Z88®
The compact Finite Elements System

Hints for the open source version 15:

The directory Z88V15OS features these subdirectories:

/BIN
- /MAC: Executables for Mac OS X "Sierra"
- /UNIX64:   Executables for LINUX 64-Bit (openSUSE 13.1,Ubuntu 16.04)
- /WIN32:   Executables for Windows XP ~ Windows 10, 32-Bit
- /WIN64:   Executables for Windows Vista ~ Windows 10, 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. Find further examples in our book:
Rieg,F.; Hackenschmidt, R., Alber-Laukant, B.: Finite Element Analysis for Engineers.
Carl Hanser Verlag, München Wien 2014. ISBN 978-1-56990-487-9,
www.hanserpublications.com

/MAKE
- /MAKE_MAC: Makefiles for Mac: *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 some MacOS versions. Windows and MacOS users 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, MacOS and LINUX/UNIX.

Z88ASY.PL: convert ANSYS PREP7 files into Z88 input files. For Windows, MacOS and LINUX/UNIX..

W88D2U.PL: convert Z88 files from Windows into UNIX format – Windows version.

U88D2U.PL: convert Z88 files from Windows into UNIX format – MacOS and LINUX/UNIX version.

W88U2D.PL: convert Z88 files from UNIX into Windows format – Windows version.

U88U2D.PL: convert Z88 files from UNIX into Windows format – MacOS and LINUX/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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