

Download and Install of STAR-CCM+ for a Linux Platform

Thank you for choosing CD-adapco for your engineering simulation requirements. A user account for our Customer Portal "Steve" has been created for you and your username and password for this portal will be sent to you in a separate follow up email. The Steve Portal is located at: steve.cd-adapco.com or <http://www.cd-adapco.com/support/>

A concise description of the installation process is listed below. A description of machine requirements is discussed in the attached HTML installation guide.

Downloading the software from the Steve Support Portal

- Go to <http://www.cd-adapco.com/support/> and navigate to the support center link.
- Click on the link and enter your previously supplied username and password
- Note that if this is your first visit to the support portal, you will need to change your password before continuing
- Proceed to the File Downloads tab and click on this
- When on the File Downloads page, select the Products Radio button
- Ensure STAR-CCM+ appears in the selection window
- Select the required version of the software and then choose the correct OS by clicking the appropriate 'download'
- Download the installation guide and release notes listed in the 'Related Files and Documentation' section at the bottom of the web-page

Installation of the software

- Copy the installation file (e.g. STAR-CCM+7.02.011_01_linux-x86_64.tar.gz) to a temporary location
- execute `gunzip STAR-CCM+7.02.011_01_linux-x86_64.tar.gz`
- execute `tar xvf STAR-CCM+7.02.011_01_linux-x86_64.tar`
- Navigate to the newly created subdirectory named `starccm+_7.02.011`
- Run the executable `STAR-CCM+7.02.011_01_linux-x86_64_gnu4.6.bin`
- This will display an Installation Window. At the License Notice screen, accept the license agreement and select Next
- At the Choose Installation Method, select the icon next to Express and select Next
- At the Select Install Location screen, specify the path for the installation and select Next
- At the Pre-Installation Summary screen, review the information listed. Confirm that the available disk space is sufficient to complete the installation. If not, clean up the disk space as needed. The License information listed may be incorrect, however, proceed with the installation anyway and select Install.
- At the Install Complete screen, select Done

To Start the License Manager:

- Check the SERVER line of the license file. If the lmhostid is incorrect, the license will need to be regenerated. If the hostname is incorrect, edit the license file and specify the correct hostname.
- Copy the license file to the FLEXlm/11_9_1_0/bin subdirectory of the installation
- From the FLEXlm/11_9_1_0/bin subdirectory, execute `lmgrd -c ./license.dat > license.log`

To start using the software:

- Create a file in the home directory named `.flexlmrc` and add the line `CDLMD_LICENSE_FILE=1999@host_name`, where `host_name` is the name of the machine that is the license manager.
- From a working directory, execute `{installation_path}/star/bin/starccm+`
- From the File Pull down menu, select New Simulation.
- In the New Simulation window, select OK.
- STAR-CCM+ should then complete the license check out process and populate the object tree.

Should you encounter a licensing problem when starting the code, please send the following information to your Dedicated Application Support Engineer or support-us@cd-adapco.com:

(1) a copy of the error message

(2) a copy of the `.flexlmrc` file

(3) the log file written by the license manager

(4) the hostname and lmhostid of the license manager machine

(4) output obtained when executing "ping hostname" from a command prompt, where hostname is the name of the license server