

User Software :: CR-Tools :: Stable Releases

This page contains snapshots of the USG-source tree which contain or allow to build the [CR-Tools](#) with a minimum of fuss.

22. March 2009

[CR-Tools-LinuxStable-090322.tgz](#)

This has been tested on OpenSUSE 11.1 both 32bit and 64bit versions. The CR-GUI does not work on the 64bit version.

OpenSUSE 10.3/11.1

The detailed steps are:

1. Install the required software:
 1. If you installed it from DVD, make sure that also the "Main OSS" software repository is added in yast, as some packages are not on the DVD.
 2. Install the following packages via yast:
 - Select "Patterns" and install the following:
 - C/C++ Development
 - Python Development
 - Tcl/Tk Development
 - Select "Search" and install the following packages:
 - gcc-fortran
 - lapack
 - python-devel
 - fftw3-devel
 - gsl-devel
 - libqt4-devel
 - libqt4-devel-doc
 3. As root: go to /usr/lib and make a symlink from libgfortran.so to libgfortran.so.2.0.0:

```
cd /usr/lib; ln -s libgfortran.so.?.0.0 libgfortran.so
```

(Adjust this to the exact name of the installed libgfortran.)

2. Download [CR-Tools-LinuxStable-090322.tgz](#) and unpack it.
3. Add the .../usg/release/bin directory to your path (e.g. with bash):

```
echo "export LOFARSOFT=<your path>" >> ~/.bashrc
echo ". $LOFARSOFT/devel_common/scripts/init.sh" >> ~/.bashrc
```

4. Build the stuff:

```
cd <LOFARSOFT>/usg/build; ./bootstrap; make cr
```

You now should have the C++ programmes working!

5. If you want to have the GUI (32bit only) you need to activate the support for it:

1. `cd <LOFARSOFT>/usg/build; make edit_cache`

and set CR_WITH_GUI to ON, leave with **[c]**onfigure and **[g]**enerate

2. `cd <LOFARSOFT>/usg/build/cr; make edit_cache`

and set CR_WITH_GUI to ON, , leave with **[c]**onfigure, **[c]**onfigure and **[g]**enerate

3. `cd <LOFARSOFT>/usg/build/; make mathgl`

4. `cd <LOFARSOFT>/usg/build/mathgl/mathgl; make edit_cache`

and set enable-python to ON, , leave with **[c]**onfigure and **[g]**enerate

5. `cd <LOFARSOFT>/usg/build/mathgl/mathgl; make install`

6. `cd <LOFARSOFT>/usg/build/; make cr`

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