# phpDocumentor Tags

| Standard Tag | Values | Description |
|---|---|---|
| @abstract | | Document an abstract class, class variable or method |
| @access | private<br>protected<br>public | Access control for an element. @access private prevents documentation of the following element (if enabled). |
| @author | authorname | Author of current element |
| @category | categoryname | Specify a category to organize the documented element's package into |
| @copyright | copyright information | Document Copyright information |
| @deprecated | version/info string | Document elements that have been deprecated and should not be used as they may be removed at any time from a future version |
| @example | /path/to/example.php  description<br>or<br>relativepath/to/example.php  description | Include an external example file with syntax highlighting |
| @final | | Document a class method that should never be overridden in a child class |
| @filesource | | create a syntax-highlighted cross-referenced file containing source code of the current file and link to it |
| @global | datatype  $globalvariablename<br>datatype description | Document a global variable, or its use in a function/method |
| @ignore | | Prevent documentation of an element |
| @internal | any information that should not be displayed in public documentation [unspecified format] | Mark documentation as private, internal to the software project |
| @license | URL  name of license | Display a hyperlink to a URL for a license |
| @link | URL  link text<br>URL, URL, URL... | Display a hyperlink to a URL in the documentation |
| @name | $globalvariablename | Specify an alias to use for a procedural page or global variable in displayed documentation and linking |
| @package | packagename | Specify package to group classes or functions and defines into |
| @param | datatype  $paramname  description<br>array<br>boolean<br>integer<br>mixed<br>string | Document a function parameter |
| @return | datatype  description | Specify the return type of a function or method |
| @see | file.ext|elementname|class::methodname()|class::$variablename|functionname()|function functionname  unlimited number of values separated by commas | Display a link to the documentation for an element |
| @since | version/info string [unspecified format] | Document when (at which version) an element was first added to a package |
| @static | | Document a static class or method |
| @staticvar | datatype  description | Document a static variable's use in a function/method |
| @subpackage | subpackagename | Specify sub-package to group classes or functions and defines into. Requires @package tag |
| @todo | information string [unspecified format] | Document changes that will be made in the future |
| @tutorial | package/  subpackage/  tutorialname.ext #section.subsection  description | Display a link to the documentation for a tutorial |
| @uses | file.ext|elementname|class::methodname()|class::$variablename|functionname()|function functionname  description of how the element is used | Display a link to the documentation for an element, and create a backlink in the other element's documentation to this |
| @var | datatype  description | Document the data type of a class variable |
| @version | versionstring [unspecified format] | Version of current element |

| Inline Tag | Values | Description |
|---|---|---|
| {@example} | {@example  /path/to/example.php  startline number of lines}<br>{@example url://path/to/example.php startline number of lines}<br>{@example relative/path/to/example.php startline number of lines} | Display source code of an example file inline |
| {@id} | {@id sectionname} | Used to control XML tutorial ids in refsects |
| {@internal}} | {@internal  any text including inline tags}} | Mark documentation as private, internal to the software project in text flow |
| {@inheritdoc} | | Used to directly inherit the long description from the parent class in child classes |
| {@link} | {@link  URL  description}<br>{@link  element  description} | Display a link to a URL, or link to an element's documentation in the the flow of descriptive text |
| {@source} | {@source  startline number of lines} | Display source code of a function or method in the long description |
| {@toc} | {@toc} | Display a table of contents of all {@id}s declared in a file |
| {@tutorial} | {@tutorial  package/  subpackage/ tutorialname.ext  #section.subsection description}} | Display a link to a tutorial in the flow of descriptive text |

## Sample DocBlocks

### File

```
/**
 * File docBlock description
 *
 * This block demonstrates the rich
 * information that can be included
 * in in-code documentation through
 * DocBlocks and tags
 * @author Jane Doe <jdoe@php.net>
 * @version 1.0
 * @package sample
 */
```

### Variable

```
/**
 * Global variable declaration docBlock
 * @global integer $GLOBALS['_myvar']
 * @name $_myvar
 */

$GLOBALS['_myvar'] = 6;
```

### Class

```
/**
 * An example class, this is grouped with
 * other classes in the "sample" package and
 * is part of "classes" subpackage
 * @package sample
 * @subpackage classes
 */

class myclass {
…
}
```

### Function

```
/**
 * A sample function docblock
 * @global string document the use $_myvar
 * @staticvar integer $staticvar is returned
 * @param string $param1 name to declare
 * @param string $param2 value of the name
 * @return integer
 */

function aFunc($param1, $param2='optional') {
    static $staticvar = 7;
    global $_myvar;
    return $staticvar;
}
```