

**NAME**

fachwerk3d – Calculates spatial strut-and-tie models used by structural engineers.

**SYNOPSIS**

**fachwerk3d** [*Option*]... [*File*]...

**DESCRIPTION**

Calculates spatial strut-and-tie models used by structural engineers for analysing and designing reinforced concrete structures. The program only uses equilibrium conditions, thus it does not assume elastic material behaviour.

**Options**

**-h, --help**

print help message, then exit

**-V, --version**

print the version, then exit

**-l, --language**

Language i.e. **de**, **en**, **fr**. Default is the system language. If not available English is used.

**--language\_country**

Language and country i.e. **de CH**, **en GB**

**--look** LookAndFeel: **Java|System|Steel|Ocean|undef** or e.g. **com.sun.java.swing.plaf.gtk.GTK-LookAndFeel**

**Examples**

Start **fachwerk3d** using one of the following commands

*fachwerk3d*

starts fachwerk3d

*fachwerk3d file.fwk3d*

opens the file file.fwk3d

*fachwerk3d -l en*

starts fachwerk3d using English user interface

*fachwerk3d -l fr file.fwk3d*

opens the file file.fwk3d and uses French user interface

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**REPORTING BUGS**

Report bugs to <qwert2003@users.sourceforge.net>.

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**SEE ALSO**

The documentation for **fachwerk3d**, example files and the source code can be found in the directory */usr/share/doc/packages/fachwerk3d/*

Internet: [http://fachwerk.sourceforge.net/index3D\\_en.html](http://fachwerk.sourceforge.net/index3D_en.html)