

ClothWorks

The following manual covers the steps for purchasing, activating, and resolving your ClothWorks licence.

Features

Licensing unlocks the following features:

1. Loop Subdivision – smoothens cloth by increasing resolution, meanwhile preserving texture coordinates
2. Laplacian Smoothing – smoothens cloth by balancing vertices
3. Movable Pins – allows transforming pinned cloth while in simulation
4. Adaptive Grid – generates grids for complex faces and 3d geometry

At an any given time, a licence can be activated on up to three computers (e.g devices).

Prerequisites

1. ClothWorks licensing depends on *SketchUcationTools*, version 3.1.5+:
<https://sketchucation.com/resources/plugin-store-download>
Please download and install *SketchUcationTools* extension to activate your licence.
2. Purchasing and activating a licence also requires being a registered user at SketchUcation:
<https://sketchucation.com/register.php>

Purchasing Licence

Note: Prior to purchasing a licence, ensure that ClothWorks simulation works properly and doesn't crash.

If you have already purchased a licence, please skip these steps and refer to *Activating Licence* section for activating your licence. Otherwise, refer to the steps for purchasing your licence:

1. Open SketchUp.
2. Access (Menu) *Extensions* → *ClothWorks* → *License...*

This will open an *SCFLicense* dialog box.



3. Click on *Obtain Licence* button.



You can also, click on the following link, which will get you to the same page:

<https://sketchucation.com/purchase.php?plugin=ClothWorks>

4. Go through steps for purchasing through PayPal. After purchasing, a licence file will be sent to your email address. Refer to *Activating Licence* section below for validating your licence.

Note: This process requires that you are signed-in to SketchUcation.

Activating Licence

Note: Activating licence, releasing licence, and refreshing seats requires internet connection. After a licence is validated, internet connection is not required.

Refer to the steps below for validating your licence:

1. You will have received a SketchUcation email with your licence file attached to it. Download the licence file and save it to a known location on your computer.
2. If haven't already, download and install the latest version of *SketchUcationTools*:
<https://sketchucation.com/resources/plugin-store-download>
SketchUcationTools, version 3.1.5 or later, must be downloaded and installed in order to license. It is important that you use the latest version to avoid experiencing licensing issues!

3. Open SketchUp.
4. Access (*Menu*) *Extensions* → *ClothWorks* → *License...*

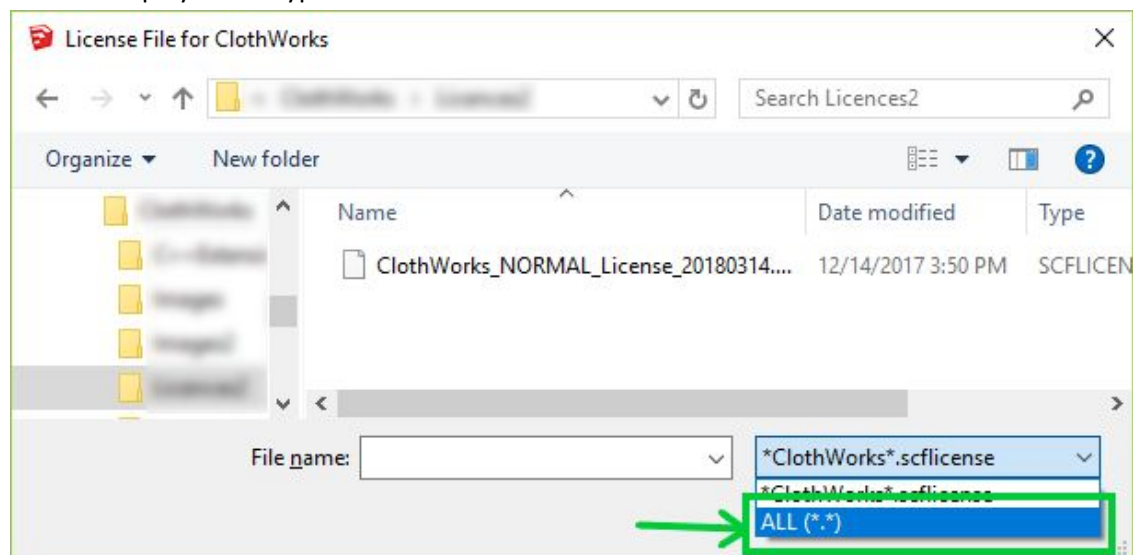
This will open an *SCFLicense* dialog box.



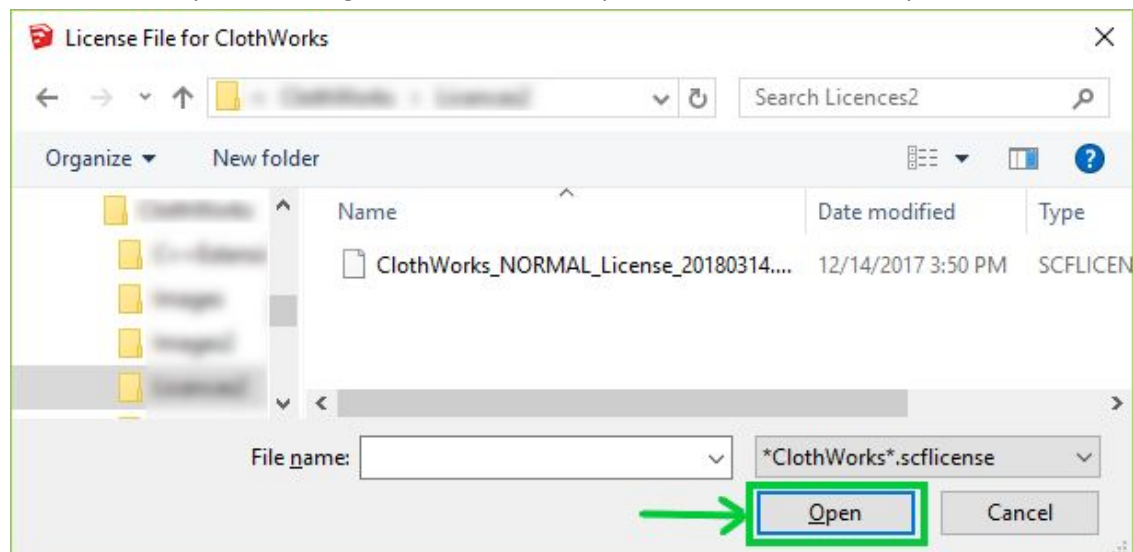
5. Click on the *Validate License* button. This will open a dialog for choosing a license file to activate.



6. Within the dialog for choosing a license file, change the file type drop-down option to *ALL (*.*)*. This will display all file types.



7. Find and select your licensing file, and then click *Open*. This should validate your licence.



8. Press *Done* and you're all set!



With the licence activated, all features should be unlocked.

Releasing Licence

An activated licence can be released by clicking *Release License* button. Once released, a licence can be validated again, on either the same or a different device.

Getting Number of Seats

The number of seats (e.g. devices) taken is stored on SketchUcation server. If you have the *License Dialog Box* open, and do validation in parallel on other computers, you may need to refresh the information by just clicking on the *Seats...* button.

Contact Support

To reset your licence seats or receive a new copy of your licence, please contact:

clothworks@sketchucation.com

Include your *SketchUcation* username and email address you purchased to in the description.

In case you are having an issue with the licensing, please refer to *Known Issue* section below.

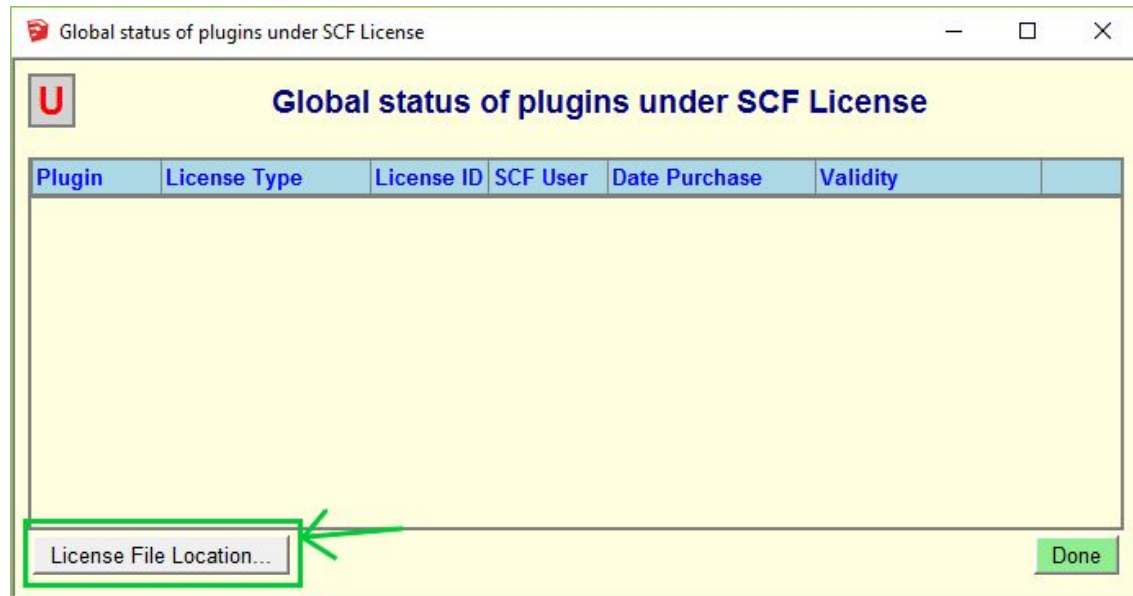
Known Issue

On Mac OS X and on a few Windows platforms, there is an issue where licence deactivates and activating it again increases the number of seats taken, even though only one computer is used. In case you are experiencing this licensing issue, please make sure you are updated to the latest version of [SketchUcationTools](#) and refer to the steps below to fix it.

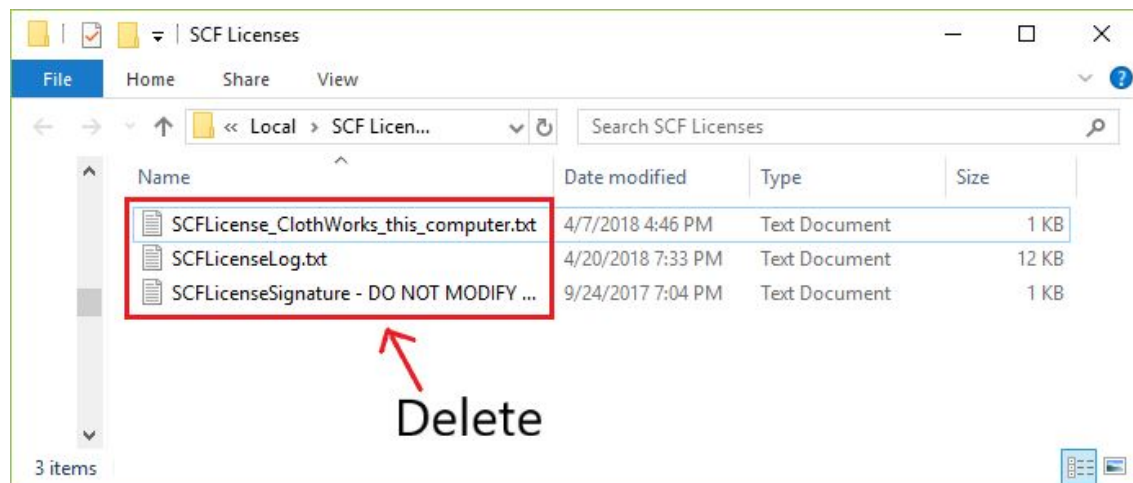
In case your licence seats fill up, do the following:

1. Send an email to clothworks@sketchucation.com with your SketchUcation username and email address you have used for purchasing your licence in the description. A response will be made shortly indicating that your licence was reset at the server side. After you get a response, refer to the next steps below.
2. Open SketchUp.
3. Access (*Menu*) *Extensions* → *SketchUcation* → *SCFLicense: Global Status...*

4. Click on *Licence File Location...* button.



5. Delete all files in the folder.



6. Restart SketchUp and activate your licence file. Refer to *Activating Licence* section for instructions.
Note: You may have to click *Seats...* button to refresh the seats taken after opening the licensing dialog.