

# doxygen

## cheat sheet

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|--|--|
| <code>///</code>                                 | Starts a single-line of documentation (forward association)                |
| <code>///<br/>/** */</code>                      | Starts a single-line of documentation (backward association)               |
| <code>/** */</code>                              | Encloses multiple-lines of documentation (forward association)             |
| <code>/**&lt; */</code>                          | Encloses multiple-lines of documentation (backward association)            |
| <code>@file [&lt;name&gt;] ...</code>            | File name followed by description  |
| <code>@brief {description}</code>                | Brief description  |
| <code>@param &lt;name&gt; {description}</code>   | Parameter name followed by description                                     |
| <code>@return {description}</code>               | Function or method return description                                      |
| <code>@retval &lt;value&gt; {description}</code> | Function or method return value and description (don't use with IFXRESULT) |
| <code>@pre {description}</code>                  | Description of preconditions to function or method call                    |
| <code>@post {description}</code>                 | Description of postconditions upon function or method return               |
| <code>@note {description}</code>                 | Note description   |
| <code>@warning {description}</code>              | Warning description  |
| <code>@par &lt;title&gt; {description}</code>    | Custom paragraph title followed by description                             |
| <code>@todo {description}</code>                 | Todo description (these all get grouped on a special page)                 |
| <code>@b &lt;word&gt;</code>                     | Next word is bold  |
| <code>@c &lt;word&gt;</code>                     | Next word is code using courier  |
| <code>@e &lt;word&gt;</code>                     | Emphasize next word with italics   |
| <code>@code</code>                               | Begins code description using courier (maintain exact formatting)          |
| <code>@endcode</code>                            | Ends @code description (these must be paired)                              |
| <code>@verbatim</code>                           | Begins description using courier (maintain exact formatting)               |
| <code>@endverbatim</code>                        | Ends @verbatim description (these must be paired)                          |
| <code>\n</code>                                  | Insert a new line (force a line break)                                     |
| <code>- (item)</code>                            | Bulleted list item (if at start of line)                                   |
| <code>-# (item)</code>                           | Numbered list item (if at start of line)                                   |
| <code>@image html "image.jpg"</code>             | Show image from Art\Final\doxygen dir                                      |
| <code>http://www.url.com/</code>                 | Embedded URL links are automatically generated                             |

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|----------------------------|---|
| <code>&lt;sharp&gt;</code> | braces for word arguments                 |
| <code>(round)</code>       | braces for until end of line arguments    |
| <code>{curly}</code>       | braces for until next paragraph arguments |
| <code>[square]</code>      | brackets for optional arguments           |

*Note: The '@' character is used to specify commands instead of '\' to make embedded HTML stand out.*