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.

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 \underline{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.

InstallAnywhere			
1	InstallAnywhere is preparing to install		
	29%		
		Cancel	
(C) 1997-2008 Acresso Software Inc. and/or InstallShield Co. Inc.			

Read and accept the terms of the license agreement to continue. Click $\underline{\mathbf{N}ext}$.

<u>12</u>	Abaqus 2016 Student Edition 🛛 🗕 🗖 💌
	License Agreement
 License agreement Introduction Installation directory Abaqus working directory Pre-installation summary Installing Documentation 	Installation and use of Abaqus requires acceptance of the following license agreement. By clicking the "I Accept" box below, I agree with the terms of the Agreement subject to the following exceptions: the DS Offerings are granted on a perpetual basis, without any Support Services provided by DS. As an individual user, I agree to use the DS Offering solely for personal learning or academic purposes, especially excluding any direct or indirect commercial purpose.
 Installing Product Product verification results Installation complete 	DASSAULT SYSTEMES CUSTOMER LICENSE AND ONLINE SERVICES AGREEMENT
35 SIMULIA	I accept the terms of the License Agreement O I do NOT accept the terms of the License Agreement
InstallAnywhere by Macrovision	Previous Next

Read the information and Click **<u>Next</u>** to continue with the installation.



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 $\underline{\textbf{N}ext}$.

4 <u>8</u>	Abaqus 2016 Student Edition	- 🗆 🗙
		Install Directory
 License agreement Introduction Installation directory Abaqus working directory Pre-installation summary Installing Documentation 	Both documentation and product will be installe location.	d at the same
➡ Installing Product	Please choose the Abaqus parent directory.	
Product verification results	C:\SIMULIA	
Installation complete	Restore Default Fold	er Ch <u>o</u> ose
35 SIMULIA		
InstallAnywhere by Macrovision — Cancel	Prev	ious Next

Choose the location for all your Abaqus job files and click $\underline{\mathbf{N}}\mathbf{ext}$.

9 <u>8</u>	Abaqus 2016 Student Edition	- 🗆 🗙
	Abaqus	working directory
 License agreement Introduction Installation directory Abaqus working directory Pre-installation summary 	Please choose your default Abaqus working directory. This is the directory that will contain your Abaqus job files.	
Installing Documentation	Directory:	-th
Product verification results	C:\Temp	
Installation complete	Restore Default Folde	er Ch <u>o</u> ose
InstallAnywhere by Macrovision	Previ	ous <u>N</u> ext

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



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



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.



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

9 <u>0</u>	Abaqus 2016 Student Edition 🛛 – 🗖 🗙	
	Product verification results	
 License agreement Introduction 	Abaqus Product Install Verification	
 Installation directory Abaqus working directory 	Abaqus/Standard parametric studies: Passed	
 Pre-installation summary Installing Documentation Installing Product Product verification results Installation complete 	Abaqus/Explicit (single precision): Passed	
	Abaqus/Explicit (double precision): Passed	
	Abaqus/CAE: Passed	
	Please see <u>verify.html</u> for details.	
2		
S SIMULIA		
InstallAnywhere by Macrovision		
	Frevious	

If any errors are displayed, click the <code>verify.html</code> link for additional information and troubleshooting.

After clicking **<u>Next</u>** the final screen will appear, giving you the necessary information to launch the Abaqus Student Edition software. Clicking **<u>Done</u>** 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