

# General Installation and Upgrade Instructions

## Installation

Please follow the instructions below to install or update agena.ai modeller desktop:

1. Download the appropriate agena.ai modeller installer:

- Windows [64bit](#) or [32bit](#)
- Linux [64bit](#) or [32bit](#)
- [macOS](#)

2. Run the downloaded installer file and follow the installation wizard (choose to allow overwriting files if asked).

3. Activate your license:

- [SUSM License Key](#)
- [Floating License Key](#)

4. For platform-specific installations notes see

- [Installation Notes for Windows](#)
- [Installation Notes for Mac](#)
- [Installation Notes for Linux](#)

## SUSM License Key

### New License

To activate a license, launch Modeller and go to menu "Help" → "Register License", then enter your license key into the text box and click "Activate". Note that Modeller will contact the server to activate your license, so make sure that you are connected to the Internet and a firewall isn't blocking Modeller.

Also note that SUSM licenses are activated for the operating system user running Modeller at the moment of activation. So, if you start Modeller as a different user and activate, that user will hold the license.

You can check your license by going to menu "Help" → "View License".

### Existing License Renewal

If your license is still valid and you had previously activated it on this machine, you do not need to do anything else, and the installation is finished.

### Transfer License

If you need to transfer your license to another machine or to another user on the same machine, you can do it a limited number of times by first releasing it from the currently activated machine or user by going to menu "Help" → "Register License", then clicking "Release". Then your key will be available for activation on another machine.

## Offline Activation

In case you have to run Modeller on an offline machine that has no Internet access, or if a corporate firewall is preventing normal activation, you can use the offline activation procedure:

1. Go to menu "Help" → "Register License" → "Advanced" → "Offline Activation"
2. Enter the license key and click "Generate", which will offer you to save a license activation request to a file
3. Send us this file by email to support@agena.ai
4. We will perform the activation and send you back an activated license as a file
5. Save this file on the machine with Modeller
6. Go to menu "Help" → "Register License" → "Advanced" → "Offline Activation" again
7. Click "Browse" and choose the activated license file

To deactivate an offline license, you will need to click "Release" on the same interface panel, same deactivation confirmation file and email it us.

## Floating License Key

Your organization's floating key will look like

**FLOAT-0A1B3C-BED6E9-D08D7B-76EB1A-C7DAEC-F65A84**

To use a floating key, launch Modeller and go to menu "Help" → "Register License", then enter your license key into the text box and click "Activate". Note that Modeller will regularly contact the server while Modeller is running, so make sure that you are connected to the Internet and a firewall isn't blocking Modeller.

When using a floating key, you lease a license from the key's pool while Modeller is application is running. When you start Modeller the next time, it will remember and try to reacquire a lease from this key.

You can check your license by going to menu "Help" → "View License".

## Installation Notes for Windows

Please note that Modeller installer creates its home folder in the user directory of the operating system user who is running the installer. On some corporate-managed machines, instead of just typing an administrator's password during the installation, the installer may actually be started with a different user by "Run as..." and use their environment (including home folder path).

For example, the regular user account of the member of staff is "John", and the administrator's user is "Admin". A system administrator installs Modeller by starting the installer with "Run as..." and picks the user "Admin". Then, Modeller will create its home folder in C:\Users\Admin\Modeller. In this case, this folder needs to be moved to become C:\Users\John\Modeller with ownership and permissions changed accordingly.

The same applies to license detection. If user "John" activated their license and then asked "Admin" to run it as administrator, the license will not be visible to the user "Admin".

## Installation Notes for Mac

### No Files Visible from Modeller

It is a known issue with MacOS Catalina and newer that some locations on the drive will not be visible or show no files when you try to open a file from Modeller. In order to retain behavior prior to such MacOS Catalina update please do the following:

1. Open System Preferences → Security & Privacy → Privacy → Full Disk Access
2. Click button to unlock settings (padlock icon) and type in username and password
3. Add + and add Modeller by selecting it in Applications/ agena.ai modeller.app

### Installation Directory on Mac

If you want to specify a non-standard installation path, note that you will be specifying the parent directory where " agena.ai modeller.app" directory will be installed into.

For example, you could choose to install into:

```
/Users/user/Applications/
```

where "user" is your username, in which case the full path to the application will be:

```
/Users/user/Applications/ agena.ai modeller.app
```

## Installation Notes for Linux

Note: We recommend using Java 8 for agena.ai modeller (1.8.0\_192 or newer but it may be necessary to use an older version such as 1.8.0\_112 if you run into graphics issues), however newer versions of Java have been reported to work successfully too.

Assuming that your architecture is 64bit and that you downloaded the installer into:

```
$HOME/Downloads/adena.ai_modeller_rev_L_64bit_linux.sh
```

1. Open the console
2. You first need to make the installer runnable by executing command:  

```
chmod a+x $HOME/Downloads/adena.ai_modeller_rev_L_64bit_linux.sh
```
3. Then install with admin privileges  

```
sudo $HOME/Downloads/adena.ai_modeller_rev_L_64bit_linux.sh
```

Make sure to tick the box to overwrite files if asked

Below we assume you have installed Modeller into:

```
/opt/adena.ai\ modeller
```

And created symlinks in:

```
/usr/bin
```

- 3.1. If symlink failed to be created, create it manually:

```
sudo rm /usr/bin/adena.ai\ modeller
```

```
sudo ln -s -T /opt/adena.ai\ modeller/adena.ai\ modeller  
/usr/bin/adena.ai\ modeller
```

4. Move Modeller home folder from /root/ to \$HOME:  

```
sudo cp -rf /root/adena.ai\ modeller $HOME  
sudo rm -rf /root/adena.ai\ modeller  
sudo chown -R $USER:$USER $HOME/adena.ai\ modeller
```
5. Test installation by launching:  

```
adena.ai\ modeller
```
6. To establish file associations (for all users) run the following commands:  

```
cd /usr/share/applications/  
sudo wget https://resources.adena.ai/materials/agenarisk.desktop  
cd /usr/share/icons/hicolor/scalable/mimetypes/
```

```
sudo wget https://resources.adena.ai/basic/agenarisk.svg -O  
"application-agenarisk.svg"
```

```
cd /usr/share/mime/packages/  
sudo wget https://resources.adena.ai/materials/ast.xml  
sudo wget https://resources.adena.ai/materials/cmp.xml  
sudo wget https://resources.adena.ai/materials/astx.xml  
sudo wget https://resources.adena.ai/materials/cmpx.xml  
sudo update-mime-database /usr/share/mime/  
sudo gtk-update-icon-cache /usr/share/icons/hicolor/
```

7. (Ubuntu Desktop) To ensure that double-clicking AST or CMP files opens them with Modeller, you can right click one of them, choose "Properties", then go to tab "Open With", find agena.ai modeller and press "Set as default". Then press CTRL+R in your file browser to refresh it.

(Optional) To undo these changes, run the following commands:

```
sudo rm /usr/share/mime/packages/ast.xml
sudo rm /usr/share/mime/packages/cmp.xml
sudo rm /usr/share/mime/packages/astx.xml
sudo rm /usr/share/mime/packages/cmpx.xml
sudo rm /usr/share/icons/hicolor/scalable/mimetypes/application-
agenarisk.svg
sudo rm /usr/share/applications/agenarisk.desktop
sudo update-mime-database /usr/share/mime/
sudo gtk-update-icon-cache /usr/share/icons/hicolor/
```

8. For activation, see [point 3](#).

Last updated: 2023.09.21