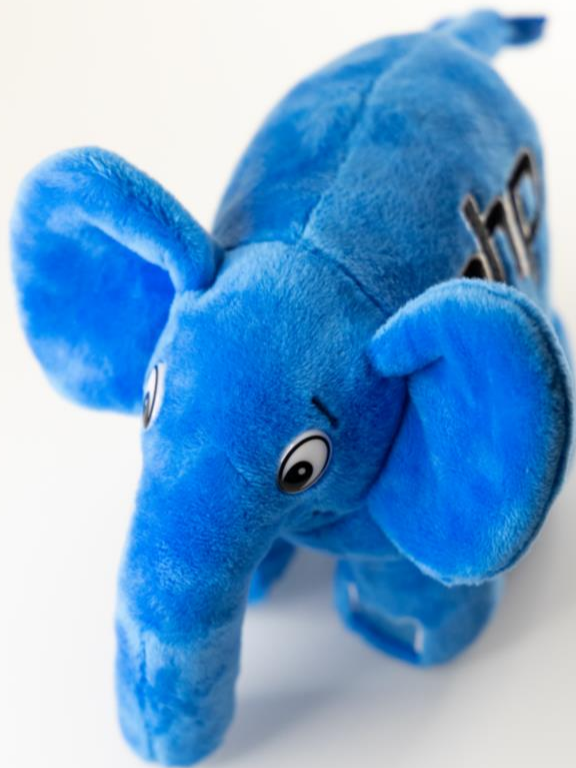


PHPDoc

Disclaimer: вы смотрите просто запись лекции,
это НЕ специально подготовленный видеокурс!



PHPDoc is an adaptation of the Javadoc documentation generation system for use with PHP. It supports both object-oriented and procedural code in documents and has a simple and reasonably well-structured internal syntax.

One of the widely used tools for generating documentation based on PHPDoc is phpDocumentor (<https://www.phpdoc.org>).

General concept

The detailed description of PHPDoc is quite long (albeit very simple):

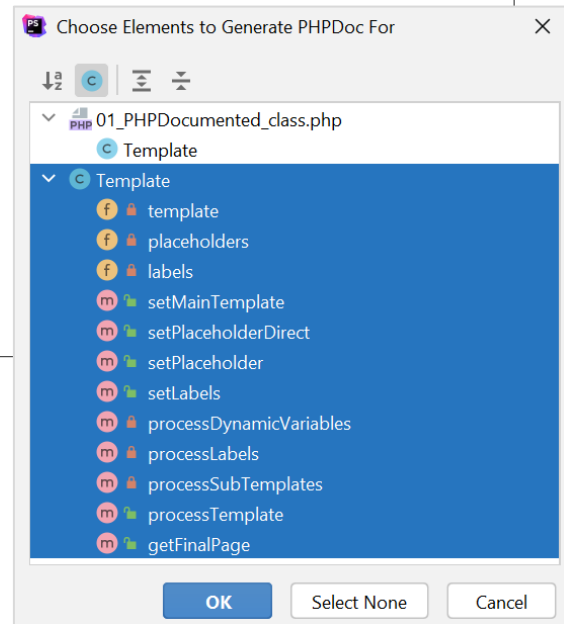
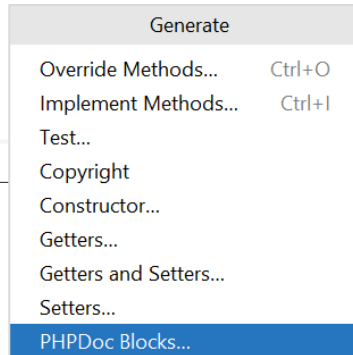
<https://docs.phpdoc.org/3.0/guide/getting-started/what-is-a-docblock.html>

We will consider the general concept with an example.

Be sure to read the full description, if only to know what tags PHPDoc supports.

How to create PHPDoc

1. In PHP Storm...
 - a. Click on your class name.
 - b. Press Alt+Ins.
 - c. Select “PHPDoc Blocks”.
 - d. Select all code blocks you want.
 - e. Click OK.
2. Add meaningful text to all blocks.
3. Generate PHPDoc (we’ll see it soon).



Be sure to add meaningful text to all blocks

Be sure to add meaningful text to all blocks, i.e. to do something like this.

```
/**
 * Returns final data (with optional pre-processing).
 * @param bool $removeComments Remove comments or not (default = remove).
 * @param bool $compress Remove results (remove extra spaces, etc.) or not (default = compress).
 * @return string
 */
public function getFinalPage(bool $removeComments = true, bool $compress = true): string
{
    $temp = $this->template;
    if ($removeComments == true) {
        $temp = preg_replace("</<!--.*-->/sU", "", $temp);
    }

    // TODO: Maybe change to regexs?
    if ($compress == true) {
        while (strpos($temp, ' ') !== false) {
            $temp = str_replace(' ', '', $temp);
        }

        while (strpos($temp, "\r\r") !== false) {
            $temp = str_replace("\r\r", "\r", $temp);
        }

        while (strpos($temp, "\n\n") !== false) {
            $temp = str_replace("\n\n", "\n", $temp);
        }

        while (strpos($temp, "\r\n\r\n") !== false) {
            $temp = str_replace("\r\n\r\n", "\r\n", $temp);
        }
    }

    return $temp;
}
```

How to generate PHPDoc

1. Download <https://phpdoc.org/phpDocumentor.phar> into the root directory of your application.
2. Run “php phpDocumentor.phar -d . -t ./docs/api”.
3. Open ./docs/api/index.html.
4. Enjoy 😊!

Sometimes due to internal “bugs” phpDocumentor may place the whole documentation in the parent folder in subfolder like 07%25252005%252520-%252520PHPDoc 😞.

Packages	Application
Reports	
Deprecated	
Errors	
Markers	
Indices	
Files	
	Application
	Template
	in package Application
	<i>Provides basic template engine functions.</i>
	Table of Contents
	P \$labels : array<string int, mixed>
	P \$placeholders : array<string int, mixed>
	P \$template : string
	M getFinalPage() : string
	<i>Returns final data (with optional pre-processing).</i>
	M processTemplate() : void
	<i>Performs placeholders replacement with data.</i>

PHPDoc

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