parKVFinder Installation Guide

Follow these steps to install parKVFinder software on Linux or macOS.

1. 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
```

2. Export *KVFinder_PATH* variable and add to *~/.bashrc* file or similar configuration file.

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

3. Compile parKVFinder from source.

```
$ 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.