

# Install apache, php5, and mysql on FreeBSD 7.2 using ports

Written by Admin

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Apache web server one of the most widely used. Apache can also be installed on freebsd. following way to install apache, PHP5, mysql the most easy to use ports.

## 1. Install Apache:

```
# cd /usr/ports/www/apache22 # make install clean
```

to start just type

```
# /usr/local/sbin/apachectl start
```

to enable apache on boot add apache22\_enable="YES" following file /etc/rc.conf

check apache on your browser type localhost

## 2. Install PHP 5

```
# /usr/ports/lang/php5 # make install clean
```

make sure to build Apache module is checked

add these option on file /usr/local/etc/apache22/httpd.conf

```
AddType application/x-httpd-php .php AddType application/x-httpd-php-source .phps
```

Add Index.php to load auto index

```
DirectoryIndex index.html index.php
```

create file php.ini by copy php.ini-dist

```
# cd /usr/local/etc/ # cp php.ini-dist php.ini
```

and then restart apache

```
# /usr/local/sbin/apachectl restart
```

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create file php on /usr/local/www/apache22/data/

save as test.php

now test on your browser <http://127.0.0.1/test.php>

### Install Mysql 5

```
# cd /usr/ports/databases/mysql51-server # make install clean create database  
# /usr/local/bin/mysql_install_db
```

change owner and group as mysql

```
# chown -R mysql /var/db/mysql/ # chgrp -R mysql /var/db/mysql/ run mysql daemon  
/usr/local/bin/mysqld_safe user=mysql & change mysql password  
/usr/local/bin/mysqladmin -u root password newpass
```

to automatic mysql enable when boot add /etc/rc.conf:

```
mysql_enable="YES"; Install php5-mysql module  
cd /usr/ports/databases/php5-mysql make install clean
```

create file php to check mysql

save as test-db.php on /usr/local/www/apache22/data/ and go to your browser  
<http://localhost/test-db.php>