

# 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. Compile parKVFinder from source.

parKVFinder supports GCC (GNU Compiler Collection) versions later than 6. If necessary, refer to this guide for installing GCC versions later than 6 on Linux and macOS.

```
$ make
```

3. Create a symbolic link to run parKVFinder consistently.

```
$ make link
```

*Note:* **make link** create a soft symbolic link for parKVFinder in your `/usr/local/bin` directory, using the following command `sudo ln -s `pwd`/parKVFinder /usr/local/bin/parKVFinder`.

4. Export *KVFinder\_PATH* variable and add to `~/.bashrc` file or similar configuration file.

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

*Note:* Depending on the operating system, other configuration files are used instead of `~/.bashrc`. For example, in macOS `~/.bash_profile` are used.