

# Docker PHP

“ Docker PHP

## PHP

### docker pull php

Docker Hub php :



php ☆

Docker Official Images

While designed for web development, the PHP scripting language also provides general-purpose use.

10M+

ContainerLinuxARM 64PowerPC 64 LEx86-64IBM ZARM386Programming Languages

Official Image

Linux - x86-64 ( latest )

Copy and paste to pull this image

docker pull php

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rc-zts-buster

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docker pull php:rc-zts-buster

DIGEST	OS/ARCH	COMPRESSED SIZE
d92bc6fa31fd	linux/386	138.27 MB
26bf3b5058f4	linux/amd64	132.82 MB
67bf8b944a9f	linux/arm/v5	112.69 MB

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Sort by php php:latest

docker search php

docker search php		
NAME	DESCRIPTION	STARS
OFFICIAL	AUTOMATED	
php	While designed for web development, the PH...	1232

```

[ OK]
richarvey/nginx-php-fpm    Container running Nginx + PHP-FPM capable ...
207                        [ OK]
phpmyadmin/phpmyadmin      A web interface for MySQL and MariaDB.
123                        [ OK]
eboraas/apache-php         PHP5 on Apache (with SSL support), built o...
69                         [ OK]
php-zendserver             Zend Server - the integrated PHP applicati...    69
[ OK]
million12/nginx-php        Nginx + PHP-FPM 5.5, 5.6, 7.0 (NG), CentOS...
67                         [ OK]
webdevops/php-nginx         Nginx with PHP-FPM
39                         [ OK]
webdevops/php-apache        Apache with PHP-FPM (based on webdevops/php)
14                         [ OK]
phpunit/phpunit            PHPUnit is a programmer-oriented testing f...
14                         [ OK]
tetraweb/php               PHP 5.3, 5.4, 5.5, 5.6, 7.0 for CI and run...
12                         [ OK]
webdevops/php              PHP (FPM and CLI) service container
10                         [ OK]

```

, 5.6-fpm

```
docker pull php: 5.6-fpm
```

REPOSITORY php, 5.6-fpm

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
php	5.6-fpm	025041cd3aa5	6 days ago	456.3 MB

Nginx + PHP  [Nginx](#) [Nginx](#)

PHP

```
docker run --name myphp-fpm -v ~/nginx/www:/www -d php:5.6-fpm
```

- --name myphp-fpm : myphp-fpm
- -v ~/nginx/www:/www : www /www

```
~/nginx/conf/conf.d
```

```
mkdir ~/nginx/conf/conf.d
```

```
~/nginx/conf/conf.d/test-php.conf
```

```
server {  
    listen      80;  
    server_name localhost;  
  
    location / {  
        root    /usr/share/nginx/html;  
        index   index.html index.htm index.php;  
    }  
  
    error_page  500 502 503 504  /50x.html;  
    location = /50x.html {  
        root    /usr/share/nginx/html;  
    }  
  
    location ~ \.php$ {  
        fastcgi_pass   php:9000;  
        fastcgi_index  index.php;  
        fastcgi_param  SCRIPT_FILENAME  /www/$fastcgi_script_name;  
        include         fastcgi_params;  
    }  
}
```

- php:9000: php-fpm URL
- /www/: myphp-fpm php ~/nginx/www

nginx

```
docker run --name php-nginx -p 8083:80 -d \  
-v ~/nginx/www:/usr/share/nginx/html:ro \  
-v ~/nginx/conf/conf.d:/etc/nginx/conf.d:ro \  
--link myphp-fpm:php \  
nginx
```

- -p 8083:80: nginx 80 8083

- ~/nginx/www:     html             /usr/share/nginx/html     html
- ~/nginx/conf/conf.d:     nginx             /etc/nginx/conf.d     nginx
- --link myphp-fpm:php:     myphp-fpm             nginx             nginx     /etc/hosts     php     127.0.0.1     i  
php-fpm

~/nginx/www     index.php

```
<?php
echo phpinfo();
?>
```

<http://127.0.0.1:8083/index.php>

← → ↻ ⓘ 127.0.0.1:8083/index.php

PHP Version **5.6.40**

System	Linux 59a3e2d1839b 4.9.87--linuxkit-aufs #1 SMP Wed Mar 14 15:12:16 UTC 2018
Build Date	Jan 23 2019 00:14:48
Configure Command	'./configure' '--build=x86_64-linux-gnu' '--with-config-file-path=/usr/local/etc/' 'scan-dir=/usr/local/etc/php/conf.d' '--enable-option-checking=fatal' '--with-mbstring' '--enable-mysqld' '--with-curl' '--with-libedit' '--with-openssl' 'libdir=lib/x86_64-linux-gnu' '--enable-fpm' '--with-fpm-user=www-data' '--with-' '--disable-cgi' 'build_alias=x86_64-linux-gnu' 'CFLAGS=-fstack-protector-strong' 'LDFLAGS=-Wl,-O1 -Wl,--hash-style=both' '-pie' 'CPPFLAGS=-fstack-protector-O2'
Server API	FPM/FastCGI
Virtual Directory Support	disabled

Revision #1

Created 4 August 2021 05:06:25 by

Updated 4 August 2021 05:13:09 by