

## parKVFinder Installation Guide

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### Download parKVFinder source code

Get the latest parKVFinder release from [here](#).

On the terminal, go to the directory containing *parKVFinder.zip* file.

```
$ unzip parKVFinder.zip
$ cd parKVFinder
```

Or, clone the *parKVFinder* repository into a new directory using *git*.

```
$ git clone https://github.com/LBC-LNBio/parKVFinder.git
$ cd parKVFinder
```

On the terminal, go to the directory containing **KVFinder\_linux\_distribution.tar.gz**. Then, follow these steps:

- 1) Untar *KVFinder\_linux\_distribution.tar.gz*.

```
$ tar -zxvf KVFinder_linux_distribution.tar.gz
```

- 2) Change working directory to KVFinder\_linux folder (Note: folder will show after decompression)\*.

```
$ cd KVFinder_linux
```

- 3) Export *KVFinder\_PATH* variable and add to *~/.bashrc* file.

```
$ export KVFinder_PATH=`pwd`
$ echo "export KVFinder_PATH=`pwd`" >> ~/.bashrc
```

- 4) Recompile KVFinder.

```
$ make clean
$ make
```

### PyMOL v1.8 Plug-in installation

A graphical interface is available to use KVFinder alongside PyMOL v1.8. To install the plug-in, follow these steps:

- 1) Open PyMOL v1.8
- 2) Go to **Plugin** menu → **Plugin Manager**.
- 3) **Plugin Manager** window will open, go to **Install New Plugin** tab.
- 4) Under **Install from local file** Group, click in **Choose file...**
- 5) **Install Plugin** window will open, go to **KVFinder\_linux** directory and select **kvfinder\_pymolplugin\_linux.py**.
- 6) **Select plugin directory** window will open, select **/home/<user>/pymol/startup** and click **OK**.
- 7) **Confirm** window will open, click **OK**.
- 8) **Sucess** window will appear confirming that the plugin has been installed.
- 9) Restart PyMOL v1.8.
- 10) KVFinder plugin is ready to use.