

# ClothWorks

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

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## 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 a given time, a licence file can be activated on up to three computers (e.g devices).

## Requirements

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>

## Purchase

**Note:** Prior to purchasing your licence ensure that ClothWorks simulation works and does not crash!

If you have already purchased a licence, please skip these steps and refer to the [Activation](#) section. Otherwise, refer to the following steps to purchase your licence:

1. Open SketchUp.

2. Access **(Menu) Extensions → ClothWorks → License...**

This will open the *SCFLicense* dialog box:



3. Click on the *Obtain Licence* button.



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

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

4. Go through the steps for purchasing through PayPal. Ensure to enter a correct email address! After purchasing, your licence file will be sent to your email address. Upon receiving the email, refer to the [Activation](#) section to activate your licence.

**Note:** Purchasing a ClothWorks licence requires that you are signed-in at SketchUcation.

## Activation

To activate your ClothWorks licence file, your device needs to be connected to the internet. After activating you can use ClothWorks without the internet connection.

Refer to the following steps to activate 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...**

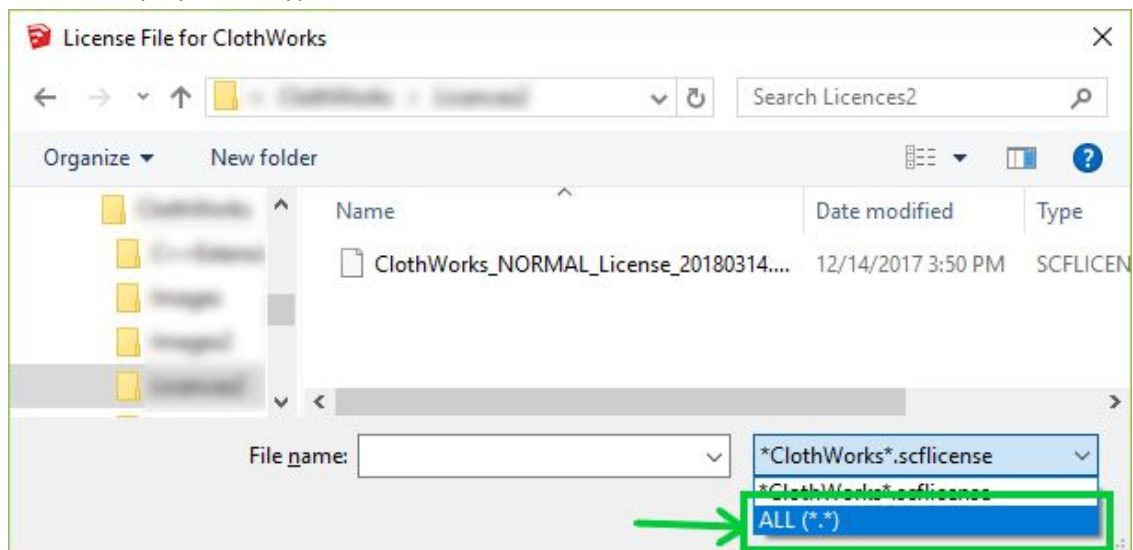
This will open the *SCFLicense* dialog box:



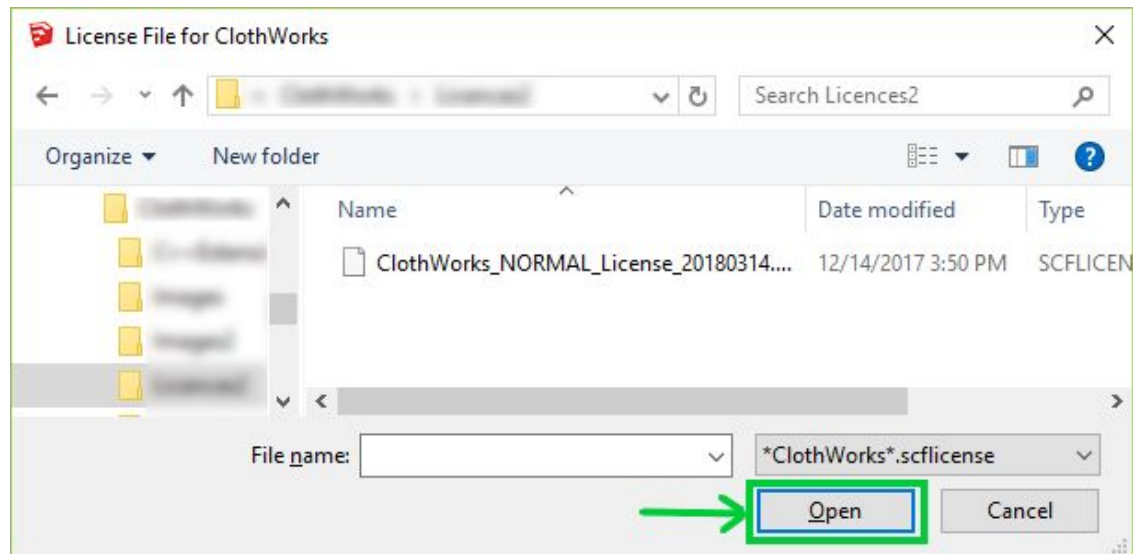
5. Click on the *Validate License* button. This will open a popup window for selecting a file.



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



- Find and select your licensing file, and then click on the *Open* button. This should validate your licence.



- Press the *Done* button and you're all set!



With the licence activated, all features should be unlocked.

## Deactivation

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

## Contact Support

If you are experiencing any licensing issues or need a new copy of your ClothWorks licence, please contact [clothworks@sketchucation.com](mailto:clothworks@sketchucation.com)

Include your *SketchUcation* username in the description.

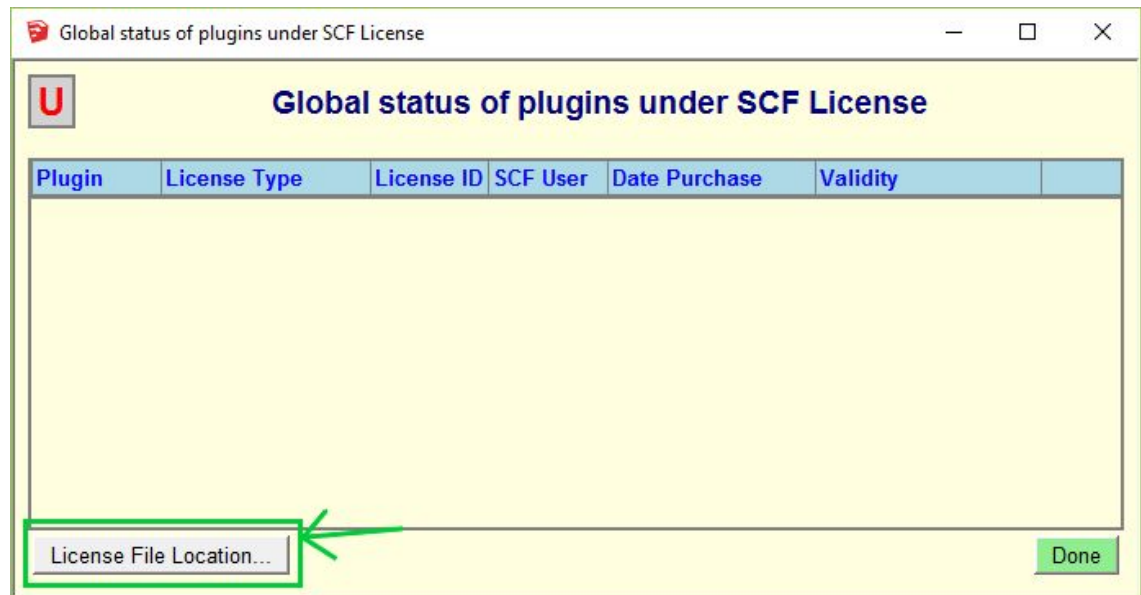
If you get the *ERROR\_AOC* message when activating your licence, please refer to the [Known Issue](#) section.

## Known Issue

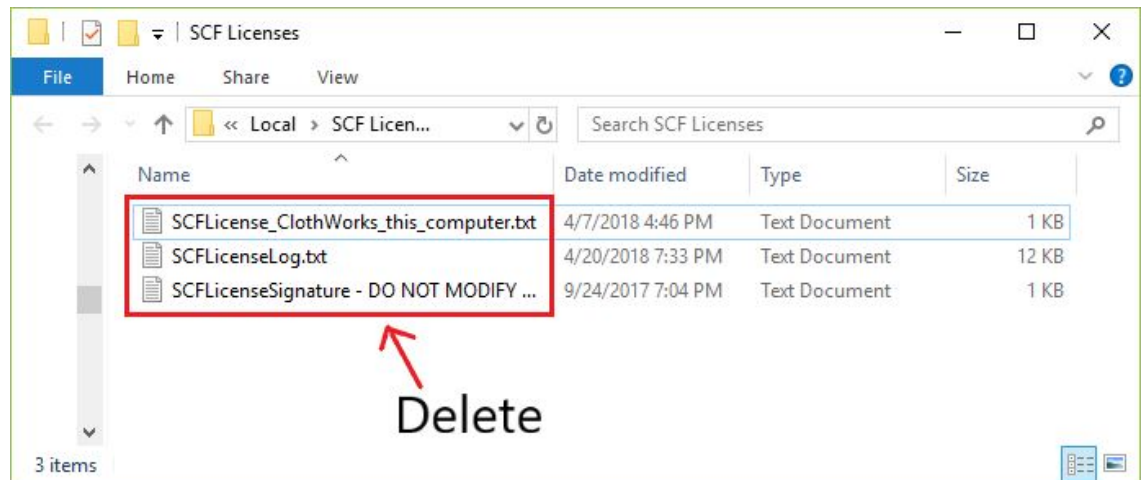
On Mac OS X and on some Windows platforms there is an issue where a licence deactivates and activating again increases the number of seats taken, even though only one computer is used. You may also find yourself getting

the *ERROR\_AOC* message when attempting to activate. If you are experiencing this issue, refer to the following steps to fix it:

1. Send an email to [clothworks@sketchucation.com](mailto:clothworks@sketchucation.com), requesting to reset your licence seat count. Include your SketchUcation username in the description. A response will be made shortly indicating that your licence seat count was reset at the server side. You can continue to the next steps without waiting for a response. You must only wait if you have 3 / 3 seats taken.
2. (Recommended) Ensure that you are using the latest version of SketchUcationTools. Refer to the following steps to update:
  - a. Download the latest version of SketchUcationTools:  
<https://sketchucation.com/resources/plugin-store-download>
  - b. Open SketchUp
  - c. Access **(Menu) Extension Manager**
  - d. Within the extension manager window, click on the *Install Extension* button
  - e. Select the downloaded *pluginstore.rbz* file and click *Open*.
3. If using **Mac OS X**:
  - a. Close SketchUp
  - b. Open **Finder** and from the menu, access **(Menu) Go → Go to Folder...**
  - c. Paste **/Users/YOUR\_NAME/Library/Application Support/SCF Licenses** into the address box, replacing **YOUR\_NAME** with your account user name, and press *OK* to navigate to the folder.
  - d. Delete all the files in the folder.
  - e. Open SketchUp and activate your licence. Refer to the [Activation](#) section for instructions.
4. If using **Windows**:
  - a. Open SketchUp
  - b. Access **(Menu) Extensions → SketchUcation → SCFLicense: Global Status...**
  - c. Click on the *Licence File Location...* button.



- d. Delete all files in the folder.



- e. Restart SketchUp and activate your licence file. Refer to the [Activation](#) section for instructions.