

## PyMOL Plug-in Installation Guide

PyMOL is required if you wish to use parKVFinder with a graphical user interface (*parKVFinder PyMOL Tools*). If necessary, refer to this guide for installing PyMOL on Linux and macOS.

*parKVFinder PyMOL Tools* is available to use parKVFinder with PyMOL v1.8 and v2.

However, plug-in requires the installation of toml and future modules and native python do not have them installed. So you need to install them:

```
# PyMOL v1.8 (python 2)
$ pip install toml future
# PyMOL v2 (python 3)
$ pip3 install toml future
# In an conda environment via Anaconda Cloud
$ conda install -c conda-forge toml future
```

*Note:* pip or Anaconda package management system installation is required.

Then, to install the *parKVFinder PyMOL Tools* on PyMOL, follow these steps:

1. Open PyMOL.
  2. Go to **Plugin** menu → **Plugin Manager**.
  3. The **Plugin Manager** window will open, go to the **Install New Plugin** tab.
  4. Under **Install from local file** Group, click **Choose file...**
  5. The **Install Plugin** window will open, go to the **tools** directory at **parKVFinder** directory and select **parKVFinder\_PyMOL\_tools.py**.
  6. The **Select plugin directory** window will open, select **/home/<user>/.pymol/startup** and click **OK**.
  7. The **Confirm** window will open, click **OK**.
  8. The **Sucess** window will appear, confirming that the plug-in has been installed.
  9. Restart PyMOL.
  10. *parKVFinder PyMOL Tools* is ready to use.
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