phpDocumentor es una herramienta de documentación para PHP que:

- Analiza o código fuente PHP e os comentarios escritos en formato **PHPDoc**.

- Genera documentación en **HTML**, organizada por clases, métodos e funciones.

- Permite ter documentación siempre actualizada do proyecto, útil para desarroladores e equipos.

Ventajas:

- Facilita a comprensión do código.

- Permite mantener a documentación sincronizada con el código.

- Genera documentación profesional para entrega o proyectos internos.

Instalamos php-xml

```
ad@daw:~$ sudo apt install php-xml
[sudo] password for ad:
Sorry, try again.
[sudo] password for ad:
Installing:
  php-xml

Installing dependencies:
  php8.4-xml

Summary:
  Upgrading: 0, Installing: 2, Removing: 0, Not Upgrading: 386
  Download size: 548 kB
  Space needed: 2447 kB / 4612 MB available

Continue? [S/n] sd
Rcb:1 http://security.debian.org/debian-security trixie-security/main amd64 php
.4-xml amd64 8.4.16-1~deb13u1 [544 kB]
Rcb:2 http://deb.debian.org/debian trixie/main amd64 php-xml all 2:8.4+96 [3984
B]
Obtivéronse 548 kB en 0s (2364 kB/s)
Selecting previously unselected package php8.4-xml.
(A ler a base de datos ... 280976 files and directories currently installed.)
Preparing to unpack .../php8.4-xml_8.4.16-1~deb13u1_amd64.deb
```

Instalamos vía composer

```
ad@daw:~/Public/DespregamentosPHP$ composer require phpdocumentor/shim
./composer.json has been created
Running composer update phpdocumentor/shim
Loading composer repositories with package information
Updating dependencies
Lock file operations: 5 installs, 0 updates, 0 removals
  - Locking phar-io/composer-distributor (1.0.2)
  - Locking phar-io/executor (1.0.1)
  - Locking phar-io/filesystem (2.0.1)
  - Locking phar-io/gnupg (1.0.3)
  - Locking phpdocumentor/shim (v3.9.1)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 5 installs, 0 updates, 0 removals
  - Downloading phar-io/filesystem (2.0.1)
  - Downloading phar-io/executor (1.0.1)
  - Downloading phar-io/gnupg (1.0.3)
  - Downloading phar-io/composer-distributor (1.0.2)
  - Downloading phpdocumentor/shim (v3.9.1)
  - Installing phar-io/filesystem (2.0.1): Extracting archive
  - Installing phar-io/executor (1.0.1): Extracting archive
```

```
ad@daw:~/Public/DespregamentosPHP$ vendor/bin/phpdoc run -d . -t docs/api
phpDocumentor 3.9.1

Parsing source files
 72/72 [▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓] 100%
Applying transformations (can take a while)
 22/22 [▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓] 100%
All done in 1 seconds!
```

Public > DespregamentosPHP > 🐘 funciones.php

```php
<?php
/**
 * Suma dous valores.
 *
 * @param int|float $a O primeiro número
 * @param int|float $b O segundo número
 * @return int|float A suma de $a e $b
 */
//BillMR
function sumar($a, $b) {
    return $a + $b;
}
?>
```


Documentation

Documentation

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Namespaces

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Ⓝ Pharlo
Ⓝ phpDocumentor

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Ⓒ ComposerAutoloaderInit6061ccb6e98635628a1a1a23d347a3db
Ⓒ GnuPG

Functions

Ⓜ sumar() : int|float
  Suma dous valores.

Functions

sumar()   funciones.php : 9

Suma dous valores.

sumar(int|float $a, int|float $b) : int|float

https://docs.phpdoc.org/guide/getting-started/installing.html