



# PHP 8.1

## 1

## PHP

PHP 8 Ondřej Surý (PHP Debian ) Ubuntu Debian  
( ) PHP PPA

```
$ sudo apt install software-properties-common  
[sudo] password for ossii:
```

PHP 8 PPA

```
$ sudo add-apt-repository ppa:ondrej/php
```

Enter

“ Press [ENTER] to continue or Ctrl-c to cancel adding it.

“ Hit:1 <http://tw.archive.ubuntu.com/ubuntu> focal InRelease  
Get:2 <http://tw.archive.ubuntu.com/ubuntu> focal-updates InRelease [114 kB]  
Get:3 <http://tw.archive.ubuntu.com/ubuntu> focal-backports InRelease [108 kB]  
Get:4 <http://tw.archive.ubuntu.com/ubuntu> focal-security InRelease [114 kB]  
Get:5 <http://tw.archive.ubuntu.com/ubuntu> focal-updates/universe amd64  
Packages [924 kB]  
Get:6 <http://tw.archive.ubuntu.com/ubuntu> focal-updates/universe Translation-  
en [208 kB]  
Get:7 <http://tw.archive.ubuntu.com/ubuntu> focal-updates/universe amd64 c-n-f  
Metadata [21.0 kB]  
Get:8 <http://tw.archive.ubuntu.com/ubuntu> focal-security/universe amd64  
Packages [711 kB]  
Get:9 <http://tw.archive.ubuntu.com/ubuntu> focal-security/universe Translation-  
en [128 kB]  
Get:10 <http://tw.archive.ubuntu.com/ubuntu> focal-security/universe amd64 c-n-f  
Metadata [14.7 kB]  
Get:11 <http://ppa.launchpad.net/ondrej/php/ubuntu> focal InRelease [23.9 kB]

Get:12 http://ppa.launchpad.net/ondrej/php/ubuntu focal/main amd64 Packages  
[102 kB]  
Get:13 http://ppa.launchpad.net/ondrej/php/ubuntu focal/main Translation-en  
[33.6 kB]  
Fetched 2,503 kB in 4s (637 kB/s)  
**Reading package lists... Done**

## 2 apt

 apt update 

```
$ sudo apt update  
$ sudo apt upgrade -y
```

## 3 PHP 8.1

PHP 

```
$ sudo apt install php8.1 libapache2-mod-php8.1 php8.1-gd php8.1-mysql php8.1-curl php8.1-mbstring php8.1-intl -y  
$ sudo apt install php8.1-gmp php8.1-bcmath php8.1-imagick php8.1-xml php8.1-zip -y
```

## 4 Apache PHP

 Ubuntu  Apache  a2enmod 

```
$ sudo a2enmod php8.1  
$ sudo systemctl restart apache2
```

## 5 PHP

 /var/www/html/  info.php 

```
$ sudo vim /var/www/html/info.php
```

 info.php 

```
“<?php  
  
phpinfo();
```

?>

XXXXXXXXXXXX  
XXXXXXXXXXXX

php XXXX

https://yourhostip/info.php

PHP Version 8.1.8



System	Linux ubuntu-test-server2 5.4.0-122-generic #138-Ubuntu SMP Wed Jun 22 15:00:31 UTC 2022 x86_64
Build Date	Jul 11 2022 08:29:57
Build System	Linux
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/8.1/apache2
Loaded Configuration File	/etc/php/8.1/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/8.1/apache2/conf.d
Additional .ini files parsed	/etc/php/8.1/apache2/conf.d/10-mysqld.ini, /etc/php/8.1/apache2/conf.d/10-opcache.ini, /etc/php/8.1/apache2/conf.d/10-pdo.ini, /etc/php/8.1/apache2/conf.d/15-xml.ini, /etc/php/8.1/apache2/conf.d/20-bcmath.ini, /etc/php/8.1/apache2/conf.d/20-calendar.ini, /etc/php/8.1/apache2/conf.d/20-ctype.ini, /etc/php/8.1/apache2/conf.d/20-curl.ini, /etc/php/8.1/apache2/conf.d/20-dom.ini, /etc/php/8.1/apache2/conf.d/20-exif.ini, /etc/php/8.1/apache2/conf.d/20-ffi.ini, /etc/php/8.1/apache2/conf.d/20-fileinfo.ini, /etc/php/8.1/apache2/conf.d/20-ftp.ini, /etc/php/8.1/apache2/conf.d/20-gd.ini, /etc/php/8.1/apache2/conf.d/20-gettext.ini, /etc/php/8.1/apache2/conf.d/20-gmp.ini, /etc/php/8.1/apache2/conf.d/20-iconv.ini, /etc/php/8.1/apache2/conf.d/20-imagick.ini, /etc/php/8.1/apache2/conf.d/20-intl.ini, /etc/php/8.1/apache2/conf.d/20-mbstring.ini, /etc/php/8.1/apache2/conf.d/20-mysqli.ini, /etc/php/8.1/apache2/conf.d/20-pdo_mysql.ini, /etc/php/8.1/apache2/conf.d/20-phar.ini, /etc/php/8.1/apache2/conf.d/20-posix.ini, /etc/php/8.1/apache2/conf.d/20-readline.ini, /etc/php/8.1/apache2/conf.d/20-shmop.ini, /etc/php/8.1/apache2/conf.d/20-simplexml.ini, /etc/php/8.1/apache2/conf.d/20-sockets.ini, /etc/php/8.1/apache2/conf.d/20-sysvmsg.ini, /etc/php/8.1/apache2/conf.d/20-sysvsem.ini, /etc/php/8.1/apache2/conf.d/20-sysvshm.ini, /etc/php/8.1/apache2/conf.d/20-tokenizer.ini, /etc/php/8.1/apache2/conf.d/20-xmlreader.ini, /etc/php/8.1/apache2/conf.d/20-xmlwriter.ini, /etc/php/8.1/apache2/conf.d/20-xsl.ini, /etc/php/8.1/apache2/conf.d/20-zip.ini
PHP API	20210902
PHP Extension	20210902

XXXXXXXXXXXX  
XXXXXXXXXXXX

Apache XXXX  
PHP XXXXX

PHP XXXXXXXXXXXX

info.php

Revision #5

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