

Creamos una aplicacion en Java como por ejemplo esta calculadora:

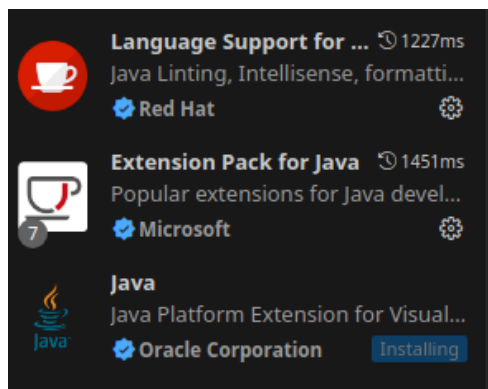
```
/*Autor: Alex Casal */

public class Calculadora{
    public int sumar(int n1, int n2){
        return n1 + n2;
    }

    public int restar(int n1, int n2){
        return n1 + n2;
    }
}
```

Con Apache y el el jdk instalado con el siguiente comando:
sudo apt install openjdk-18-jdk-headless

Instalamos estas 3 extensiones:

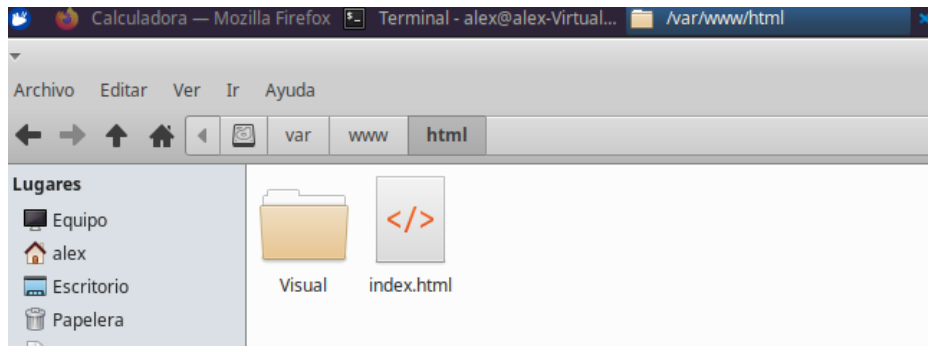


Procedemos a crear la documentación con el javadoc:

javadoc -d doc Calculadora.java

```
alex@alex-VirtualBox:~/Documentos/Visual$ javadoc -d doc Calculadora.java
Loading source file Calculadora.java...
Constructing Javadoc information...
Creating destination directory: "doc/"
Building index for all the packages and classes...
Standard Doclet version 18.0.2-ea+9-Ubuntu-22.04
Building tree for all the packages and classes...
Generating doc/Calculadora.html...
Calculadora.java:3: warning: no comment
public class Calculadora{
    ^
Calculadora.java:3: warning: use of default constructor, which does not provide a comment
public class Calculadora{
    ^
Calculadora.java:8: warning: no comment
    public int restar(int n1, int n2){
        ^
Calculadora.java:4: warning: no comment
    public int sumar(int n1, int n2){
        ^
Generating doc/package-summary.html...
Generating doc/package-tree.html...
Generating doc/overview-tree.html...
Building index for all classes...
Generating doc/allclasses-index.html...
Generating doc/allpackages-index.html...
Generating doc/index-all.html...
Generating doc/index.html...
Generating doc/help-doc.html...
4 warnings
alex@alex-VirtualBox:~/Documentos/Visual$
```

Copiamos lo generado en /var/www/html



Vamos a la ruta desde el localhost:

<http://localhost/Visual/doc/Calculadora.html>

A screenshot of a web browser window displaying the Javadoc documentation for the 'Calculadora' class. The browser's address bar shows 'localhost/Visual/doc/Calculadora.html'. The page has a dark blue header with 'PACKAGE CLASS TREE INDEX HELP' and a search bar. The main content area is titled 'Class Calculadora' and shows the class declaration: 'public class Calculadora extends Object'. Below this is a 'Constructor Summary' section with a table showing the 'Calculadora()' constructor. Further down is a 'Method Summary' section with tabs for 'All Methods', 'Instance Methods', and 'Concrete Methods'. The 'All Methods' tab is selected, showing a table with two methods: 'restar(int n1, int n2)' and 'sumar(int n1, int n2)'. At the bottom, there is a section for 'Methods inherited from class java.lang.Object' listing various methods like 'clone', 'equals', 'finalize', etc.

PHPDoc

Creamos el proyecto en Php:

```
<?php
class Calculadora {
    // Autor: Alex Casal

    public function sumar(int $n1, int $n2): int {
        return $n1 + $n2;
    }

    public function restar(int $n1, int $n2): int {
        return $n1 - $n2;
    }
}
```

Instalamos php:

Sudo apt install php8.1

Instalamos phpdoc:

wget

[https://github.com/phpDocumentor/phpDocumentor/releases/latest/download/phpDocumentor.p](https://github.com/phpDocumentor/phpDocumentor/releases/latest/download/phpDocumentor.phar)

har

sudo mv phpDocumentor.phar /usr/local/bin/phpdoc

sudo chmod +x /usr/local/bin/phpdoc

```
2025-02-12 14:06:22 (10,9 MB/s) - 'phpDocumentor.phar' guardado [25078390/25078390]
alex@alex-VirtualBox:~/Documentos$ cd Visual/
alex@alex-VirtualBox:~/Documentos/Visual$ sudo mv phpDocumentor.phar /usr/local/bin/phpdoc
mv: no se puede efectuar 'stat' sobre 'phpDocumentor.phar': No existe el archivo o el directorio
alex@alex-VirtualBox:~/Documentos/Visual$ cd ..
alex@alex-VirtualBox:~/Documentos$ sudo mv phpDocumentor.phar /usr/local/bin/phpdoc
alex@alex-VirtualBox:~/Documentos$ sudo chmod +x /usr/local/bin/phpdoc
alex@alex-VirtualBox:~/Documentos$
```

```
alex@alex-VirtualBox:~$ php --version
PHP 8.1.2-1ubuntu2.20 (cli) (built: Dec 3 2024 20:14:35) (NTS)
Copyright (c) The PHP Group
Zend Engine v4.1.2, Copyright (c) Zend Technologies
with Zend OPcache v8.1.2-1ubuntu2.20, Copyright (c), by Zend Technologies
alex@alex-VirtualBox:~$
alex@alex-VirtualBox:~$
alex@alex-VirtualBox:~$
alex@alex-VirtualBox:~$ phpdoc --version
phpDocumentor v3.7.0
alex@alex-VirtualBox:~$ phpdoc --version
```

Creamos la documentación:

```
phpdoc -d ./Calculadora.php -t ./docuPHP
```

Accedemos a la ruta desde el localhost

