

NAME

Doxygen – documentation system for various programming languages

DESCRIPTION

Doxygen is a documentation system for C++, C, Java, Objective-C, IDL (CORBA and Microsoft flavors), Fortran, Python, VHDL and to some extent PHP, C#, and D.

You can use Doxygen in several ways:

- 1) Generate a template configuration file*:

```
doxygen [-s] -g [configName]
```

- 2) Update an existing configuration file*:

```
doxygen [-s] -u [configName]
```

- 3) Generate documentation using an existing configuration file*:

```
doxygen [configName]
```

- 4) Generate a template file that controls the layout of the generated documentation:

```
doxygen -l [layoutFileName]
```

If layoutFileName is omitted, DoxygenLayout.xml will be used as the filename.

If - is used for layoutFileName, Doxygen writes to standard output.

- 5) Generate a template style sheet file for RTF, HTML or LaTeX:

RTF: `doxygen -w rtf styleSheetFile`

HTML: `doxygen -w html headerFile footerFile styleSheetFile [configFile]`

LaTeX: `doxygen -w latex headerFile footerFile styleSheetFile [configFile]`

- 6) Generate an RTF extensions file:

RTF: `doxygen -e rtf extensionsFile`

If - is used for extensionsFile Doxygen will write to standard output.

- 7) Compare the used configuration file with the template configuration file:

```
doxygen -x [configFile]
```

Compare the used configuration file with the template configuration file

without replacing the environment variables or CMake type replacement variables:

```
doxygen -x_noenv [configFile]
```

- 8) Show a list of built-in emojis.

```
doxygen -f emoji outputFileName
```

If - is used for outputFileName Doxygen will write to standard output.

*) If `-s` is specified, the comments of the configuration items in the config file will be omitted.

If configName is omitted, 'Doxyfile' will be used by default.

If - is used for configFile, Doxygen will write / read the configuration to / from standard output / input.

If `-q` is used for a Doxygen documentation run, Doxygen will see this as if QUIET=YES has been set.

`-v` print version string, `-V` print extended version information

`-h,-?` prints usage help information

`doxygen -d` prints additional usage flags for debugging purposes

AUTHOR

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SEE ALSO

doxywizard(1).