|  |
| --- |
| # Doxyfile 1.8.17 |
|  |  |
|  | # This file describes the settings to be used by the documentation system |
|  | # doxygen (www.doxygen.org) for a project. |
|  | # |
|  | # All text after a double hash (##) is considered a comment and is placed in |
|  | # front of the TAG it is preceding. |
|  | # |
|  | # All text after a single hash (#) is considered a comment and will be ignored. |
|  | # The format is: |
|  | # TAG = value [value, ...] |
|  | # For lists, items can also be appended using: |
|  | # TAG += value [value, ...] |
|  | # Values that contain spaces should be placed between quotes (\" \"). |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Project related configuration options |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # This tag specifies the encoding used for all characters in the configuration |
|  | # file that follow. The default is UTF-8 which is also the encoding used for all |
|  | # text before the first occurrence of this tag. Doxygen uses libiconv (or the |
|  | # iconv built into libc) for the transcoding. See |
|  | # https://www.gnu.org/software/libiconv/ for the list of possible encodings. |
|  | # The default value is: UTF-8. |
|  |  |
|  | DOXYFILE\_ENCODING = UTF-8 |
|  |  |
|  | # The PROJECT\_NAME tag is a single word (or a sequence of words surrounded by |
|  | # double-quotes, unless you are using Doxywizard) that should identify the |
|  | # project for which the documentation is generated. This name is used in the |
|  | # title of most generated pages and in a few other places. |
|  | # The default value is: My Project. |
|  |  |
|  | PROJECT\_NAME = "My Project" |
|  |  |
|  | # The PROJECT\_NUMBER tag can be used to enter a project or revision number. This |
|  | # could be handy for archiving the generated documentation or if some version |
|  | # control system is used. |
|  |  |
|  | PROJECT\_NUMBER = |
|  |  |
|  | # Using the PROJECT\_BRIEF tag one can provide an optional one line description |
|  | # for a project that appears at the top of each page and should give viewer a |
|  | # quick idea about the purpose of the project. Keep the description short. |
|  |  |
|  | PROJECT\_BRIEF = |
|  |  |
|  | # With the PROJECT\_LOGO tag one can specify a logo or an icon that is included |
|  | # in the documentation. The maximum height of the logo should not exceed 55 |
|  | # pixels and the maximum width should not exceed 200 pixels. Doxygen will copy |
|  | # the logo to the output directory. |
|  |  |
|  | PROJECT\_LOGO = |
|  |  |
|  | # The OUTPUT\_DIRECTORY tag is used to specify the (relative or absolute) path |
|  | # into which the generated documentation will be written. If a relative path is |
|  | # entered, it will be relative to the location where doxygen was started. If |
|  | # left blank the current directory will be used. |
|  |  |
|  | OUTPUT\_DIRECTORY = |
|  |  |
|  | # If the CREATE\_SUBDIRS tag is set to YES then doxygen will create 4096 sub- |
|  | # directories (in 2 levels) under the output directory of each output format and |
|  | # will distribute the generated files over these directories. Enabling this |
|  | # option can be useful when feeding doxygen a huge amount of source files, where |
|  | # putting all generated files in the same directory would otherwise causes |
|  | # performance problems for the file system. |
|  | # The default value is: NO. |
|  |  |
|  | CREATE\_SUBDIRS = NO |
|  |  |
|  | # If the ALLOW\_UNICODE\_NAMES tag is set to YES, doxygen will allow non-ASCII |
|  | # characters to appear in the names of generated files. If set to NO, non-ASCII |
|  | # characters will be escaped, for example \_xE3\_x81\_x84 will be used for Unicode |
|  | # U+3044. |
|  | # The default value is: NO. |
|  |  |
|  | ALLOW\_UNICODE\_NAMES = NO |
|  |  |
|  | # The OUTPUT\_LANGUAGE tag is used to specify the language in which all |
|  | # documentation generated by doxygen is written. Doxygen will use this |
|  | # information to generate all constant output in the proper language. |
|  | # Possible values are: Afrikaans, Arabic, Armenian, Brazilian, Catalan, Chinese, |
|  | # Chinese-Traditional, Croatian, Czech, Danish, Dutch, English (United States), |
|  | # Esperanto, Farsi (Persian), Finnish, French, German, Greek, Hungarian, |
|  | # Indonesian, Italian, Japanese, Japanese-en (Japanese with English messages), |
|  | # Korean, Korean-en (Korean with English messages), Latvian, Lithuanian, |
|  | # Macedonian, Norwegian, Persian (Farsi), Polish, Portuguese, Romanian, Russian, |
|  | # Serbian, Serbian-Cyrillic, Slovak, Slovene, Spanish, Swedish, Turkish, |
|  | # Ukrainian and Vietnamese. |
|  | # The default value is: English. |
|  |  |
|  | OUTPUT\_LANGUAGE = English |
|  |  |
|  | # The OUTPUT\_TEXT\_DIRECTION tag is used to specify the direction in which all |
|  | # documentation generated by doxygen is written. Doxygen will use this |
|  | # information to generate all generated output in the proper direction. |
|  | # Possible values are: None, LTR, RTL and Context. |
|  | # The default value is: None. |
|  |  |
|  | OUTPUT\_TEXT\_DIRECTION = None |
|  |  |
|  | # If the BRIEF\_MEMBER\_DESC tag is set to YES, doxygen will include brief member |
|  | # descriptions after the members that are listed in the file and class |
|  | # documentation (similar to Javadoc). Set to NO to disable this. |
|  | # The default value is: YES. |
|  |  |
|  | BRIEF\_MEMBER\_DESC = YES |
|  |  |
|  | # If the REPEAT\_BRIEF tag is set to YES, doxygen will prepend the brief |
|  | # description of a member or function before the detailed description |
|  | # |
|  | # Note: If both HIDE\_UNDOC\_MEMBERS and BRIEF\_MEMBER\_DESC are set to NO, the |
|  | # brief descriptions will be completely suppressed. |
|  | # The default value is: YES. |
|  |  |
|  | REPEAT\_BRIEF = YES |
|  |  |
|  | # This tag implements a quasi-intelligent brief description abbreviator that is |
|  | # used to form the text in various listings. Each string in this list, if found |
|  | # as the leading text of the brief description, will be stripped from the text |
|  | # and the result, after processing the whole list, is used as the annotated |
|  | # text. Otherwise, the brief description is used as-is. If left blank, the |
|  | # following values are used ($name is automatically replaced with the name of |
|  | # the entity):The $name class, The $name widget, The $name file, is, provides, |
|  | # specifies, contains, represents, a, an and the. |
|  |  |
|  | ABBREVIATE\_BRIEF = "The $name class" \ |
|  | "The $name widget" \ |
|  | "The $name file" \ |
|  | is \ |
|  | provides \ |
|  | specifies \ |
|  | contains \ |
|  | represents \ |
|  | a \ |
|  | an \ |
|  | the |
|  |  |
|  | # If the ALWAYS\_DETAILED\_SEC and REPEAT\_BRIEF tags are both set to YES then |
|  | # doxygen will generate a detailed section even if there is only a brief |
|  | # description. |
|  | # The default value is: NO. |
|  |  |
|  | ALWAYS\_DETAILED\_SEC = NO |
|  |  |
|  | # If the INLINE\_INHERITED\_MEMB tag is set to YES, doxygen will show all |
|  | # inherited members of a class in the documentation of that class as if those |
|  | # members were ordinary class members. Constructors, destructors and assignment |
|  | # operators of the base classes will not be shown. |
|  | # The default value is: NO. |
|  |  |
|  | INLINE\_INHERITED\_MEMB = NO |
|  |  |
|  | # If the FULL\_PATH\_NAMES tag is set to YES, doxygen will prepend the full path |
|  | # before files name in the file list and in the header files. If set to NO the |
|  | # shortest path that makes the file name unique will be used |
|  | # The default value is: YES. |
|  |  |
|  | FULL\_PATH\_NAMES = YES |
|  |  |
|  | # The STRIP\_FROM\_PATH tag can be used to strip a user-defined part of the path. |
|  | # Stripping is only done if one of the specified strings matches the left-hand |
|  | # part of the path. The tag can be used to show relative paths in the file list. |
|  | # If left blank the directory from which doxygen is run is used as the path to |
|  | # strip. |
|  | # |
|  | # Note that you can specify absolute paths here, but also relative paths, which |
|  | # will be relative from the directory where doxygen is started. |
|  | # This tag requires that the tag FULL\_PATH\_NAMES is set to YES. |
|  |  |
|  | STRIP\_FROM\_PATH = |
|  |  |
|  | # The STRIP\_FROM\_INC\_PATH tag can be used to strip a user-defined part of the |
|  | # path mentioned in the documentation of a class, which tells the reader which |
|  | # header file to include in order to use a class. If left blank only the name of |
|  | # the header file containing the class definition is used. Otherwise one should |
|  | # specify the list of include paths that are normally passed to the compiler |
|  | # using the -I flag. |
|  |  |
|  | STRIP\_FROM\_INC\_PATH = |
|  |  |
|  | # If the SHORT\_NAMES tag is set to YES, doxygen will generate much shorter (but |
|  | # less readable) file names. This can be useful is your file systems doesn't |
|  | # support long names like on DOS, Mac, or CD-ROM. |
|  | # The default value is: NO. |
|  |  |
|  | SHORT\_NAMES = NO |
|  |  |
|  | # If the JAVADOC\_AUTOBRIEF tag is set to YES then doxygen will interpret the |
|  | # first line (until the first dot) of a Javadoc-style comment as the brief |
|  | # description. If set to NO, the Javadoc-style will behave just like regular Qt- |
|  | # style comments (thus requiring an explicit @brief command for a brief |
|  | # description.) |
|  | # The default value is: NO. |
|  |  |
|  | JAVADOC\_AUTOBRIEF = NO |
|  |  |
|  | # If the JAVADOC\_BANNER tag is set to YES then doxygen will interpret a line |
|  | # such as |
|  | # /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |
|  | # as being the beginning of a Javadoc-style comment "banner". If set to NO, the |
|  | # Javadoc-style will behave just like regular comments and it will not be |
|  | # interpreted by doxygen. |
|  | # The default value is: NO. |
|  |  |
|  | JAVADOC\_BANNER = NO |
|  |  |
|  | # If the QT\_AUTOBRIEF tag is set to YES then doxygen will interpret the first |
|  | # line (until the first dot) of a Qt-style comment as the brief description. If |
|  | # set to NO, the Qt-style will behave just like regular Qt-style comments (thus |
|  | # requiring an explicit \brief command for a brief description.) |
|  | # The default value is: NO. |
|  |  |
|  | QT\_AUTOBRIEF = NO |
|  |  |
|  | # The MULTILINE\_CPP\_IS\_BRIEF tag can be set to YES to make doxygen treat a |
|  | # multi-line C++ special comment block (i.e. a block of //! or /// comments) as |
|  | # a brief description. This used to be the default behavior. The new default is |
|  | # to treat a multi-line C++ comment block as a detailed description. Set this |
|  | # tag to YES if you prefer the old behavior instead. |
|  | # |
|  | # Note that setting this tag to YES also means that rational rose comments are |
|  | # not recognized any more. |
|  | # The default value is: NO. |
|  |  |
|  | MULTILINE\_CPP\_IS\_BRIEF = NO |
|  |  |
|  | # If the INHERIT\_DOCS tag is set to YES then an undocumented member inherits the |
|  | # documentation from any documented member that it re-implements. |
|  | # The default value is: YES. |
|  |  |
|  | INHERIT\_DOCS = YES |
|  |  |
|  | # If the SEPARATE\_MEMBER\_PAGES tag is set to YES then doxygen will produce a new |
|  | # page for each member. If set to NO, the documentation of a member will be part |
|  | # of the file/class/namespace that contains it. |
|  | # The default value is: NO. |
|  |  |
|  | SEPARATE\_MEMBER\_PAGES = NO |
|  |  |
|  | # The TAB\_SIZE tag can be used to set the number of spaces in a tab. Doxygen |
|  | # uses this value to replace tabs by spaces in code fragments. |
|  | # Minimum value: 1, maximum value: 16, default value: 4. |
|  |  |
|  | TAB\_SIZE = 4 |
|  |  |
|  | # This tag can be used to specify a number of aliases that act as commands in |
|  | # the documentation. An alias has the form: |
|  | # name=value |
|  | # For example adding |
|  | # "sideeffect=@par Side Effects:\n" |
|  | # will allow you to put the command \sideeffect (or @sideeffect) in the |
|  | # documentation, which will result in a user-defined paragraph with heading |
|  | # "Side Effects:". You can put \n's in the value part of an alias to insert |
|  | # newlines (in the resulting output). You can put ^^ in the value part of an |
|  | # alias to insert a newline as if a physical newline was in the original file. |
|  | # When you need a literal { or } or , in the value part of an alias you have to |
|  | # escape them by means of a backslash (\), this can lead to conflicts with the |
|  | # commands \{ and \} for these it is advised to use the version @{ and @} or use |
|  | # a double escape (\\{ and \\}) |
|  |  |
|  | ALIASES = |
|  |  |
|  | # This tag can be used to specify a number of word-keyword mappings (TCL only). |
|  | # A mapping has the form "name=value". For example adding "class=itcl::class" |
|  | # will allow you to use the command class in the itcl::class meaning. |
|  |  |
|  | TCL\_SUBST = |
|  |  |
|  | # Set the OPTIMIZE\_OUTPUT\_FOR\_C tag to YES if your project consists of C sources |
|  | # only. Doxygen will then generate output that is more tailored for C. For |
|  | # instance, some of the names that are used will be different. The list of all |
|  | # members will be omitted, etc. |
|  | # The default value is: NO. |
|  |  |
|  | OPTIMIZE\_OUTPUT\_FOR\_C = NO |
|  |  |
|  | # Set the OPTIMIZE\_OUTPUT\_JAVA tag to YES if your project consists of Java or |
|  | # Python sources only. Doxygen will then generate output that is more tailored |
|  | # for that language. For instance, namespaces will be presented as packages, |
|  | # qualified scopes will look different, etc. |
|  | # The default value is: NO. |
|  |  |
|  | OPTIMIZE\_OUTPUT\_JAVA = NO |
|  |  |
|  | # Set the OPTIMIZE\_FOR\_FORTRAN tag to YES if your project consists of Fortran |
|  | # sources. Doxygen will then generate output that is tailored for Fortran. |
|  | # The default value is: NO. |
|  |  |
|  | OPTIMIZE\_FOR\_FORTRAN = NO |
|  |  |
|  | # Set the OPTIMIZE\_OUTPUT\_VHDL tag to YES if your project consists of VHDL |
|  | # sources. Doxygen will then generate output that is tailored for VHDL. |
|  | # The default value is: NO. |
|  |  |
|  | OPTIMIZE\_OUTPUT\_VHDL = NO |
|  |  |
|  | # Set the OPTIMIZE\_OUTPUT\_SLICE tag to YES if your project consists of Slice |
|  | # sources only. Doxygen will then generate output that is more tailored for that |
|  | # language. For instance, namespaces will be presented as modules, types will be |
|  | # separated into more groups, etc. |
|  | # The default value is: NO. |
|  |  |
|  | OPTIMIZE\_OUTPUT\_SLICE = NO |
|  |  |
|  | # Doxygen selects the parser to use depending on the extension of the files it |
|  | # parses. With this tag you can assign which parser to use for a given |
|  | # extension. Doxygen has a built-in mapping, but you can override or extend it |
|  | # using this tag. The format is ext=language, where ext is a file extension, and |
|  | # language is one of the parsers supported by doxygen: IDL, Java, JavaScript, |
|  | # Csharp (C#), C, C++, D, PHP, md (Markdown), Objective-C, Python, Slice, |
|  | # Fortran (fixed format Fortran: FortranFixed, free formatted Fortran: |
|  | # FortranFree, unknown formatted Fortran: Fortran. In the later case the parser |
|  | # tries to guess whether the code is fixed or free formatted code, this is the |
|  | # default for Fortran type files), VHDL, tcl. For instance to make doxygen treat |
|  | # .inc files as Fortran files (default is PHP), and .f files as C (default is |
|  | # Fortran), use: inc=Fortran f=C. |
|  | # |
|  | # Note: For files without extension you can use no\_extension as a placeholder. |
|  | # |
|  | # Note that for custom extensions you also need to set FILE\_PATTERNS otherwise |
|  | # the files are not read by doxygen. |
|  |  |
|  | EXTENSION\_MAPPING = |
|  |  |
|  | # If the MARKDOWN\_SUPPORT tag is enabled then doxygen pre-processes all comments |
|  | # according to the Markdown format, which allows for more readable |
|  | # documentation. See https://daringfireball.net/projects/markdown/ for details. |
|  | # The output of markdown processing is further processed by doxygen, so you can |
|  | # mix doxygen, HTML, and XML commands with Markdown formatting. Disable only in |
|  | # case of backward compatibilities issues. |
|  | # The default value is: YES. |
|  |  |
|  | MARKDOWN\_SUPPORT = YES |
|  |  |
|  | # When the TOC\_INCLUDE\_HEADINGS tag is set to a non-zero value, all headings up |
|  | # to that level are automatically included in the table of contents, even if |
|  | # they do not have an id attribute. |
|  | # Note: This feature currently applies only to Markdown headings. |
|  | # Minimum value: 0, maximum value: 99, default value: 5. |
|  | # This tag requires that the tag MARKDOWN\_SUPPORT is set to YES. |
|  |  |
|  | TOC\_INCLUDE\_HEADINGS = 5 |
|  |  |
|  | # When enabled doxygen tries to link words that correspond to documented |
|  | # classes, or namespaces to their corresponding documentation. Such a link can |
|  | # be prevented in individual cases by putting a % sign in front of the word or |
|  | # globally by setting AUTOLINK\_SUPPORT to NO. |
|  | # The default value is: YES. |
|  |  |
|  | AUTOLINK\_SUPPORT = YES |
|  |  |
|  | # If you use STL classes (i.e. std::string, std::vector, etc.) but do not want |
|  | # to include (a tag file for) the STL sources as input, then you should set this |
|  | # tag to YES in order to let doxygen match functions declarations and |
|  | # definitions whose arguments contain STL classes (e.g. func(std::string); |
|  | # versus func(std::string) {}). This also make the inheritance and collaboration |
|  | # diagrams that involve STL classes more complete and accurate. |
|  | # The default value is: NO. |
|  |  |
|  | BUILTIN\_STL\_SUPPORT = NO |
|  |  |
|  | # If you use Microsoft's C++/CLI language, you should set this option to YES to |
|  | # enable parsing support. |
|  | # The default value is: NO. |
|  |  |
|  | CPP\_CLI\_SUPPORT = NO |
|  |  |
|  | # Set the SIP\_SUPPORT tag to YES if your project consists of sip (see: |
|  | # https://www.riverbankcomputing.com/software/sip/intro) sources only. Doxygen |
|  | # will parse them like normal C++ but will assume all classes use public instead |
|  | # of private inheritance when no explicit protection keyword is present. |
|  | # The default value is: NO. |
|  |  |
|  | SIP\_SUPPORT = NO |
|  |  |
|  | # For Microsoft's IDL there are propget and propput attributes to indicate |
|  | # getter and setter methods for a property. Setting this option to YES will make |
|  | # doxygen to replace the get and set methods by a property in the documentation. |
|  | # This will only work if the methods are indeed getting or setting a simple |
|  | # type. If this is not the case, or you want to show the methods anyway, you |
|  | # should set this option to NO. |
|  | # The default value is: YES. |
|  |  |
|  | IDL\_PROPERTY\_SUPPORT = YES |
|  |  |
|  | # If member grouping is used in the documentation and the DISTRIBUTE\_GROUP\_DOC |
|  | # tag is set to YES then doxygen will reuse the documentation of the first |
|  | # member in the group (if any) for the other members of the group. By default |
|  | # all members of a group must be documented explicitly. |
|  | # The default value is: NO. |
|  |  |
|  | DISTRIBUTE\_GROUP\_DOC = NO |
|  |  |
|  | # If one adds a struct or class to a group and this option is enabled, then also |
|  | # any nested class or struct is added to the same group. By default this option |
|  | # is disabled and one has to add nested compounds explicitly via \ingroup. |
|  | # The default value is: NO. |
|  |  |
|  | GROUP\_NESTED\_COMPOUNDS = NO |
|  |  |
|  | # Set the SUBGROUPING tag to YES to allow class member groups of the same type |
|  | # (for instance a group of public functions) to be put as a subgroup of that |
|  | # type (e.g. under the Public Functions section). Set it to NO to prevent |
|  | # subgrouping. Alternatively, this can be done per class using the |
|  | # \nosubgrouping command. |
|  | # The default value is: YES. |
|  |  |
|  | SUBGROUPING = YES |
|  |  |
|  | # When the INLINE\_GROUPED\_CLASSES tag is set to YES, classes, structs and unions |
|  | # are shown inside the group in which they are included (e.g. using \ingroup) |
|  | # instead of on a separate page (for HTML and Man pages) or section (for LaTeX |
|  | # and RTF). |
|  | # |
|  | # Note that this feature does not work in combination with |
|  | # SEPARATE\_MEMBER\_PAGES. |
|  | # The default value is: NO. |
|  |  |
|  | INLINE\_GROUPED\_CLASSES = NO |
|  |  |
|  | # When the INLINE\_SIMPLE\_STRUCTS tag is set to YES, structs, classes, and unions |
|  | # with only public data fields or simple typedef fields will be shown inline in |
|  | # the documentation of the scope in which they are defined (i.e. file, |
|  | # namespace, or group documentation), provided this scope is documented. If set |
|  | # to NO, structs, classes, and unions are shown on a separate page (for HTML and |
|  | # Man pages) or section (for LaTeX and RTF). |
|  | # The default value is: NO. |
|  |  |
|  | INLINE\_SIMPLE\_STRUCTS = NO |
|  |  |
|  | # When TYPEDEF\_HIDES\_STRUCT tag is enabled, a typedef of a struct, union, or |
|  | # enum is documented as struct, union, or enum with the name of the typedef. So |
|  | # typedef struct TypeS {} TypeT, will appear in the documentation as a struct |
|  | # with name TypeT. When disabled the typedef will appear as a member of a file, |
|  | # namespace, or class. And the struct will be named TypeS. This can typically be |
|  | # useful for C code in case the coding convention dictates that all compound |
|  | # types are typedef'ed and only the typedef is referenced, never the tag name. |
|  | # The default value is: NO. |
|  |  |
|  | TYPEDEF\_HIDES\_STRUCT = NO |
|  |  |
|  | # The size of the symbol lookup cache can be set using LOOKUP\_CACHE\_SIZE. This |
|  | # cache is used to resolve symbols given their name and scope. Since this can be |
|  | # an expensive process and often the same symbol appears multiple times in the |
|  | # code, doxygen keeps a cache of pre-resolved symbols. If the cache is too small |
|  | # doxygen will become slower. If the cache is too large, memory is wasted. The |
|  | # cache size is given by this formula: 2^(16+LOOKUP\_CACHE\_SIZE). The valid range |
|  | # is 0..9, the default is 0, corresponding to a cache size of 2^16=65536 |
|  | # symbols. At the end of a run doxygen will report the cache usage and suggest |
|  | # the optimal cache size from a speed point of view. |
|  | # Minimum value: 0, maximum value: 9, default value: 0. |
|  |  |
|  | LOOKUP\_CACHE\_SIZE = 0 |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Build related configuration options |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the EXTRACT\_ALL tag is set to YES, doxygen will assume all entities in |
|  | # documentation are documented, even if no documentation was available. Private |
|  | # class members and static file members will be hidden unless the |
|  | # EXTRACT\_PRIVATE respectively EXTRACT\_STATIC tags are set to YES. |
|  | # Note: This will also disable the warnings about undocumented members that are |
|  | # normally produced when WARNINGS is set to YES. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_ALL = NO |
|  |  |
|  | # If the EXTRACT\_PRIVATE tag is set to YES, all private members of a class will |
|  | # be included in the documentation. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_PRIVATE = NO |
|  |  |
|  | # If the EXTRACT\_PRIV\_VIRTUAL tag is set to YES, documented private virtual |
|  | # methods of a class will be included in the documentation. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_PRIV\_VIRTUAL = NO |
|  |  |
|  | # If the EXTRACT\_PACKAGE tag is set to YES, all members with package or internal |
|  | # scope will be included in the documentation. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_PACKAGE = NO |
|  |  |
|  | # If the EXTRACT\_STATIC tag is set to YES, all static members of a file will be |
|  | # included in the documentation. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_STATIC = NO |
|  |  |
|  | # If the EXTRACT\_LOCAL\_CLASSES tag is set to YES, classes (and structs) defined |
|  | # locally in source files will be included in the documentation. If set to NO, |
|  | # only classes defined in header files are included. Does not have any effect |
|  | # for Java sources. |
|  | # The default value is: YES. |
|  |  |
|  | EXTRACT\_LOCAL\_CLASSES = YES |
|  |  |
|  | # This flag is only useful for Objective-C code. If set to YES, local methods, |
|  | # which are defined in the implementation section but not in the interface are |
|  | # included in the documentation. If set to NO, only methods in the interface are |
|  | # included. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_LOCAL\_METHODS = NO |
|  |  |
|  | # If this flag is set to YES, the members of anonymous namespaces will be |
|  | # extracted and appear in the documentation as a namespace called |
|  | # 'anonymous\_namespace{file}', where file will be replaced with the base name of |
|  | # the file that contains the anonymous namespace. By default anonymous namespace |
|  | # are hidden. |
|  | # The default value is: NO. |
|  |  |
|  | EXTRACT\_ANON\_NSPACES = NO |
|  |  |
|  | # If the HIDE\_UNDOC\_MEMBERS tag is set to YES, doxygen will hide all |
|  | # undocumented members inside documented classes or files. If set to NO these |
|  | # members will be included in the various overviews, but no documentation |
|  | # section is generated. This option has no effect if EXTRACT\_ALL is enabled. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_UNDOC\_MEMBERS = NO |
|  |  |
|  | # If the HIDE\_UNDOC\_CLASSES tag is set to YES, doxygen will hide all |
|  | # undocumented classes that are normally visible in the class hierarchy. If set |
|  | # to NO, these classes will be included in the various overviews. This option |
|  | # has no effect if EXTRACT\_ALL is enabled. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_UNDOC\_CLASSES = NO |
|  |  |
|  | # If the HIDE\_FRIEND\_COMPOUNDS tag is set to YES, doxygen will hide all friend |
|  | # declarations. If set to NO, these declarations will be included in the |
|  | # documentation. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_FRIEND\_COMPOUNDS = NO |
|  |  |
|  | # If the HIDE\_IN\_BODY\_DOCS tag is set to YES, doxygen will hide any |
|  | # documentation blocks found inside the body of a function. If set to NO, these |
|  | # blocks will be appended to the function's detailed documentation block. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_IN\_BODY\_DOCS = NO |
|  |  |
|  | # The INTERNAL\_DOCS tag determines if documentation that is typed after a |
|  | # \internal command is included. If the tag is set to NO then the documentation |
|  | # will be excluded. Set it to YES to include the internal documentation. |
|  | # The default value is: NO. |
|  |  |
|  | INTERNAL\_DOCS = NO |
|  |  |
|  | # If the CASE\_SENSE\_NAMES tag is set to NO then doxygen will only generate file |
|  | # names in lower-case letters. If set to YES, upper-case letters are also |
|  | # allowed. This is useful if you have classes or files whose names only differ |
|  | # in case and if your file system supports case sensitive file names. Windows |
|  | # (including Cygwin) ands Mac users are advised to set this option to NO. |
|  | # The default value is: system dependent. |
|  |  |
|  | CASE\_SENSE\_NAMES = YES |
|  |  |
|  | # If the HIDE\_SCOPE\_NAMES tag is set to NO then doxygen will show members with |
|  | # their full class and namespace scopes in the documentation. If set to YES, the |
|  | # scope will be hidden. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_SCOPE\_NAMES = NO |
|  |  |
|  | # If the HIDE\_COMPOUND\_REFERENCE tag is set to NO (default) then doxygen will |
|  | # append additional text to a page's title, such as Class Reference. If set to |
|  | # YES the compound reference will be hidden. |
|  | # The default value is: NO. |
|  |  |
|  | HIDE\_COMPOUND\_REFERENCE= NO |
|  |  |
|  | # If the SHOW\_INCLUDE\_FILES tag is set to YES then doxygen will put a list of |
|  | # the files that are included by a file in the documentation of that file. |
|  | # The default value is: YES. |
|  |  |
|  | SHOW\_INCLUDE\_FILES = YES |
|  |  |
|  | # If the SHOW\_GROUPED\_MEMB\_INC tag is set to YES then Doxygen will add for each |
|  | # grouped member an include statement to the documentation, telling the reader |
|  | # which file to include in order to use the member. |
|  | # The default value is: NO. |
|  |  |
|  | SHOW\_GROUPED\_MEMB\_INC = NO |
|  |  |
|  | # If the FORCE\_LOCAL\_INCLUDES tag is set to YES then doxygen will list include |
|  | # files with double quotes in the documentation rather than with sharp brackets. |
|  | # The default value is: NO. |
|  |  |
|  | FORCE\_LOCAL\_INCLUDES = NO |
|  |  |
|  | # If the INLINE\_INFO tag is set to YES then a tag [inline] is inserted in the |
|  | # documentation for inline members. |
|  | # The default value is: YES. |
|  |  |
|  | INLINE\_INFO = YES |
|  |  |
|  | # If the SORT\_MEMBER\_DOCS tag is set to YES then doxygen will sort the |
|  | # (detailed) documentation of file and class members alphabetically by member |
|  | # name. If set to NO, the members will appear in declaration order. |
|  | # The default value is: YES. |
|  |  |
|  | SORT\_MEMBER\_DOCS = YES |
|  |  |
|  | # If the SORT\_BRIEF\_DOCS tag is set to YES then doxygen will sort the brief |
|  | # descriptions of file, namespace and class members alphabetically by member |
|  | # name. If set to NO, the members will appear in declaration order. Note that |
|  | # this will also influence the order of the classes in the class list. |
|  | # The default value is: NO. |
|  |  |
|  | SORT\_BRIEF\_DOCS = NO |
|  |  |
|  | # If the SORT\_MEMBERS\_CTORS\_1ST tag is set to YES then doxygen will sort the |
|  | # (brief and detailed) documentation of class members so that constructors and |
|  | # destructors are listed first. If set to NO the constructors will appear in the |
|  | # respective orders defined by SORT\_BRIEF\_DOCS and SORT\_MEMBER\_DOCS. |
|  | # Note: If SORT\_BRIEF\_DOCS is set to NO this option is ignored for sorting brief |
|  | # member documentation. |
|  | # Note: If SORT\_MEMBER\_DOCS is set to NO this option is ignored for sorting |
|  | # detailed member documentation. |
|  | # The default value is: NO. |
|  |  |
|  | SORT\_MEMBERS\_CTORS\_1ST = NO |
|  |  |
|  | # If the SORT\_GROUP\_NAMES tag is set to YES then doxygen will sort the hierarchy |
|  | # of group names into alphabetical order. If set to NO the group names will |
|  | # appear in their defined order. |
|  | # The default value is: NO. |
|  |  |
|  | SORT\_GROUP\_NAMES = NO |
|  |  |
|  | # If the SORT\_BY\_SCOPE\_NAME tag is set to YES, the class list will be sorted by |
|  | # fully-qualified names, including namespaces. If set to NO, the class list will |
|  | # be sorted only by class name, not including the namespace part. |
|  | # Note: This option is not very useful if HIDE\_SCOPE\_NAMES is set to YES. |
|  | # Note: This option applies only to the class list, not to the alphabetical |
|  | # list. |
|  | # The default value is: NO. |
|  |  |
|  | SORT\_BY\_SCOPE\_NAME = NO |
|  |  |
|  | # If the STRICT\_PROTO\_MATCHING option is enabled and doxygen fails to do proper |
|  | # type resolution of all parameters of a function it will reject a match between |
|  | # the prototype and the implementation of a member function even if there is |
|  | # only one candidate or it is obvious which candidate to choose by doing a |
|  | # simple string match. By disabling STRICT\_PROTO\_MATCHING doxygen will still |
|  | # accept a match between prototype and implementation in such cases. |
|  | # The default value is: NO. |
|  |  |
|  | STRICT\_PROTO\_MATCHING = NO |
|  |  |
|  | # The GENERATE\_TODOLIST tag can be used to enable (YES) or disable (NO) the todo |
|  | # list. This list is created by putting \todo commands in the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_TODOLIST = YES |
|  |  |
|  | # The GENERATE\_TESTLIST tag can be used to enable (YES) or disable (NO) the test |
|  | # list. This list is created by putting \test commands in the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_TESTLIST = YES |
|  |  |
|  | # The GENERATE\_BUGLIST tag can be used to enable (YES) or disable (NO) the bug |
|  | # list. This list is created by putting \bug commands in the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_BUGLIST = YES |
|  |  |
|  | # The GENERATE\_DEPRECATEDLIST tag can be used to enable (YES) or disable (NO) |
|  | # the deprecated list. This list is created by putting \deprecated commands in |
|  | # the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_DEPRECATEDLIST= YES |
|  |  |
|  | # The ENABLED\_SECTIONS tag can be used to enable conditional documentation |
|  | # sections, marked by \if <section\_label> ... \endif and \cond <section\_label> |
|  | # ... \endcond blocks. |
|  |  |
|  | ENABLED\_SECTIONS = |
|  |  |
|  | # The MAX\_INITIALIZER\_LINES tag determines the maximum number of lines that the |
|  | # initial value of a variable or macro / define can have for it to appear in the |
|  | # documentation. If the initializer consists of more lines than specified here |
|  | # it will be hidden. Use a value of 0 to hide initializers completely. The |
|  | # appearance of the value of individual variables and macros / defines can be |
|  | # controlled using \showinitializer or \hideinitializer command in the |
|  | # documentation regardless of this setting. |
|  | # Minimum value: 0, maximum value: 10000, default value: 30. |
|  |  |
|  | MAX\_INITIALIZER\_LINES = 30 |
|  |  |
|  | # Set the SHOW\_USED\_FILES tag to NO to disable the list of files generated at |
|  | # the bottom of the documentation of classes and structs. If set to YES, the |
|  | # list will mention the files that were used to generate the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | SHOW\_USED\_FILES = YES |
|  |  |
|  | # Set the SHOW\_FILES tag to NO to disable the generation of the Files page. This |
|  | # will remove the Files entry from the Quick Index and from the Folder Tree View |
|  | # (if specified). |
|  | # The default value is: YES. |
|  |  |
|  | SHOW\_FILES = YES |
|  |  |
|  | # Set the SHOW\_NAMESPACES tag to NO to disable the generation of the Namespaces |
|  | # page. This will remove the Namespaces entry from the Quick Index and from the |
|  | # Folder Tree View (if specified). |
|  | # The default value is: YES. |
|  |  |
|  | SHOW\_NAMESPACES = YES |
|  |  |
|  | # The FILE\_VERSION\_FILTER tag can be used to specify a program or script that |
|  | # doxygen should invoke to get the current version for each file (typically from |
|  | # the version control system). Doxygen will invoke the program by executing (via |
|  | # popen()) the command command input-file, where command is the value of the |
|  | # FILE\_VERSION\_FILTER tag, and input-file is the name of an input file provided |
|  | # by doxygen. Whatever the program writes to standard output is used as the file |
|  | # version. For an example see the documentation. |
|  |  |
|  | FILE\_VERSION\_FILTER = |
|  |  |
|  | # The LAYOUT\_FILE tag can be used to specify a layout file which will be parsed |
|  | # by doxygen. The layout file controls the global structure of the generated |
|  | # output files in an output format independent way. To create the layout file |
|  | # that represents doxygen's defaults, run doxygen with the -l option. You can |
|  | # optionally specify a file name after the option, if omitted DoxygenLayout.xml |
|  | # will be used as the name of the layout file. |
|  | # |
|  | # Note that if you run doxygen from a directory containing a file called |
|  | # DoxygenLayout.xml, doxygen will parse it automatically even if the LAYOUT\_FILE |
|  | # tag is left empty. |
|  |  |
|  | LAYOUT\_FILE = |
|  |  |
|  | # The CITE\_BIB\_FILES tag can be used to specify one or more bib files containing |
|  | # the reference definitions. This must be a list of .bib files. The .bib |
|  | # extension is automatically appended if omitted. This requires the bibtex tool |
|  | # to be installed. See also https://en.wikipedia.org/wiki/BibTeX for more info. |
|  | # For LaTeX the style of the bibliography can be controlled using |
|  | # LATEX\_BIB\_STYLE. To use this feature you need bibtex and perl available in the |
|  | # search path. See also \cite for info how to create references. |
|  |  |
|  | CITE\_BIB\_FILES = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to warning and progress messages |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # The QUIET tag can be used to turn on/off the messages that are generated to |
|  | # standard output by doxygen. If QUIET is set to YES this implies that the |
|  | # messages are off. |
|  | # The default value is: NO. |
|  |  |
|  | QUIET = NO |
|  |  |
|  | # The WARNINGS tag can be used to turn on/off the warning messages that are |
|  | # generated to standard error (stderr) by doxygen. If WARNINGS is set to YES |
|  | # this implies that the warnings are on. |
|  | # |
|  | # Tip: Turn warnings on while writing the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | WARNINGS = YES |
|  |  |
|  | # If the WARN\_IF\_UNDOCUMENTED tag is set to YES then doxygen will generate |
|  | # warnings for undocumented members. If EXTRACT\_ALL is set to YES then this flag |
|  | # will automatically be disabled. |
|  | # The default value is: YES. |
|  |  |
|  | WARN\_IF\_UNDOCUMENTED = YES |
|  |  |
|  | # If the WARN\_IF\_DOC\_ERROR tag is set to YES, doxygen will generate warnings for |
|  | # potential errors in the documentation, such as not documenting some parameters |
|  | # in a documented function, or documenting parameters that don't exist or using |
|  | # markup commands wrongly. |
|  | # The default value is: YES. |
|  |  |
|  | WARN\_IF\_DOC\_ERROR = YES |
|  |  |
|  | # This WARN\_NO\_PARAMDOC option can be enabled to get warnings for functions that |
|  | # are documented, but have no documentation for their parameters or return |
|  | # value. If set to NO, doxygen will only warn about wrong or incomplete |
|  | # parameter documentation, but not about the absence of documentation. If |
|  | # EXTRACT\_ALL is set to YES then this flag will automatically be disabled. |
|  | # The default value is: NO. |
|  |  |
|  | WARN\_NO\_PARAMDOC = NO |
|  |  |
|  | # If the WARN\_AS\_ERROR tag is set to YES then doxygen will immediately stop when |
|  | # a warning is encountered. |
|  | # The default value is: NO. |
|  |  |
|  | WARN\_AS\_ERROR = NO |
|  |  |
|  | # The WARN\_FORMAT tag determines the format of the warning messages that doxygen |
|  | # can produce. The string should contain the $file, $line, and $text tags, which |
|  | # will be replaced by the file and line number from which the warning originated |
|  | # and the warning text. Optionally the format may contain $version, which will |
|  | # be replaced by the version of the file (if it could be obtained via |
|  | # FILE\_VERSION\_FILTER) |
|  | # The default value is: $file:$line: $text. |
|  |  |
|  | WARN\_FORMAT = "$file:$line: $text" |
|  |  |
|  | # The WARN\_LOGFILE tag can be used to specify a file to which warning and error |
|  | # messages should be written. If left blank the output is written to standard |
|  | # error (stderr). |
|  |  |
|  | WARN\_LOGFILE = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the input files |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # The INPUT tag is used to specify the files and/or directories that contain |
|  | # documented source files. You may enter file names like myfile.cpp or |
|  | # directories like /usr/src/myproject. Separate the files or directories with |
|  | # spaces. See also FILE\_PATTERNS and EXTENSION\_MAPPING |
|  | # Note: If this tag is empty the current directory is searched. |
|  |  |
|  | INPUT = |
|  |  |
|  | # This tag can be used to specify the character encoding of the source files |
|  | # that doxygen parses. Internally doxygen uses the UTF-8 encoding. Doxygen uses |
|  | # libiconv (or the iconv built into libc) for the transcoding. See the libiconv |
|  | # documentation (see: https://www.gnu.org/software/libiconv/) for the list of |
|  | # possible encodings. |
|  | # The default value is: UTF-8. |
|  |  |
|  | INPUT\_ENCODING = UTF-8 |
|  |  |
|  | # If the value of the INPUT tag contains directories, you can use the |
|  | # FILE\_PATTERNS tag to specify one or more wildcard patterns (like \*.cpp and |
|  | # \*.h) to filter out the source-files in the directories. |
|  | # |
|  | # Note that for custom extensions or not directly supported extensions you also |
|  | # need to set EXTENSION\_MAPPING for the extension otherwise the files are not |
|  | # read by doxygen. |
|  | # |
|  | # If left blank the following patterns are tested:\*.c, \*.cc, \*.cxx, \*.cpp, |
|  | # \*.c++, \*.java, \*.ii, \*.ixx, \*.ipp, \*.i++, \*.inl, \*.idl, \*.ddl, \*.odl, \*.h, |
|  | # \*.hh, \*.hxx, \*.hpp, \*.h++, \*.cs, \*.d, \*.php, \*.php4, \*.php5, \*.phtml, \*.inc, |
|  | # \*.m, \*.markdown, \*.md, \*.mm, \*.dox (to be provided as doxygen C comment), |
|  | # \*.doc (to be provided as doxygen C comment), \*.txt (to be provided as doxygen |
|  | # C comment), \*.py, \*.pyw, \*.f90, \*.f95, \*.f03, \*.f08, \*.f, \*.for, \*.tcl, \*.vhd, |
|  | # \*.vhdl, \*.ucf, \*.qsf and \*.ice. |
|  |  |
|  | FILE\_PATTERNS = \*.c \ |
|  | \*.cc \ |
|  | \*.cxx \ |
|  | \*.cpp \ |
|  | \*.c++ \ |
|  | \*.java \ |
|  | \*.ii \ |
|  | \*.ixx \ |
|  | \*.ipp \ |
|  | \*.i++ \ |
|  | \*.inl \ |
|  | \*.idl \ |
|  | \*.ddl \ |
|  | \*.odl \ |
|  | \*.h \ |
|  | \*.hh \ |
|  | \*.hxx \ |
|  | \*.hpp \ |
|  | \*.h++ \ |
|  | \*.cs \ |
|  | \*.d \ |
|  | \*.php \ |
|  | \*.php4 \ |
|  | \*.php5 \ |
|  | \*.phtml \ |
|  | \*.inc \ |
|  | \*.m \ |
|  | \*.markdown \ |
|  | \*.md \ |
|  | \*.mm \ |
|  | \*.dox \ |
|  | \*.doc \ |
|  | \*.txt \ |
|  | \*.py \ |
|  | \*.pyw \ |
|  | \*.f90 \ |
|  | \*.f95 \ |
|  | \*.f03 \ |
|  | \*.f08 \ |
|  | \*.f \ |
|  | \*.for \ |
|  | \*.tcl \ |
|  | \*.vhd \ |
|  | \*.vhdl \ |
|  | \*.ucf \ |
|  | \*.qsf \ |
|  | \*.ice |
|  |  |
|  | # The RECURSIVE tag can be used to specify whether or not subdirectories should |
|  | # be searched for input files as well. |
|  | # The default value is: NO. |
|  |  |
|  | RECURSIVE = NO |
|  |  |
|  | # The EXCLUDE tag can be used to specify files and/or directories that should be |
|  | # excluded from the INPUT source files. This way you can easily exclude a |
|  | # subdirectory from a directory tree whose root is specified with the INPUT tag. |
|  | # |
|  | # Note that relative paths are relative to the directory from which doxygen is |
|  | # run. |
|  |  |
|  | EXCLUDE = |
|  |  |
|  | # The EXCLUDE\_SYMLINKS tag can be used to select whether or not files or |
|  | # directories that are symbolic links (a Unix file system feature) are excluded |
|  | # from the input. |
|  | # The default value is: NO. |
|  |  |
|  | EXCLUDE\_SYMLINKS = NO |
|  |  |
|  | # If the value of the INPUT tag contains directories, you can use the |
|  | # EXCLUDE\_PATTERNS tag to specify one or more wildcard patterns to exclude |
|  | # certain files from those directories. |
|  | # |
|  | # Note that the wildcards are matched against the file with absolute path, so to |
|  | # exclude all test directories for example use the pattern \*/test/\* |
|  |  |
|  | EXCLUDE\_PATTERNS = |
|  |  |
|  | # The EXCLUDE\_SYMBOLS tag can be used to specify one or more symbol names |
|  | # (namespaces, classes, functions, etc.) that should be excluded from the |
|  | # output. The symbol name can be a fully qualified name, a word, or if the |
|  | # wildcard \* is used, a substring. Examples: ANamespace, AClass, |
|  | # AClass::ANamespace, ANamespace::\*Test |
|  | # |
|  | # Note that the wildcards are matched against the file with absolute path, so to |
|  | # exclude all test directories use the pattern \*/test/\* |
|  |  |
|  | EXCLUDE\_SYMBOLS = |
|  |  |
|  | # The EXAMPLE\_PATH tag can be used to specify one or more files or directories |
|  | # that contain example code fragments that are included (see the \include |
|  | # command). |
|  |  |
|  | EXAMPLE\_PATH = |
|  |  |
|  | # If the value of the EXAMPLE\_PATH tag contains directories, you can use the |
|  | # EXAMPLE\_PATTERNS tag to specify one or more wildcard pattern (like \*.cpp and |
|  | # \*.h) to filter out the source-files in the directories. If left blank all |
|  | # files are included. |
|  |  |
|  | EXAMPLE\_PATTERNS = \* |
|  |  |
|  | # If the EXAMPLE\_RECURSIVE tag is set to YES then subdirectories will be |
|  | # searched for input files to be used with the \include or \dontinclude commands |
|  | # irrespective of the value of the RECURSIVE tag. |
|  | # The default value is: NO. |
|  |  |
|  | EXAMPLE\_RECURSIVE = NO |
|  |  |
|  | # The IMAGE\_PATH tag can be used to specify one or more files or directories |
|  | # that contain images that are to be included in the documentation (see the |
|  | # \image command). |
|  |  |
|  | IMAGE\_PATH = |
|  |  |
|  | # The INPUT\_FILTER tag can be used to specify a program that doxygen should |
|  | # invoke to filter for each input file. Doxygen will invoke the filter program |
|  | # by executing (via popen()) the command: |
|  | # |
|  | # <filter> <input-file> |
|  | # |
|  | # where <filter> is the value of the INPUT\_FILTER tag, and <input-file> is the |
|  | # name of an input file. Doxygen will then use the output that the filter |
|  | # program writes to standard output. If FILTER\_PATTERNS is specified, this tag |
|  | # will be ignored. |
|  | # |
|  | # Note that the filter must not add or remove lines; it is applied before the |
|  | # code is scanned, but not when the output code is generated. If lines are added |
|  | # or removed, the anchors will not be placed correctly. |
|  | # |
|  | # Note that for custom extensions or not directly supported extensions you also |
|  | # need to set EXTENSION\_MAPPING for the extension otherwise the files are not |
|  | # properly processed by doxygen. |
|  |  |
|  | INPUT\_FILTER = |
|  |  |
|  | # The FILTER\_PATTERNS tag can be used to specify filters on a per file pattern |
|  | # basis. Doxygen will compare the file name with each pattern and apply the |
|  | # filter if there is a match. The filters are a list of the form: pattern=filter |
|  | # (like \*.cpp=my\_cpp\_filter). See INPUT\_FILTER for further information on how |
|  | # filters are used. If the FILTER\_PATTERNS tag is empty or if none of the |
|  | # patterns match the file name, INPUT\_FILTER is applied. |
|  | # |
|  | # Note that for custom extensions or not directly supported extensions you also |
|  | # need to set EXTENSION\_MAPPING for the extension otherwise the files are not |
|  | # properly processed by doxygen. |
|  |  |
|  | FILTER\_PATTERNS = |
|  |  |
|  | # If the FILTER\_SOURCE\_FILES tag is set to YES, the input filter (if set using |
|  | # INPUT\_FILTER) will also be used to filter the input files that are used for |
|  | # producing the source files to browse (i.e. when SOURCE\_BROWSER is set to YES). |
|  | # The default value is: NO. |
|  |  |
|  | FILTER\_SOURCE\_FILES = NO |
|  |  |
|  | # The FILTER\_SOURCE\_PATTERNS tag can be used to specify source filters per file |
|  | # pattern. A pattern will override the setting for FILTER\_PATTERN (if any) and |
|  | # it is also possible to disable source filtering for a specific pattern using |
|  | # \*.ext= (so without naming a filter). |
|  | # This tag requires that the tag FILTER\_SOURCE\_FILES is set to YES. |
|  |  |
|  | FILTER\_SOURCE\_PATTERNS = |
|  |  |
|  | # If the USE\_MDFILE\_AS\_MAINPAGE tag refers to the name of a markdown file that |
|  | # is part of the input, its contents will be placed on the main page |
|  | # (index.html). This can be useful if you have a project on for instance GitHub |
|  | # and want to reuse the introduction page also for the doxygen output. |
|  |  |
|  | USE\_MDFILE\_AS\_MAINPAGE = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to source browsing |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the SOURCE\_BROWSER tag is set to YES then a list of source files will be |
|  | # generated. Documented entities will be cross-referenced with these sources. |
|  | # |
|  | # Note: To get rid of all source code in the generated output, make sure that |
|  | # also VERBATIM\_HEADERS is set to NO. |
|  | # The default value is: NO. |
|  |  |
|  | SOURCE\_BROWSER = NO |
|  |  |
|  | # Setting the INLINE\_SOURCES tag to YES will include the body of functions, |
|  | # classes and enums directly into the documentation. |
|  | # The default value is: NO. |
|  |  |
|  | INLINE\_SOURCES = NO |
|  |  |
|  | # Setting the STRIP\_CODE\_COMMENTS tag to YES will instruct doxygen to hide any |
|  | # special comment blocks from generated source code fragments. Normal C, C++ and |
|  | # Fortran comments will always remain visible. |
|  | # The default value is: YES. |
|  |  |
|  | STRIP\_CODE\_COMMENTS = YES |
|  |  |
|  | # If the REFERENCED\_BY\_RELATION tag is set to YES then for each documented |
|  | # entity all documented functions referencing it will be listed. |
|  | # The default value is: NO. |
|  |  |
|  | REFERENCED\_BY\_RELATION = NO |
|  |  |
|  | # If the REFERENCES\_RELATION tag is set to YES then for each documented function |
|  | # all documented entities called/used by that function will be listed. |
|  | # The default value is: NO. |
|  |  |
|  | REFERENCES\_RELATION = NO |
|  |  |
|  | # If the REFERENCES\_LINK\_SOURCE tag is set to YES and SOURCE\_BROWSER tag is set |
|  | # to YES then the hyperlinks from functions in REFERENCES\_RELATION and |
|  | # REFERENCED\_BY\_RELATION lists will link to the source code. Otherwise they will |
|  | # link to the documentation. |
|  | # The default value is: YES. |
|  |  |
|  | REFERENCES\_LINK\_SOURCE = YES |
|  |  |
|  | # If SOURCE\_TOOLTIPS is enabled (the default) then hovering a hyperlink in the |
|  | # source code will show a tooltip with additional information such as prototype, |
|  | # brief description and links to the definition and documentation. Since this |
|  | # will make the HTML file larger and loading of large files a bit slower, you |
|  | # can opt to disable this feature. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag SOURCE\_BROWSER is set to YES. |
|  |  |
|  | SOURCE\_TOOLTIPS = YES |
|  |  |
|  | # If the USE\_HTAGS tag is set to YES then the references to source code will |
|  | # point to the HTML generated by the htags(1) tool instead of doxygen built-in |
|  | # source browser. The htags tool is part of GNU's global source tagging system |
|  | # (see https://www.gnu.org/software/global/global.html). You will need version |
|  | # 4.8.6 or higher. |
|  | # |
|  | # To use it do the following: |
|  | # - Install the latest version of global |
|  | # - Enable SOURCE\_BROWSER and USE\_HTAGS in the configuration file |
|  | # - Make sure the INPUT points to the root of the source tree |
|  | # - Run doxygen as normal |
|  | # |
|  | # Doxygen will invoke htags (and that will in turn invoke gtags), so these |
|  | # tools must be available from the command line (i.e. in the search path). |
|  | # |
|  | # The result: instead of the source browser generated by doxygen, the links to |
|  | # source code will now point to the output of htags. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag SOURCE\_BROWSER is set to YES. |
|  |  |
|  | USE\_HTAGS = NO |
|  |  |
|  | # If the VERBATIM\_HEADERS tag is set the YES then doxygen will generate a |
|  | # verbatim copy of the header file for each class for which an include is |
|  | # specified. Set to NO to disable this. |
|  | # See also: Section \class. |
|  | # The default value is: YES. |
|  |  |
|  | VERBATIM\_HEADERS = YES |
|  |  |
|  | # If the CLANG\_ASSISTED\_PARSING tag is set to YES then doxygen will use the |
|  | # clang parser (see: http://clang.llvm.org/) for more accurate parsing at the |
|  | # cost of reduced performance. This can be particularly helpful with template |
|  | # rich C++ code for which doxygen's built-in parser lacks the necessary type |
|  | # information. |
|  | # Note: The availability of this option depends on whether or not doxygen was |
|  | # generated with the -Duse\_libclang=ON option for CMake. |
|  | # The default value is: NO. |
|  |  |
|  | CLANG\_ASSISTED\_PARSING = NO |
|  |  |
|  | # If clang assisted parsing is enabled you can provide the compiler with command |
|  | # line options that you would normally use when invoking the compiler. Note that |
|  | # the include paths will already be set by doxygen for the files and directories |
|  | # specified with INPUT and INCLUDE\_PATH. |
|  | # This tag requires that the tag CLANG\_ASSISTED\_PARSING is set to YES. |
|  |  |
|  | CLANG\_OPTIONS = |
|  |  |
|  | # If clang assisted parsing is enabled you can provide the clang parser with the |
|  | # path to the compilation database (see: |
|  | # http://clang.llvm.org/docs/HowToSetupToolingForLLVM.html) used when the files |
|  | # were built. This is equivalent to specifying the "-p" option to a clang tool, |
|  | # such as clang-check. These options will then be passed to the parser. |
|  | # Note: The availability of this option depends on whether or not doxygen was |
|  | # generated with the -Duse\_libclang=ON option for CMake. |
|  |  |
|  | CLANG\_DATABASE\_PATH = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the alphabetical class index |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the ALPHABETICAL\_INDEX tag is set to YES, an alphabetical index of all |
|  | # compounds will be generated. Enable this if the project contains a lot of |
|  | # classes, structs, unions or interfaces. |
|  | # The default value is: YES. |
|  |  |
|  | ALPHABETICAL\_INDEX = YES |
|  |  |
|  | # The COLS\_IN\_ALPHA\_INDEX tag can be used to specify the number of columns in |
|  | # which the alphabetical index list will be split. |
|  | # Minimum value: 1, maximum value: 20, default value: 5. |
|  | # This tag requires that the tag ALPHABETICAL\_INDEX is set to YES. |
|  |  |
|  | COLS\_IN\_ALPHA\_INDEX = 5 |
|  |  |
|  | # In case all classes in a project start with a common prefix, all classes will |
|  | # be put under the same header in the alphabetical index. The IGNORE\_PREFIX tag |
|  | # can be used to specify a prefix (or a list of prefixes) that should be ignored |
|  | # while generating the index headers. |
|  | # This tag requires that the tag ALPHABETICAL\_INDEX is set to YES. |
|  |  |
|  | IGNORE\_PREFIX = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the HTML output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_HTML tag is set to YES, doxygen will generate HTML output |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_HTML = YES |
|  |  |
|  | # The HTML\_OUTPUT tag is used to specify where the HTML docs will be put. If a |
|  | # relative path is entered the value of OUTPUT\_DIRECTORY will be put in front of |
|  | # it. |
|  | # The default directory is: html. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_OUTPUT = html |
|  |  |
|  | # The HTML\_FILE\_EXTENSION tag can be used to specify the file extension for each |
|  | # generated HTML page (for example: .htm, .php, .asp). |
|  | # The default value is: .html. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_FILE\_EXTENSION = .html |
|  |  |
|  | # The HTML\_HEADER tag can be used to specify a user-defined HTML header file for |
|  | # each generated HTML page. If the tag is left blank doxygen will generate a |
|  | # standard header. |
|  | # |
|  | # To get valid HTML the header file that includes any scripts and style sheets |
|  | # that doxygen needs, which is dependent on the configuration options used (e.g. |
|  | # the setting GENERATE\_TREEVIEW). It is highly recommended to start with a |
|  | # default header using |
|  | # doxygen -w html new\_header.html new\_footer.html new\_stylesheet.css |
|  | # YourConfigFile |
|  | # and then modify the file new\_header.html. See also section "Doxygen usage" |
|  | # for information on how to generate the default header that doxygen normally |
|  | # uses. |
|  | # Note: The header is subject to change so you typically have to regenerate the |
|  | # default header when upgrading to a newer version of doxygen. For a description |
|  | # of the possible markers and block names see the documentation. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_HEADER = |
|  |  |
|  | # The HTML\_FOOTER tag can be used to specify a user-defined HTML footer for each |
|  | # generated HTML page. If the tag is left blank doxygen will generate a standard |
|  | # footer. See HTML\_HEADER for more information on how to generate a default |
|  | # footer and what special commands can be used inside the footer. See also |
|  | # section "Doxygen usage" for information on how to generate the default footer |
|  | # that doxygen normally uses. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_FOOTER = |
|  |  |
|  | # The HTML\_STYLESHEET tag can be used to specify a user-defined cascading style |
|  | # sheet that is used by each HTML page. It can be used to fine-tune the look of |
|  | # the HTML output. If left blank doxygen will generate a default style sheet. |
|  | # See also section "Doxygen usage" for information on how to generate the style |
|  | # sheet that doxygen normally uses. |
|  | # Note: It is recommended to use HTML\_EXTRA\_STYLESHEET instead of this tag, as |
|  | # it is more robust and this tag (HTML\_STYLESHEET) will in the future become |
|  | # obsolete. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_STYLESHEET = |
|  |  |
|  | # The HTML\_EXTRA\_STYLESHEET tag can be used to specify additional user-defined |
|  | # cascading style sheets that are included after the standard style sheets |
|  | # created by doxygen. Using this option one can overrule certain style aspects. |
|  | # This is preferred over using HTML\_STYLESHEET since it does not replace the |
|  | # standard style sheet and is therefore more robust against future updates. |
|  | # Doxygen will copy the style sheet files to the output directory. |
|  | # Note: The order of the extra style sheet files is of importance (e.g. the last |
|  | # style sheet in the list overrules the setting of the previous ones in the |
|  | # list). For an example see the documentation. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_EXTRA\_STYLESHEET = |
|  |  |
|  | # The HTML\_EXTRA\_FILES tag can be used to specify one or more extra images or |
|  | # other source files which should be copied to the HTML output directory. Note |
|  | # that these files will be copied to the base HTML output directory. Use the |
|  | # $relpath^ marker in the HTML\_HEADER and/or HTML\_FOOTER files to load these |
|  | # files. In the HTML\_STYLESHEET file, use the file name only. Also note that the |
|  | # files will be copied as-is; there are no commands or markers available. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_EXTRA\_FILES = |
|  |  |
|  | # The HTML\_COLORSTYLE\_HUE tag controls the color of the HTML output. Doxygen |
|  | # will adjust the colors in the style sheet and background images according to |
|  | # this color. Hue is specified as an angle on a colorwheel, see |
|  | # https://en.wikipedia.org/wiki/Hue for more information. For instance the value |
|  | # 0 represents red, 60 is yellow, 120 is green, 180 is cyan, 240 is blue, 300 |
|  | # purple, and 360 is red again. |
|  | # Minimum value: 0, maximum value: 359, default value: 220. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_COLORSTYLE\_HUE = 220 |
|  |  |
|  | # The HTML\_COLORSTYLE\_SAT tag controls the purity (or saturation) of the colors |
|  | # in the HTML output. For a value of 0 the output will use grayscales only. A |
|  | # value of 255 will produce the most vivid colors. |
|  | # Minimum value: 0, maximum value: 255, default value: 100. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_COLORSTYLE\_SAT = 100 |
|  |  |
|  | # The HTML\_COLORSTYLE\_GAMMA tag controls the gamma correction applied to the |
|  | # luminance component of the colors in the HTML output. Values below 100 |
|  | # gradually make the output lighter, whereas values above 100 make the output |
|  | # darker. The value divided by 100 is the actual gamma applied, so 80 represents |
|  | # a gamma of 0.8, The value 220 represents a gamma of 2.2, and 100 does not |
|  | # change the gamma. |
|  | # Minimum value: 40, maximum value: 240, default value: 80. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_COLORSTYLE\_GAMMA = 80 |
|  |  |
|  | # If the HTML\_TIMESTAMP tag is set to YES then the footer of each generated HTML |
|  | # page will contain the date and time when the page was generated. Setting this |
|  | # to YES can help to show when doxygen was last run and thus if the |
|  | # documentation is up to date. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_TIMESTAMP = NO |
|  |  |
|  | # If the HTML\_DYNAMIC\_MENUS tag is set to YES then the generated HTML |
|  | # documentation will contain a main index with vertical navigation menus that |
|  | # are dynamically created via JavaScript. If disabled, the navigation index will |
|  | # consists of multiple levels of tabs that are statically embedded in every HTML |
|  | # page. Disable this option to support browsers that do not have JavaScript, |
|  | # like the Qt help browser. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_DYNAMIC\_MENUS = YES |
|  |  |
|  | # If the HTML\_DYNAMIC\_SECTIONS tag is set to YES then the generated HTML |
|  | # documentation will contain sections that can be hidden and shown after the |
|  | # page has loaded. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_DYNAMIC\_SECTIONS = NO |
|  |  |
|  | # With HTML\_INDEX\_NUM\_ENTRIES one can control the preferred number of entries |
|  | # shown in the various tree structured indices initially; the user can expand |
|  | # and collapse entries dynamically later on. Doxygen will expand the tree to |
|  | # such a level that at most the specified number of entries are visible (unless |
|  | # a fully collapsed tree already exceeds this amount). So setting the number of |
|  | # entries 1 will produce a full collapsed tree by default. 0 is a special value |
|  | # representing an infinite number of entries and will result in a full expanded |
|  | # tree by default. |
|  | # Minimum value: 0, maximum value: 9999, default value: 100. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | HTML\_INDEX\_NUM\_ENTRIES = 100 |
|  |  |
|  | # If the GENERATE\_DOCSET tag is set to YES, additional index files will be |
|  | # generated that can be used as input for Apple's Xcode 3 integrated development |
|  | # environment (see: https://developer.apple.com/xcode/), introduced with OSX |
|  | # 10.5 (Leopard). To create a documentation set, doxygen will generate a |
|  | # Makefile in the HTML output directory. Running make will produce the docset in |
|  | # that directory and running make install will install the docset in |
|  | # ~/Library/Developer/Shared/Documentation/DocSets so that Xcode will find it at |
|  | # startup. See https://developer.apple.com/library/archive/featuredarticles/Doxy |
|  | # genXcode/\_index.html for more information. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | GENERATE\_DOCSET = NO |
|  |  |
|  | # This tag determines the name of the docset feed. A documentation feed provides |
|  | # an umbrella under which multiple documentation sets from a single provider |
|  | # (such as a company or product suite) can be grouped. |
|  | # The default value is: Doxygen generated docs. |
|  | # This tag requires that the tag GENERATE\_DOCSET is set to YES. |
|  |  |
|  | DOCSET\_FEEDNAME = "Doxygen generated docs" |
|  |  |
|  | # This tag specifies a string that should uniquely identify the documentation |
|  | # set bundle. This should be a reverse domain-name style string, e.g. |
|  | # com.mycompany.MyDocSet. Doxygen will append .docset to the name. |
|  | # The default value is: org.doxygen.Project. |
|  | # This tag requires that the tag GENERATE\_DOCSET is set to YES. |
|  |  |
|  | DOCSET\_BUNDLE\_ID = org.doxygen.Project |
|  |  |
|  | # The DOCSET\_PUBLISHER\_ID tag specifies a string that should uniquely identify |
|  | # the documentation publisher. This should be a reverse domain-name style |
|  | # string, e.g. com.mycompany.MyDocSet.documentation. |
|  | # The default value is: org.doxygen.Publisher. |
|  | # This tag requires that the tag GENERATE\_DOCSET is set to YES. |
|  |  |
|  | DOCSET\_PUBLISHER\_ID = org.doxygen.Publisher |
|  |  |
|  | # The DOCSET\_PUBLISHER\_NAME tag identifies the documentation publisher. |
|  | # The default value is: Publisher. |
|  | # This tag requires that the tag GENERATE\_DOCSET is set to YES. |
|  |  |
|  | DOCSET\_PUBLISHER\_NAME = Publisher |
|  |  |
|  | # If the GENERATE\_HTMLHELP tag is set to YES then doxygen generates three |
|  | # additional HTML index files: index.hhp, index.hhc, and index.hhk. The |
|  | # index.hhp is a project file that can be read by Microsoft's HTML Help Workshop |
|  | # (see: https://www.microsoft.com/en-us/download/details.aspx?id=21138) on |
|  | # Windows. |
|  | # |
|  | # The HTML Help Workshop contains a compiler that can convert all HTML output |
|  | # generated by doxygen into a single compiled HTML file (.chm). Compiled HTML |
|  | # files are now used as the Windows 98 help format, and will replace the old |
|  | # Windows help format (.hlp) on all Windows platforms in the future. Compressed |
|  | # HTML files also contain an index, a table of contents, and you can search for |
|  | # words in the documentation. The HTML workshop also contains a viewer for |
|  | # compressed HTML files. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | GENERATE\_HTMLHELP = NO |
|  |  |
|  | # The CHM\_FILE tag can be used to specify the file name of the resulting .chm |
|  | # file. You can add a path in front of the file if the result should not be |
|  | # written to the html output directory. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | CHM\_FILE = |
|  |  |
|  | # The HHC\_LOCATION tag can be used to specify the location (absolute path |
|  | # including file name) of the HTML help compiler (hhc.exe). If non-empty, |
|  | # doxygen will try to run the HTML help compiler on the generated index.hhp. |
|  | # The file has to be specified with full path. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | HHC\_LOCATION = |
|  |  |
|  | # The GENERATE\_CHI flag controls if a separate .chi index file is generated |
|  | # (YES) or that it should be included in the master .chm file (NO). |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | GENERATE\_CHI = NO |
|  |  |
|  | # The CHM\_INDEX\_ENCODING is used to encode HtmlHelp index (hhk), content (hhc) |
|  | # and project file content. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | CHM\_INDEX\_ENCODING = |
|  |  |
|  | # The BINARY\_TOC flag controls whether a binary table of contents is generated |
|  | # (YES) or a normal table of contents (NO) in the .chm file. Furthermore it |
|  | # enables the Previous and Next buttons. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | BINARY\_TOC = NO |
|  |  |
|  | # The TOC\_EXPAND flag can be set to YES to add extra items for group members to |
|  | # the table of contents of the HTML help documentation and to the tree view. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTMLHELP is set to YES. |
|  |  |
|  | TOC\_EXPAND = NO |
|  |  |
|  | # If the GENERATE\_QHP tag is set to YES and both QHP\_NAMESPACE and |
|  | # QHP\_VIRTUAL\_FOLDER are set, an additional index file will be generated that |
|  | # can be used as input for Qt's qhelpgenerator to generate a Qt Compressed Help |
|  | # (.qch) of the generated HTML documentation. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | GENERATE\_QHP = NO |
|  |  |
|  | # If the QHG\_LOCATION tag is specified, the QCH\_FILE tag can be used to specify |
|  | # the file name of the resulting .qch file. The path specified is relative to |
|  | # the HTML output folder. |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QCH\_FILE = |
|  |  |
|  | # The QHP\_NAMESPACE tag specifies the namespace to use when generating Qt Help |
|  | # Project output. For more information please see Qt Help Project / Namespace |
|  | # (see: https://doc.qt.io/archives/qt-4.8/qthelpproject.html#namespace). |
|  | # The default value is: org.doxygen.Project. |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHP\_NAMESPACE = org.doxygen.Project |
|  |  |
|  | # The QHP\_VIRTUAL\_FOLDER tag specifies the namespace to use when generating Qt |
|  | # Help Project output. For more information please see Qt Help Project / Virtual |
|  | # Folders (see: https://doc.qt.io/archives/qt-4.8/qthelpproject.html#virtual- |
|  | # folders). |
|  | # The default value is: doc. |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHP\_VIRTUAL\_FOLDER = doc |
|  |  |
|  | # If the QHP\_CUST\_FILTER\_NAME tag is set, it specifies the name of a custom |
|  | # filter to add. For more information please see Qt Help Project / Custom |
|  | # Filters (see: https://doc.qt.io/archives/qt-4.8/qthelpproject.html#custom- |
|  | # filters). |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHP\_CUST\_FILTER\_NAME = |
|  |  |
|  | # The QHP\_CUST\_FILTER\_ATTRS tag specifies the list of the attributes of the |
|  | # custom filter to add. For more information please see Qt Help Project / Custom |
|  | # Filters (see: https://doc.qt.io/archives/qt-4.8/qthelpproject.html#custom- |
|  | # filters). |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHP\_CUST\_FILTER\_ATTRS = |
|  |  |
|  | # The QHP\_SECT\_FILTER\_ATTRS tag specifies the list of the attributes this |
|  | # project's filter section matches. Qt Help Project / Filter Attributes (see: |
|  | # https://doc.qt.io/archives/qt-4.8/qthelpproject.html#filter-attributes). |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHP\_SECT\_FILTER\_ATTRS = |
|  |  |
|  | # The QHG\_LOCATION tag can be used to specify the location of Qt's |
|  | # qhelpgenerator. If non-empty doxygen will try to run qhelpgenerator on the |
|  | # generated .qhp file. |
|  | # This tag requires that the tag GENERATE\_QHP is set to YES. |
|  |  |
|  | QHG\_LOCATION = |
|  |  |
|  | # If the GENERATE\_ECLIPSEHELP tag is set to YES, additional index files will be |
|  | # generated, together with the HTML files, they form an Eclipse help plugin. To |
|  | # install this plugin and make it available under the help contents menu in |
|  | # Eclipse, the contents of the directory containing the HTML and XML files needs |
|  | # to be copied into the plugins directory of eclipse. The name of the directory |
|  | # within the plugins directory should be the same as the ECLIPSE\_DOC\_ID value. |
|  | # After copying Eclipse needs to be restarted before the help appears. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | GENERATE\_ECLIPSEHELP = NO |
|  |  |
|  | # A unique identifier for the Eclipse help plugin. When installing the plugin |
|  | # the directory name containing the HTML and XML files should also have this |
|  | # name. Each documentation set should have its own identifier. |
|  | # The default value is: org.doxygen.Project. |
|  | # This tag requires that the tag GENERATE\_ECLIPSEHELP is set to YES. |
|  |  |
|  | ECLIPSE\_DOC\_ID = org.doxygen.Project |
|  |  |
|  | # If you want full control over the layout of the generated HTML pages it might |
|  | # be necessary to disable the index and replace it with your own. The |
|  | # DISABLE\_INDEX tag can be used to turn on/off the condensed index (tabs) at top |
|  | # of each HTML page. A value of NO enables the index and the value YES disables |
|  | # it. Since the tabs in the index contain the same information as the navigation |
|  | # tree, you can set this option to YES if you also set GENERATE\_TREEVIEW to YES. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | DISABLE\_INDEX = NO |
|  |  |
|  | # The GENERATE\_TREEVIEW tag is used to specify whether a tree-like index |
|  | # structure should be generated to display hierarchical information. If the tag |
|  | # value is set to YES, a side panel will be generated containing a tree-like |
|  | # index structure (just like the one that is generated for HTML Help). For this |
|  | # to work a browser that supports JavaScript, DHTML, CSS and frames is required |
|  | # (i.e. any modern browser). Windows users are probably better off using the |
|  | # HTML help feature. Via custom style sheets (see HTML\_EXTRA\_STYLESHEET) one can |
|  | # further fine-tune the look of the index. As an example, the default style |
|  | # sheet generated by doxygen has an example that shows how to put an image at |
|  | # the root of the tree instead of the PROJECT\_NAME. Since the tree basically has |
|  | # the same information as the tab index, you could consider setting |
|  | # DISABLE\_INDEX to YES when enabling this option. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | GENERATE\_TREEVIEW = NO |
|  |  |
|  | # The ENUM\_VALUES\_PER\_LINE tag can be used to set the number of enum values that |
|  | # doxygen will group on one line in the generated HTML documentation. |
|  | # |
|  | # Note that a value of 0 will completely suppress the enum values from appearing |
|  | # in the overview section. |
|  | # Minimum value: 0, maximum value: 20, default value: 4. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | ENUM\_VALUES\_PER\_LINE = 4 |
|  |  |
|  | # If the treeview is enabled (see GENERATE\_TREEVIEW) then this tag can be used |
|  | # to set the initial width (in pixels) of the frame in which the tree is shown. |
|  | # Minimum value: 0, maximum value: 1500, default value: 250. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | TREEVIEW\_WIDTH = 250 |
|  |  |
|  | # If the EXT\_LINKS\_IN\_WINDOW option is set to YES, doxygen will open links to |
|  | # external symbols imported via tag files in a separate window. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | EXT\_LINKS\_IN\_WINDOW = NO |
|  |  |
|  | # Use this tag to change the font size of LaTeX formulas included as images in |
|  | # the HTML documentation. When you change the font size after a successful |
|  | # doxygen run you need to manually remove any form\_\*.png images from the HTML |
|  | # output directory to force them to be regenerated. |
|  | # Minimum value: 8, maximum value: 50, default value: 10. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | FORMULA\_FONTSIZE = 10 |
|  |  |
|  | # Use the FORMULA\_TRANSPARENT tag to determine whether or not the images |
|  | # generated for formulas are transparent PNGs. Transparent PNGs are not |
|  | # supported properly for IE 6.0, but are supported on all modern browsers. |
|  | # |
|  | # Note that when changing this option you need to delete any form\_\*.png files in |
|  | # the HTML output directory before the changes have effect. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | FORMULA\_TRANSPARENT = YES |
|  |  |
|  | # The FORMULA\_MACROFILE can contain LaTeX \newcommand and \renewcommand commands |
|  | # to create new LaTeX commands to be used in formulas as building blocks. See |
|  | # the section "Including formulas" for details. |
|  |  |
|  | FORMULA\_MACROFILE = |
|  |  |
|  | # Enable the USE\_MATHJAX option to render LaTeX formulas using MathJax (see |
|  | # https://www.mathjax.org) which uses client side JavaScript for the rendering |
|  | # instead of using pre-rendered bitmaps. Use this if you do not have LaTeX |
|  | # installed or if you want to formulas look prettier in the HTML output. When |
|  | # enabled you may also need to install MathJax separately and configure the path |
|  | # to it using the MATHJAX\_RELPATH option. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | USE\_MATHJAX = NO |
|  |  |
|  | # When MathJax is enabled you can set the default output format to be used for |
|  | # the MathJax output. See the MathJax site (see: |
|  | # http://docs.mathjax.org/en/latest/output.html) for more details. |
|  | # Possible values are: HTML-CSS (which is slower, but has the best |
|  | # compatibility), NativeMML (i.e. MathML) and SVG. |
|  | # The default value is: HTML-CSS. |
|  | # This tag requires that the tag USE\_MATHJAX is set to YES. |
|  |  |
|  | MATHJAX\_FORMAT = HTML-CSS |
|  |  |
|  | # When MathJax is enabled you need to specify the location relative to the HTML |
|  | # output directory using the MATHJAX\_RELPATH option. The destination directory |
|  | # should contain the MathJax.js script. For instance, if the mathjax directory |
|  | # is located at the same level as the HTML output directory, then |
|  | # MATHJAX\_RELPATH should be ../mathjax. The default value points to the MathJax |
|  | # Content Delivery Network so you can quickly see the result without installing |
|  | # MathJax. However, it is strongly recommended to install a local copy of |
|  | # MathJax from https://www.mathjax.org before deployment. |
|  | # The default value is: https://cdnjs.cloudflare.com/ajax/libs/mathjax/2.7.5/. |
|  | # This tag requires that the tag USE\_MATHJAX is set to YES. |
|  |  |
|  | MATHJAX\_RELPATH = https://cdnjs.cloudflare.com/ajax/libs/mathjax/2.7.5/ |
|  |  |
|  | # The MATHJAX\_EXTENSIONS tag can be used to specify one or more MathJax |
|  | # extension names that should be enabled during MathJax rendering. For example |
|  | # MATHJAX\_EXTENSIONS = TeX/AMSmath TeX/AMSsymbols |
|  | # This tag requires that the tag USE\_MATHJAX is set to YES. |
|  |  |
|  | MATHJAX\_EXTENSIONS = |
|  |  |
|  | # The MATHJAX\_CODEFILE tag can be used to specify a file with javascript pieces |
|  | # of code that will be used on startup of the MathJax code. See the MathJax site |
|  | # (see: http://docs.mathjax.org/en/latest/output.html) for more details. For an |
|  | # example see the documentation. |
|  | # This tag requires that the tag USE\_MATHJAX is set to YES. |
|  |  |
|  | MATHJAX\_CODEFILE = |
|  |  |
|  | # When the SEARCHENGINE tag is enabled doxygen will generate a search box for |
|  | # the HTML output. The underlying search engine uses javascript and DHTML and |
|  | # should work on any modern browser. Note that when using HTML help |
|  | # (GENERATE\_HTMLHELP), Qt help (GENERATE\_QHP), or docsets (GENERATE\_DOCSET) |
|  | # there is already a search function so this one should typically be disabled. |
|  | # For large projects the javascript based search engine can be slow, then |
|  | # enabling SERVER\_BASED\_SEARCH may provide a better solution. It is possible to |
|  | # search using the keyboard; to jump to the search box use <access key> + S |
|  | # (what the <access key> is depends on the OS and browser, but it is typically |
|  | # <CTRL>, <ALT>/<option>, or both). Inside the search box use the <cursor down |
|  | # key> to jump into the search results window, the results can be navigated |
|  | # using the <cursor keys>. Press <Enter> to select an item or <escape> to cancel |
|  | # the search. The filter options can be selected when the cursor is inside the |
|  | # search box by pressing <Shift>+<cursor down>. Also here use the <cursor keys> |
|  | # to select a filter and <Enter> or <escape> to activate or cancel the filter |
|  | # option. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_HTML is set to YES. |
|  |  |
|  | SEARCHENGINE = YES |
|  |  |
|  | # When the SERVER\_BASED\_SEARCH tag is enabled the search engine will be |
|  | # implemented using a web server instead of a web client using JavaScript. There |
|  | # are two flavors of web server based searching depending on the EXTERNAL\_SEARCH |
|  | # setting. When disabled, doxygen will generate a PHP script for searching and |
|  | # an index file used by the script. When EXTERNAL\_SEARCH is enabled the indexing |
|  | # and searching needs to be provided by external tools. See the section |
|  | # "External Indexing and Searching" for details. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | SERVER\_BASED\_SEARCH = NO |
|  |  |
|  | # When EXTERNAL\_SEARCH tag is enabled doxygen will no longer generate the PHP |
|  | # script for searching. Instead the search results are written to an XML file |
|  | # which needs to be processed by an external indexer. Doxygen will invoke an |
|  | # external search engine pointed to by the SEARCHENGINE\_URL option to obtain the |
|  | # search results. |
|  | # |
|  | # Doxygen ships with an example indexer (doxyindexer) and search engine |
|  | # (doxysearch.cgi) which are based on the open source search engine library |
|  | # Xapian (see: https://xapian.org/). |
|  | # |
|  | # See the section "External Indexing and Searching" for details. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | EXTERNAL\_SEARCH = NO |
|  |  |
|  | # The SEARCHENGINE\_URL should point to a search engine hosted by a web server |
|  | # which will return the search results when EXTERNAL\_SEARCH is enabled. |
|  | # |
|  | # Doxygen ships with an example indexer (doxyindexer) and search engine |
|  | # (doxysearch.cgi) which are based on the open source search engine library |
|  | # Xapian (see: https://xapian.org/). See the section "External Indexing and |
|  | # Searching" for details. |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | SEARCHENGINE\_URL = |
|  |  |
|  | # When SERVER\_BASED\_SEARCH and EXTERNAL\_SEARCH are both enabled the unindexed |
|  | # search data is written to a file for indexing by an external tool. With the |
|  | # SEARCHDATA\_FILE tag the name of this file can be specified. |
|  | # The default file is: searchdata.xml. |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | SEARCHDATA\_FILE = searchdata.xml |
|  |  |
|  | # When SERVER\_BASED\_SEARCH and EXTERNAL\_SEARCH are both enabled the |
|  | # EXTERNAL\_SEARCH\_ID tag can be used as an identifier for the project. This is |
|  | # useful in combination with EXTRA\_SEARCH\_MAPPINGS to search through multiple |
|  | # projects and redirect the results back to the right project. |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | EXTERNAL\_SEARCH\_ID = |
|  |  |
|  | # The EXTRA\_SEARCH\_MAPPINGS tag can be used to enable searching through doxygen |
|  | # projects other than the one defined by this configuration file, but that are |
|  | # all added to the same external search index. Each project needs to have a |
|  | # unique id set via EXTERNAL\_SEARCH\_ID. The search mapping then maps the id of |
|  | # to a relative location where the documentation can be found. The format is: |
|  | # EXTRA\_SEARCH\_MAPPINGS = tagname1=loc1 tagname2=loc2 ... |
|  | # This tag requires that the tag SEARCHENGINE is set to YES. |
|  |  |
|  | EXTRA\_SEARCH\_MAPPINGS = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the LaTeX output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_LATEX tag is set to YES, doxygen will generate LaTeX output. |
|  | # The default value is: YES. |
|  |  |
|  | GENERATE\_LATEX = YES |
|  |  |
|  | # The LATEX\_OUTPUT tag is used to specify where the LaTeX docs will be put. If a |
|  | # relative path is entered the value of OUTPUT\_DIRECTORY will be put in front of |
|  | # it. |
|  | # The default directory is: latex. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_OUTPUT = latex |
|  |  |
|  | # The LATEX\_CMD\_NAME tag can be used to specify the LaTeX command name to be |
|  | # invoked. |
|  | # |
|  | # Note that when not enabling USE\_PDFLATEX the default is latex when enabling |
|  | # USE\_PDFLATEX the default is pdflatex and when in the later case latex is |
|  | # chosen this is overwritten by pdflatex. For specific output languages the |
|  | # default can have been set differently, this depends on the implementation of |
|  | # the output language. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_CMD\_NAME = |
|  |  |
|  | # The MAKEINDEX\_CMD\_NAME tag can be used to specify the command name to generate |
|  | # index for LaTeX. |
|  | # Note: This tag is used in the Makefile / make.bat. |
|  | # See also: LATEX\_MAKEINDEX\_CMD for the part in the generated output file |
|  | # (.tex). |
|  | # The default file is: makeindex. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | MAKEINDEX\_CMD\_NAME = makeindex |
|  |  |
|  | # The LATEX\_MAKEINDEX\_CMD tag can be used to specify the command name to |
|  | # generate index for LaTeX. In case there is no backslash (\) as first character |
|  | # it will be automatically added in the LaTeX code. |
|  | # Note: This tag is used in the generated output file (.tex). |
|  | # See also: MAKEINDEX\_CMD\_NAME for the part in the Makefile / make.bat. |
|  | # The default value is: makeindex. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_MAKEINDEX\_CMD = makeindex |
|  |  |
|  | # If the COMPACT\_LATEX tag is set to YES, doxygen generates more compact LaTeX |
|  | # documents. This may be useful for small projects and may help to save some |
|  | # trees in general. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | COMPACT\_LATEX = NO |
|  |  |
|  | # The PAPER\_TYPE tag can be used to set the paper type that is used by the |
|  | # printer. |
|  | # Possible values are: a4 (210 x 297 mm), letter (8.5 x 11 inches), legal (8.5 x |
|  | # 14 inches) and executive (7.25 x 10.5 inches). |
|  | # The default value is: a4. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | PAPER\_TYPE = a4 |
|  |  |
|  | # The EXTRA\_PACKAGES tag can be used to specify one or more LaTeX package names |
|  | # that should be included in the LaTeX output. The package can be specified just |
|  | # by its name or with the correct syntax as to be used with the LaTeX |
|  | # \usepackage command. To get the times font for instance you can specify : |
|  | # EXTRA\_PACKAGES=times or EXTRA\_PACKAGES={times} |
|  | # To use the option intlimits with the amsmath package you can specify: |
|  | # EXTRA\_PACKAGES=[intlimits]{amsmath} |
|  | # If left blank no extra packages will be included. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | EXTRA\_PACKAGES = |
|  |  |
|  | # The LATEX\_HEADER tag can be used to specify a personal LaTeX header for the |
|  | # generated LaTeX document. The header should contain everything until the first |
|  | # chapter. If it is left blank doxygen will generate a standard header. See |
|  | # section "Doxygen usage" for information on how to let doxygen write the |
|  | # default header to a separate file. |
|  | # |
|  | # Note: Only use a user-defined header if you know what you are doing! The |
|  | # following commands have a special meaning inside the header: $title, |
|  | # $datetime, $date, $doxygenversion, $projectname, $projectnumber, |
|  | # $projectbrief, $projectlogo. Doxygen will replace $title with the empty |
|  | # string, for the replacement values of the other commands the user is referred |
|  | # to HTML\_HEADER. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_HEADER = |
|  |  |
|  | # The LATEX\_FOOTER tag can be used to specify a personal LaTeX footer for the |
|  | # generated LaTeX document. The footer should contain everything after the last |
|  | # chapter. If it is left blank doxygen will generate a standard footer. See |
|  | # LATEX\_HEADER for more information on how to generate a default footer and what |
|  | # special commands can be used inside the footer. |
|  | # |
|  | # Note: Only use a user-defined footer if you know what you are doing! |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_FOOTER = |
|  |  |
|  | # The LATEX\_EXTRA\_STYLESHEET tag can be used to specify additional user-defined |
|  | # LaTeX style sheets that are included after the standard style sheets created |
|  | # by doxygen. Using this option one can overrule certain style aspects. Doxygen |
|  | # will copy the style sheet files to the output directory. |
|  | # Note: The order of the extra style sheet files is of importance (e.g. the last |
|  | # style sheet in the list overrules the setting of the previous ones in the |
|  | # list). |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_EXTRA\_STYLESHEET = |
|  |  |
|  | # The LATEX\_EXTRA\_FILES tag can be used to specify one or more extra images or |
|  | # other source files which should be copied to the LATEX\_OUTPUT output |
|  | # directory. Note that the files will be copied as-is; there are no commands or |
|  | # markers available. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_EXTRA\_FILES = |
|  |  |
|  | # If the PDF\_HYPERLINKS tag is set to YES, the LaTeX that is generated is |
|  | # prepared for conversion to PDF (using ps2pdf or pdflatex). The PDF file will |
|  | # contain links (just like the HTML output) instead of page references. This |
|  | # makes the output suitable for online browsing using a PDF viewer. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | PDF\_HYPERLINKS = YES |
|  |  |
|  | # If the USE\_PDFLATEX tag is set to YES, doxygen will use pdflatex to generate |
|  | # the PDF file directly from the LaTeX files. Set this option to YES, to get a |
|  | # higher quality PDF documentation. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | USE\_PDFLATEX = YES |
|  |  |
|  | # If the LATEX\_BATCHMODE tag is set to YES, doxygen will add the \batchmode |
|  | # command to the generated LaTeX files. This will instruct LaTeX to keep running |
|  | # if errors occur, instead of asking the user for help. This option is also used |
|  | # when generating formulas in HTML. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_BATCHMODE = NO |
|  |  |
|  | # If the LATEX\_HIDE\_INDICES tag is set to YES then doxygen will not include the |
|  | # index chapters (such as File Index, Compound Index, etc.) in the output. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_HIDE\_INDICES = NO |
|  |  |
|  | # If the LATEX\_SOURCE\_CODE tag is set to YES then doxygen will include source |
|  | # code with syntax highlighting in the LaTeX output. |
|  | # |
|  | # Note that which sources are shown also depends on other settings such as |
|  | # SOURCE\_BROWSER. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_SOURCE\_CODE = NO |
|  |  |
|  | # The LATEX\_BIB\_STYLE tag can be used to specify the style to use for the |
|  | # bibliography, e.g. plainnat, or ieeetr. See |
|  | # https://en.wikipedia.org/wiki/BibTeX and \cite for more info. |
|  | # The default value is: plain. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_BIB\_STYLE = plain |
|  |  |
|  | # If the LATEX\_TIMESTAMP tag is set to YES then the footer of each generated |
|  | # page will contain the date and time when the page was generated. Setting this |
|  | # to NO can help when comparing the output of multiple runs. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_TIMESTAMP = NO |
|  |  |
|  | # The LATEX\_EMOJI\_DIRECTORY tag is used to specify the (relative or absolute) |
|  | # path from which the emoji images will be read. If a relative path is entered, |
|  | # it will be relative to the LATEX\_OUTPUT directory. If left blank the |
|  | # LATEX\_OUTPUT directory will be used. |
|  | # This tag requires that the tag GENERATE\_LATEX is set to YES. |
|  |  |
|  | LATEX\_EMOJI\_DIRECTORY = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the RTF output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_RTF tag is set to YES, doxygen will generate RTF output. The |
|  | # RTF output is optimized for Word 97 and may not look too pretty with other RTF |
|  | # readers/editors. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_RTF = NO |
|  |  |
|  | # The RTF\_OUTPUT tag is used to specify where the RTF docs will be put. If a |
|  | # relative path is entered the value of OUTPUT\_DIRECTORY will be put in front of |
|  | # it. |
|  | # The default directory is: rtf. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | RTF\_OUTPUT = rtf |
|  |  |
|  | # If the COMPACT\_RTF tag is set to YES, doxygen generates more compact RTF |
|  | # documents. This may be useful for small projects and may help to save some |
|  | # trees in general. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | COMPACT\_RTF = NO |
|  |  |
|  | # If the RTF\_HYPERLINKS tag is set to YES, the RTF that is generated will |
|  | # contain hyperlink fields. The RTF file will contain links (just like the HTML |
|  | # output) instead of page references. This makes the output suitable for online |
|  | # browsing using Word or some other Word compatible readers that support those |
|  | # fields. |
|  | # |
|  | # Note: WordPad (write) and others do not support links. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | RTF\_HYPERLINKS = NO |
|  |  |
|  | # Load stylesheet definitions from file. Syntax is similar to doxygen's |
|  | # configuration file, i.e. a series of assignments. You only have to provide |
|  | # replacements, missing definitions are set to their default value. |
|  | # |
|  | # See also section "Doxygen usage" for information on how to generate the |
|  | # default style sheet that doxygen normally uses. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | RTF\_STYLESHEET\_FILE = |
|  |  |
|  | # Set optional variables used in the generation of an RTF document. Syntax is |
|  | # similar to doxygen's configuration file. A template extensions file can be |
|  | # generated using doxygen -e rtf extensionFile. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | RTF\_EXTENSIONS\_FILE = |
|  |  |
|  | # If the RTF\_SOURCE\_CODE tag is set to YES then doxygen will include source code |
|  | # with syntax highlighting in the RTF output. |
|  | # |
|  | # Note that which sources are shown also depends on other settings such as |
|  | # SOURCE\_BROWSER. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_RTF is set to YES. |
|  |  |
|  | RTF\_SOURCE\_CODE = NO |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the man page output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_MAN tag is set to YES, doxygen will generate man pages for |
|  | # classes and files. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_MAN = NO |
|  |  |
|  | # The MAN\_OUTPUT tag is used to specify where the man pages will be put. If a |
|  | # relative path is entered the value of OUTPUT\_DIRECTORY will be put in front of |
|  | # it. A directory man3 will be created inside the directory specified by |
|  | # MAN\_OUTPUT. |
|  | # The default directory is: man. |
|  | # This tag requires that the tag GENERATE\_MAN is set to YES. |
|  |  |
|  | MAN\_OUTPUT = man |
|  |  |
|  | # The MAN\_EXTENSION tag determines the extension that is added to the generated |
|  | # man pages. In case the manual section does not start with a number, the number |
|  | # 3 is prepended. The dot (.) at the beginning of the MAN\_EXTENSION tag is |
|  | # optional. |
|  | # The default value is: .3. |
|  | # This tag requires that the tag GENERATE\_MAN is set to YES. |
|  |  |
|  | MAN\_EXTENSION = .3 |
|  |  |
|  | # The MAN\_SUBDIR tag determines the name of the directory created within |
|  | # MAN\_OUTPUT in which the man pages are placed. If defaults to man followed by |
|  | # MAN\_EXTENSION with the initial . removed. |
|  | # This tag requires that the tag GENERATE\_MAN is set to YES. |
|  |  |
|  | MAN\_SUBDIR = |
|  |  |
|  | # If the MAN\_LINKS tag is set to YES and doxygen generates man output, then it |
|  | # will generate one additional man file for each entity documented in the real |
|  | # man page(s). These additional files only source the real man page, but without |
|  | # them the man command would be unable to find the correct page. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_MAN is set to YES. |
|  |  |
|  | MAN\_LINKS = NO |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the XML output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_XML tag is set to YES, doxygen will generate an XML file that |
|  | # captures the structure of the code including all documentation. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_XML = NO |
|  |  |
|  | # The XML\_OUTPUT tag is used to specify where the XML pages will be put. If a |
|  | # relative path is entered the value of OUTPUT\_DIRECTORY will be put in front of |
|  | # it. |
|  | # The default directory is: xml. |
|  | # This tag requires that the tag GENERATE\_XML is set to YES. |
|  |  |
|  | XML\_OUTPUT = xml |
|  |  |
|  | # If the XML\_PROGRAMLISTING tag is set to YES, doxygen will dump the program |
|  | # listings (including syntax highlighting and cross-referencing information) to |
|  | # the XML output. Note that enabling this will significantly increase the size |
|  | # of the XML output. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_XML is set to YES. |
|  |  |
|  | XML\_PROGRAMLISTING = YES |
|  |  |
|  | # If the XML\_NS\_MEMB\_FILE\_SCOPE tag is set to YES, doxygen will include |
|  | # namespace members in file scope as well, matching the HTML output. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_XML is set to YES. |
|  |  |
|  | XML\_NS\_MEMB\_FILE\_SCOPE = NO |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the DOCBOOK output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_DOCBOOK tag is set to YES, doxygen will generate Docbook files |
|  | # that can be used to generate PDF. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_DOCBOOK = NO |
|  |  |
|  | # The DOCBOOK\_OUTPUT tag is used to specify where the Docbook pages will be put. |
|  | # If a relative path is entered the value of OUTPUT\_DIRECTORY will be put in |
|  | # front of it. |
|  | # The default directory is: docbook. |
|  | # This tag requires that the tag GENERATE\_DOCBOOK is set to YES. |
|  |  |
|  | DOCBOOK\_OUTPUT = docbook |
|  |  |
|  | # If the DOCBOOK\_PROGRAMLISTING tag is set to YES, doxygen will include the |
|  | # program listings (including syntax highlighting and cross-referencing |
|  | # information) to the DOCBOOK output. Note that enabling this will significantly |
|  | # increase the size of the DOCBOOK output. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_DOCBOOK is set to YES. |
|  |  |
|  | DOCBOOK\_PROGRAMLISTING = NO |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options for the AutoGen Definitions output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_AUTOGEN\_DEF tag is set to YES, doxygen will generate an |
|  | # AutoGen Definitions (see http://autogen.sourceforge.net/) file that captures |
|  | # the structure of the code including all documentation. Note that this feature |
|  | # is still experimental and incomplete at the moment. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_AUTOGEN\_DEF = NO |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the Perl module output |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the GENERATE\_PERLMOD tag is set to YES, doxygen will generate a Perl module |
|  | # file that captures the structure of the code including all documentation. |
|  | # |
|  | # Note that this feature is still experimental and incomplete at the moment. |
|  | # The default value is: NO. |
|  |  |
|  | GENERATE\_PERLMOD = NO |
|  |  |
|  | # If the PERLMOD\_LATEX tag is set to YES, doxygen will generate the necessary |
|  | # Makefile rules, Perl scripts and LaTeX code to be able to generate PDF and DVI |
|  | # output from the Perl module output. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag GENERATE\_PERLMOD is set to YES. |
|  |  |
|  | PERLMOD\_LATEX = NO |
|  |  |
|  | # If the PERLMOD\_PRETTY tag is set to YES, the Perl module output will be nicely |
|  | # formatted so it can be parsed by a human reader. This is useful if you want to |
|  | # understand what is going on. On the other hand, if this tag is set to NO, the |
|  | # size of the Perl module output will be much smaller and Perl will parse it |
|  | # just the same. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag GENERATE\_PERLMOD is set to YES. |
|  |  |
|  | PERLMOD\_PRETTY = YES |
|  |  |
|  | # The names of the make variables in the generated doxyrules.make file are |
|  | # prefixed with the string contained in PERLMOD\_MAKEVAR\_PREFIX. This is useful |
|  | # so different doxyrules.make files included by the same Makefile don't |
|  | # overwrite each other's variables. |
|  | # This tag requires that the tag GENERATE\_PERLMOD is set to YES. |
|  |  |
|  | PERLMOD\_MAKEVAR\_PREFIX = |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the preprocessor |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the ENABLE\_PREPROCESSING tag is set to YES, doxygen will evaluate all |
|  | # C-preprocessor directives found in the sources and include files. |
|  | # The default value is: YES. |
|  |  |
|  | ENABLE\_PREPROCESSING = YES |
|  |  |
|  | # If the MACRO\_EXPANSION tag is set to YES, doxygen will expand all macro names |
|  | # in the source code. If set to NO, only conditional compilation will be |
|  | # performed. Macro expansion can be done in a controlled way by setting |
|  | # EXPAND\_ONLY\_PREDEF to YES. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | MACRO\_EXPANSION = NO |
|  |  |
|  | # If the EXPAND\_ONLY\_PREDEF and MACRO\_EXPANSION tags are both set to YES then |
|  | # the macro expansion is limited to the macros specified with the PREDEFINED and |
|  | # EXPAND\_AS\_DEFINED tags. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | EXPAND\_ONLY\_PREDEF = NO |
|  |  |
|  | # If the SEARCH\_INCLUDES tag is set to YES, the include files in the |
|  | # INCLUDE\_PATH will be searched if a #include is found. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | SEARCH\_INCLUDES = YES |
|  |  |
|  | # The INCLUDE\_PATH tag can be used to specify one or more directories that |
|  | # contain include files that are not input files but should be processed by the |
|  | # preprocessor. |
|  | # This tag requires that the tag SEARCH\_INCLUDES is set to YES. |
|  |  |
|  | INCLUDE\_PATH = |
|  |  |
|  | # You can use the INCLUDE\_FILE\_PATTERNS tag to specify one or more wildcard |
|  | # patterns (like \*.h and \*.hpp) to filter out the header-files in the |
|  | # directories. If left blank, the patterns specified with FILE\_PATTERNS will be |
|  | # used. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | INCLUDE\_FILE\_PATTERNS = |
|  |  |
|  | # The PREDEFINED tag can be used to specify one or more macro names that are |
|  | # defined before the preprocessor is started (similar to the -D option of e.g. |
|  | # gcc). The argument of the tag is a list of macros of the form: name or |
|  | # name=definition (no spaces). If the definition and the "=" are omitted, "=1" |
|  | # is assumed. To prevent a macro definition from being undefined via #undef or |
|  | # recursively expanded use the := operator instead of the = operator. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | PREDEFINED = |
|  |  |
|  | # If the MACRO\_EXPANSION and EXPAND\_ONLY\_PREDEF tags are set to YES then this |
|  | # tag can be used to specify a list of macro names that should be expanded. The |
|  | # macro definition that is found in the sources will be used. Use the PREDEFINED |
|  | # tag if you want to use a different macro definition that overrules the |
|  | # definition found in the source code. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | EXPAND\_AS\_DEFINED = |
|  |  |
|  | # If the SKIP\_FUNCTION\_MACROS tag is set to YES then doxygen's preprocessor will |
|  | # remove all references to function-like macros that are alone on a line, have |
|  | # an all uppercase name, and do not end with a semicolon. Such function macros |
|  | # are typically used for boiler-plate code, and will confuse the parser if not |
|  | # removed. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag ENABLE\_PREPROCESSING is set to YES. |
|  |  |
|  | SKIP\_FUNCTION\_MACROS = YES |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to external references |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # The TAGFILES tag can be used to specify one or more tag files. For each tag |
|  | # file the location of the external documentation should be added. The format of |
|  | # a tag file without this location is as follows: |
|  | # TAGFILES = file1 file2 ... |
|  | # Adding location for the tag files is done as follows: |
|  | # TAGFILES = file1=loc1 "file2 = loc2" ... |
|  | # where loc1 and loc2 can be relative or absolute paths or URLs. See the |
|  | # section "Linking to external documentation" for more information about the use |
|  | # of tag files. |
|  | # Note: Each tag file must have a unique name (where the name does NOT include |
|  | # the path). If a tag file is not located in the directory in which doxygen is |
|  | # run, you must also specify the path to the tagfile here. |
|  |  |
|  | TAGFILES = |
|  |  |
|  | # When a file name is specified after GENERATE\_TAGFILE, doxygen will create a |
|  | # tag file that is based on the input files it reads. See section "Linking to |
|  | # external documentation" for more information about the usage of tag files. |
|  |  |
|  | GENERATE\_TAGFILE = |
|  |  |
|  | # If the ALLEXTERNALS tag is set to YES, all external class will be listed in |
|  | # the class index. If set to NO, only the inherited external classes will be |
|  | # listed. |
|  | # The default value is: NO. |
|  |  |
|  | ALLEXTERNALS = NO |
|  |  |
|  | # If the EXTERNAL\_GROUPS tag is set to YES, all external groups will be listed |
|  | # in the modules index. If set to NO, only the current project's groups will be |
|  | # listed. |
|  | # The default value is: YES. |
|  |  |
|  | EXTERNAL\_GROUPS = YES |
|  |  |
|  | # If the EXTERNAL\_PAGES tag is set to YES, all external pages will be listed in |
|  | # the related pages index. If set to NO, only the current project's pages will |
|  | # be listed. |
|  | # The default value is: YES. |
|  |  |
|  | EXTERNAL\_PAGES = YES |
|  |  |
|  | #--------------------------------------------------------------------------- |
|  | # Configuration options related to the dot tool |
|  | #--------------------------------------------------------------------------- |
|  |  |
|  | # If the CLASS\_DIAGRAMS tag is set to YES, doxygen will generate a class diagram |
|  | # (in HTML and LaTeX) for classes with base or super classes. Setting the tag to |
|  | # NO turns the diagrams off. Note that this option also works with HAVE\_DOT |
|  | # disabled, but it is recommended to install and use dot, since it yields more |
|  | # powerful graphs. |
|  | # The default value is: YES. |
|  |  |
|  | CLASS\_DIAGRAMS = YES |
|  |  |
|  | # You can include diagrams made with dia in doxygen documentation. Doxygen will |
|  | # then run dia to produce the diagram and insert it in the documentation. The |
|  | # DIA\_PATH tag allows you to specify the directory where the dia binary resides. |
|  | # If left empty dia is assumed to be found in the default search path. |
|  |  |
|  | DIA\_PATH = |
|  |  |
|  | # If set to YES the inheritance and collaboration graphs will hide inheritance |
|  | # and usage relations if the target is undocumented or is not a class. |
|  | # The default value is: YES. |
|  |  |
|  | HIDE\_UNDOC\_RELATIONS = YES |
|  |  |
|  | # If you set the HAVE\_DOT tag to YES then doxygen will assume the dot tool is |
|  | # available from the path. This tool is part of Graphviz (see: |
|  | # http://www.graphviz.org/), a graph visualization toolkit from AT&T and Lucent |
|  | # Bell Labs. The other options in this section have no effect if this option is |
|  | # set to NO |
|  | # The default value is: YES. |
|  |  |
|  | HAVE\_DOT = YES |
|  |  |
|  | # The DOT\_NUM\_THREADS specifies the number of dot invocations doxygen is allowed |
|  | # to run in parallel. When set to 0 doxygen will base this on the number of |
|  | # processors available in the system. You can set it explicitly to a value |
|  | # larger than 0 to get control over the balance between CPU load and processing |
|  | # speed. |
|  | # Minimum value: 0, maximum value: 32, default value: 0. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_NUM\_THREADS = 0 |
|  |  |
|  | # When you want a differently looking font in the dot files that doxygen |
|  | # generates you can specify the font name using DOT\_FONTNAME. You need to make |
|  | # sure dot is able to find the font, which can be done by putting it in a |
|  | # standard location or by setting the DOTFONTPATH environment variable or by |
|  | # setting DOT\_FONTPATH to the directory containing the font. |
|  | # The default value is: Helvetica. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_FONTNAME = Helvetica |
|  |  |
|  | # The DOT\_FONTSIZE tag can be used to set the size (in points) of the font of |
|  | # dot graphs. |
|  | # Minimum value: 4, maximum value: 24, default value: 10. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_FONTSIZE = 10 |
|  |  |
|  | # By default doxygen will tell dot to use the default font as specified with |
|  | # DOT\_FONTNAME. If you specify a different font using DOT\_FONTNAME you can set |
|  | # the path where dot can find it using this tag. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_FONTPATH = |
|  |  |
|  | # If the CLASS\_GRAPH tag is set to YES then doxygen will generate a graph for |
|  | # each documented class showing the direct and indirect inheritance relations. |
|  | # Setting this tag to YES will force the CLASS\_DIAGRAMS tag to NO. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | CLASS\_GRAPH = YES |
|  |  |
|  | # If the COLLABORATION\_GRAPH tag is set to YES then doxygen will generate a |
|  | # graph for each documented class showing the direct and indirect implementation |
|  | # dependencies (inheritance, containment, and class references variables) of the |
|  | # class with other documented classes. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | COLLABORATION\_GRAPH = YES |
|  |  |
|  | # If the GROUP\_GRAPHS tag is set to YES then doxygen will generate a graph for |
|  | # groups, showing the direct groups dependencies. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | GROUP\_GRAPHS = YES |
|  |  |
|  | # If the UML\_LOOK tag is set to YES, doxygen will generate inheritance and |
|  | # collaboration diagrams in a style similar to the OMG's Unified Modeling |
|  | # Language. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | UML\_LOOK = NO |
|  |  |
|  | # If the UML\_LOOK tag is enabled, the fields and methods are shown inside the |
|  | # class node. If there are many fields or methods and many nodes the graph may |
|  | # become too big to be useful. The UML\_LIMIT\_NUM\_FIELDS threshold limits the |
|  | # number of items for each type to make the size more manageable. Set this to 0 |
|  | # for no limit. Note that the threshold may be exceeded by 50% before the limit |
|  | # is enforced. So when you set the threshold to 10, up to 15 fields may appear, |
|  | # but if the number exceeds 15, the total amount of fields shown is limited to |
|  | # 10. |
|  | # Minimum value: 0, maximum value: 100, default value: 10. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | UML\_LIMIT\_NUM\_FIELDS = 10 |
|  |  |
|  | # If the TEMPLATE\_RELATIONS tag is set to YES then the inheritance and |
|  | # collaboration graphs will show the relations between templates and their |
|  | # instances. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | TEMPLATE\_RELATIONS = NO |
|  |  |
|  | # If the INCLUDE\_GRAPH, ENABLE\_PREPROCESSING and SEARCH\_INCLUDES tags are set to |
|  | # YES then doxygen will generate a graph for each documented file showing the |
|  | # direct and indirect include dependencies of the file with other documented |
|  | # files. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | INCLUDE\_GRAPH = YES |
|  |  |
|  | # If the INCLUDED\_BY\_GRAPH, ENABLE\_PREPROCESSING and SEARCH\_INCLUDES tags are |
|  | # set to YES then doxygen will generate a graph for each documented file showing |
|  | # the direct and indirect include dependencies of the file with other documented |
|  | # files. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | INCLUDED\_BY\_GRAPH = YES |
|  |  |
|  | # If the CALL\_GRAPH tag is set to YES then doxygen will generate a call |
|  | # dependency graph for every global function or class method. |
|  | # |
|  | # Note that enabling this option will significantly increase the time of a run. |
|  | # So in most cases it will be better to enable call graphs for selected |
|  | # functions only using the \callgraph command. Disabling a call graph can be |
|  | # accomplished by means of the command \hidecallgraph. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | CALL\_GRAPH = NO |
|  |  |
|  | # If the CALLER\_GRAPH tag is set to YES then doxygen will generate a caller |
|  | # dependency graph for every global function or class method. |
|  | # |
|  | # Note that enabling this option will significantly increase the time of a run. |
|  | # So in most cases it will be better to enable caller graphs for selected |
|  | # functions only using the \callergraph command. Disabling a caller graph can be |
|  | # accomplished by means of the command \hidecallergraph. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | CALLER\_GRAPH = NO |
|  |  |
|  | # If the GRAPHICAL\_HIERARCHY tag is set to YES then doxygen will graphical |
|  | # hierarchy of all classes instead of a textual one. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | GRAPHICAL\_HIERARCHY = YES |
|  |  |
|  | # If the DIRECTORY\_GRAPH tag is set to YES then doxygen will show the |
|  | # dependencies a directory has on other directories in a graphical way. The |
|  | # dependency relations are determined by the #include relations between the |
|  | # files in the directories. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DIRECTORY\_GRAPH = YES |
|  |  |
|  | # The DOT\_IMAGE\_FORMAT tag can be used to set the image format of the images |
|  | # generated by dot. For an explanation of the image formats see the section |
|  | # output formats in the documentation of the dot tool (Graphviz (see: |
|  | # http://www.graphviz.org/)). |
|  | # Note: If you choose svg you need to set HTML\_FILE\_EXTENSION to xhtml in order |
|  | # to make the SVG files visible in IE 9+ (other browsers do not have this |
|  | # requirement). |
|  | # Possible values are: png, png:cairo, png:cairo:cairo, png:cairo:gd, png:gd, |
|  | # png:gd:gd, jpg, jpg:cairo, jpg:cairo:gd, jpg:gd, jpg:gd:gd, gif, gif:cairo, |
|  | # gif:cairo:gd, gif:gd, gif:gd:gd, svg, png:gd, png:gd:gd, png:cairo, |
|  | # png:cairo:gd, png:cairo:cairo, png:cairo:gdiplus, png:gdiplus and |
|  | # png:gdiplus:gdiplus. |
|  | # The default value is: png. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_IMAGE\_FORMAT = png |
|  |  |
|  | # If DOT\_IMAGE\_FORMAT is set to svg, then this option can be set to YES to |
|  | # enable generation of interactive SVG images that allow zooming and panning. |
|  | # |
|  | # Note that this requires a modern browser other than Internet Explorer. Tested |
|  | # and working are Firefox, Chrome, Safari, and Opera. |
|  | # Note: For IE 9+ you need to set HTML\_FILE\_EXTENSION to xhtml in order to make |
|  | # the SVG files visible. Older versions of IE do not have SVG support. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | INTERACTIVE\_SVG = NO |
|  |  |
|  | # The DOT\_PATH tag can be used to specify the path where the dot tool can be |
|  | # found. If left blank, it is assumed the dot tool can be found in the path. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_PATH = |
|  |  |
|  | # The DOTFILE\_DIRS tag can be used to specify one or more directories that |
|  | # contain dot files that are included in the documentation (see the \dotfile |
|  | # command). |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOTFILE\_DIRS = |
|  |  |
|  | # The MSCFILE\_DIRS tag can be used to specify one or more directories that |
|  | # contain msc files that are included in the documentation (see the \mscfile |
|  | # command). |
|  |  |
|  | MSCFILE\_DIRS = |
|  |  |
|  | # The DIAFILE\_DIRS tag can be used to specify one or more directories that |
|  | # contain dia files that are included in the documentation (see the \diafile |
|  | # command). |
|  |  |
|  | DIAFILE\_DIRS = |
|  |  |
|  | # When using plantuml, the PLANTUML\_JAR\_PATH tag should be used to specify the |
|  | # path where java can find the plantuml.jar file. If left blank, it is assumed |
|  | # PlantUML is not used or called during a preprocessing step. Doxygen will |
|  | # generate a warning when it encounters a \startuml command in this case and |
|  | # will not generate output for the diagram. |
|  |  |
|  | PLANTUML\_JAR\_PATH = |
|  |  |
|  | # When using plantuml, the PLANTUML\_CFG\_FILE tag can be used to specify a |
|  | # configuration file for plantuml. |
|  |  |
|  | PLANTUML\_CFG\_FILE = |
|  |  |
|  | # When using plantuml, the specified paths are searched for files specified by |
|  | # the !include statement in a plantuml block. |
|  |  |
|  | PLANTUML\_INCLUDE\_PATH = |
|  |  |
|  | # The DOT\_GRAPH\_MAX\_NODES tag can be used to set the maximum number of nodes |
|  | # that will be shown in the graph. If the number of nodes in a graph becomes |
|  | # larger than this value, doxygen will truncate the graph, which is visualized |
|  | # by representing a node as a red box. Note that doxygen if the number of direct |
|  | # children of the root node in a graph is already larger than |
|  | # DOT\_GRAPH\_MAX\_NODES then the graph will not be shown at all. Also note that |
|  | # the size of a graph can be further restricted by MAX\_DOT\_GRAPH\_DEPTH. |
|  | # Minimum value: 0, maximum value: 10000, default value: 50. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_GRAPH\_MAX\_NODES = 50 |
|  |  |
|  | # The MAX\_DOT\_GRAPH\_DEPTH tag can be used to set the maximum depth of the graphs |
|  | # generated by dot. A depth value of 3 means that only nodes reachable from the |
|  | # root by following a path via at most 3 edges will be shown. Nodes that lay |
|  | # further from the root node will be omitted. Note that setting this option to 1 |
|  | # or 2 may greatly reduce the computation time needed for large code bases. Also |
|  | # note that the size of a graph can be further restricted by |
|  | # DOT\_GRAPH\_MAX\_NODES. Using a depth of 0 means no depth restriction. |
|  | # Minimum value: 0, maximum value: 1000, default value: 0. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | MAX\_DOT\_GRAPH\_DEPTH = 0 |
|  |  |
|  | # Set the DOT\_TRANSPARENT tag to YES to generate images with a transparent |
|  | # background. This is disabled by default, because dot on Windows does not seem |
|  | # to support this out of the box. |
|  | # |
|  | # Warning: Depending on the platform used, enabling this option may lead to |
|  | # badly anti-aliased labels on the edges of a graph (i.e. they become hard to |
|  | # read). |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_TRANSPARENT = NO |
|  |  |
|  | # Set the DOT\_MULTI\_TARGETS tag to YES to allow dot to generate multiple output |
|  | # files in one run (i.e. multiple -o and -T options on the command line). This |
|  | # makes dot run faster, but since only newer versions of dot (>1.8.10) support |
|  | # this, this feature is disabled by default. |
|  | # The default value is: NO. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_MULTI\_TARGETS = NO |
|  |  |
|  | # If the GENERATE\_LEGEND tag is set to YES doxygen will generate a legend page |
|  | # explaining the meaning of the various boxes and arrows in the dot generated |
|  | # graphs. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | GENERATE\_LEGEND = YES |
|  |  |
|  | # If the DOT\_CLEANUP tag is set to YES, doxygen will remove the intermediate dot |
|  | # files that are used to generate the various graphs. |
|  | # The default value is: YES. |
|  | # This tag requires that the tag HAVE\_DOT is set to YES. |
|  |  |
|  | DOT\_CLEANUP = YES |