation.
 - To uninstall Abaqus 2016 Student Edition documentation:
 1. Ensure your account has Administrator privileges.
 2. From the **Start** screen, select **Desktop**.
 3. Launch **File Explorer** (Folder icon in the lower left of the taskbar).
 4. From **File Explorer** in field at the top of the window, launch the uninstaller executable from the installation directory.

For example:

If your Abaqus installation directory was C:\SIMULIA it would be located at:

**C:\SIMULIA\Documentation\installation_info\v2016\html_uninstaller
\Uninstall Abaqus 2016 Student Edition.exe**

5. Follow the prompts to perform the uninstallation.
- Installing Abaqus 2016 Student Edition alongside older installations of Abaqus Student Edition adversely affects the MPI on the older installations.
 - Please see Knowledge Base QA article QA00000038462 (MS-MPI upgrade issues with older releases) for more information