# Contributing to Ranger

## Tips for bug reports

\* Was this issue already reported? Please do a quick search.

\* Maybe the problem is solved in the current master branch already?

Simply clone ranger with `git clone https://github.com/ranger/ranger` or

download the git version via https://github.com/ranger/ranger/archive/master.zip

and run `./ranger.py` directly to find out.

\* You can obtain much better error messages with `ranger --debug`, please post

those in bug reports rather than the usual, single-line error message. Also

check the log by using the default map `W` or by running the command `display\_log`.

\* Send security-relevant bugs PGP-encrypted to hut@hut.pm, see `HACKING.md`.

## Tips on patching

\* See `HACKING.md`

Thank you!