Z88®
The compact Finite Elements System

Hints for the open source version 14:

The directory Z88V14OS features these subdirectories:

/BIN

- /GTK4Z88: GTK2 runtime for Mac OS X
- /MAC: Executables for Mac OS X "Snow Leopard"
- /UNIX32: Executables for LINUX 32-Bit (openSUSE 12.1,Ubuntu 9.04)
- /UNIX64: Executables for LINUX 64-Bit (openSUSE 12.1,Ubuntu 9.04)
- /WIN32: Executables for Windows XP ~ Windows 7, 32-Bit
- /WIN64: Executables for Windows Vista ~ Windows 7, 64-Bit

Note: The LINUX executables may run also under newer versions and distributions, otherwise, compile the sources, see /MAKE.

/DOCU

PDF manuals in German and English, either.

/EXAMPLES

the examples of the manual.

/MAKE

- /MAKE_MAC: Makefiles for Mac: *make –f file*
- /MAKE_UNIX_32: Makefiles for 32-Bit Linux : *make –f file*
- /MAKE_UNIX_64: Makefiles for 64-Bit Linux : *make –f file*
- /MAKE_WIN_32: Makefiles for 32-Bit Windows : *nmake –f file*
- /MAKE_WIN_64: Makefiles for 64-Bit Windows : *nmake –f file*

Details see manual in /DOCU.

/PERL

contains some Perl scripts which may be helpful for your work with Z88. Perl is always installed on LINUX and Snow Leopard. Windows user may load Perl from www.perl.org. Install Strawberry-Perl or ActiveState-Perl, either. This is a one-click-installation without any problems.

- Z88VRY.PL: A file checker for Z88 input files Z88I1.TXT, Z88I2.TXT, Z88I5.TXT etc. - good for error detecting. For Windows and UNIX.
- Z88ASY.PL: convert ANSYS PREP7 files into Z88 input files. For Windows and UNIX.
- W88D2U.PL: convert Z88 files from Windows into UNIX format – Windows version.

U88D2U.PL: convert Z88 files from Windows into UNIX format – UNIX version.
W88U2D.PL: convert Z88 files from UNIX into Windows format – Windows version.
U88U2D.PL: convert Z88 files from UNIX into Windows format – UNIX version.
Run them as follows: **perl file.pl** - the manual in /DOCU has more.

/SRC – the program sources for Windows and UNIX
- /Z88COM: the Z88 commander
- /Z88G: the 3D converter for NASTRAN- and COSMOS files
- /Z88H: the Cuthill-McKee converter
- /Z88N: the Mapped Mesher
- /Z88O: the plot program
- /Z88R: the linear solver
- /Z88X: the DXF converter

See our Internet page www.z88.de or www.z88.org for updates and error corrections.

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