

# PyMOL Installation

The installation procedures for PyMOL are different for Linux and macOS.

## Linux

The easiest way is to use your distribution package manager.

```
$ sudo apt install pymol
```

*Note:* PyMOL version varies according to your distribution version.

Or, you can install PyMOL through Anaconda package management system.

## PyMOL 1.8

An open source version of PyMOL 1.8 is available from Anaconda. However, a conda environment must have python 2 installed.

Follow these steps:

1. Create a new environment and activate it:

```
$ conda create --name pymol1.8 python=2.7  
$ conda activate pymol1.8
```

2. Install PyMOL 1.8 via Anaconda Cloud:

```
$ conda install -c mw pymol
```

3. Try PyMOL 1.8:

```
$ pymol
```

## PyMOL 2

A version of PyMOL 2 is available from Anaconda. However, a conda environment must have python 3 installed.

Follow these steps:

1. Create a new environment and activate it:

```
$ conda create --name pymol2 python=3.7  
$ conda activate pymol2
```

2. Install PyMOL 2 via Anaconda Cloud:

```
$ conda install -c schrodinger pymol
```

3. Try PyMOL 2:

```
$ pymol
```

## macOS

In macOS, PyMOL requires XQuartz installation.

Install Xquartz via *Homebrew*.

```
$ brew cask install xquartz
```

Or,

An XQuartz installer is provided [here](#).

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```
$ conda install -c mw pymol
```

3. Try PyMOL 1.8:

```
$ pymol
```

## PyMOL 2

A version of PyMOL 2 is available from Anaconda. However, a conda environment must have python 3 installed.

Follow these steps:

1. Create a new environment and activate it:

```
$ conda create --name pymol2 python=3.7
$ conda activate pymol2
```

2. Install PyMOL 2 via Anaconda Cloud:

```
$ conda install -c schrodinger pymol
```

3. Try PyMOL 2:

```
$ pymol
```

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If the options above does not work, you can try an installation via *Homebrew* package manager. A brief description of how to install open source PyMOL for macOS is provided [here](#).