

Help and Documentation

Bo Sundman, August 25, 2019

After a successful installation (do not forget the popup help!) you can find further information how to use OC below:

- In the “documentation/” directory there are several PDF files with different kinds of information in addition to the installation guides.

The *Getting-started.pdf* file shows how to operate the program. Also look at the *OC-macro.pdf* documentation which describes several macro files which you have the directory “macros/”. These are useful to test the software and gives some ideas how to use it. There is also several *news-OCi.pdf* for a summary of the features added to OC.

The documentation of the source code is also in this directory *gtp3.pdf* for the model package and *hms3.pdf* for the minimizer. The other software documentation, *smp2.pdf* for the step/map/plot routines, *assess.pdf* for the assessment module and *ocasi.pdf* for the application software interface are very preliminary.

- In the manual directory there is a preliminary User Guide in three formats *ochelp.tex*, *ochelp.pdf* and *ochelp.html*. The *ochelp.html* you should copy to your OCHOME directort for online help. The user guide is still very primitive as commands are still changing or not yet implemented.
- The source code is in the directories “minimizer/”, “models/”, “numlib/”, “stepmapplot/”, “userif/” and “utilities/”.
- The TQ4lib directory has a few examples for using the software interface for Fortran and C/C++. An attempt to implement isoC binding to C++ has been made.
- Contributions of new and improved source code are welcome. You can do this using the github repository. Contact Bo Sundman if you want to know more.
- the command line interface has a “VAX/VMS” flavor which reflects the age of the developer. It means the commands are “verbs” like **set**, **list**, **calculate**, **enter** etc. After the verb several objects are usually possible like **condition** or **status** etc.

Each command and subcommand can be abbreviated, usually 3 characters are sufficient.

If you want a graphical user interface you are welcome to develop it.

You are welcome to help providing a better installation and user guides also!

Have fun and help make OC useful!