

## Installing XAMPP in Linux

### What is XAMPP ?

XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl. LAMPP (XAMPP for Linux) is very easy to install and to use – just download, extract and start.

### Download XAMPP

[http://sourceforge.net/projects/xampp/files/XAMPP\\_Linux/](http://sourceforge.net/projects/xampp/files/XAMPP_Linux/)

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Download XAMPP Latest version from the following link  
[http://sourceforge.net/projects/xampp/files/XAMPP\\_Linux/](http://sourceforge.net/projects/xampp/files/XAMPP_Linux/)

Currently latest XAMPP version is 1.7.3a

```
$wget http://downloads.sourceforge.net/project/xampp/XAMPP%20Linux/1.7.3a/xampp-linux-1.7.3a.tar.gz?use_mirror=nchc
```

Now you should be having xampp-linux-1.7.3a.tar.gz in your downloaded location

Go to a Linux shell and login as root:  
Perform these commands as root user

```
$ su -p  
Extract the downloaded archive file to /opt  
#tar xvfz xampp-linux-1.7.3a.tar.gz -C /opt
```

XAMPP is now installed below the /opt/lampp directory.

### Start XAMPP Server

To start XAMPP simply call this command:

```
#/opt/lampp/lampp start
```

Starting XAMPP for 1.7.3a...

XAMPP: Starting Apache with SSL (and PHP5)...

XAMPP: Starting MySQL...

XAMPP: Starting ProFTPD...

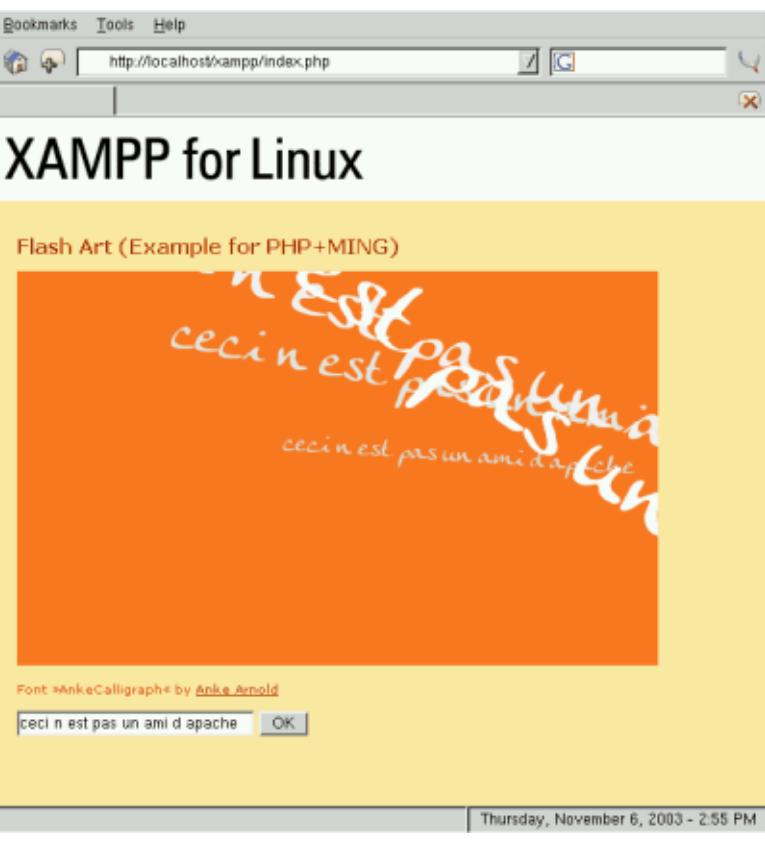
XAMPP for Linux started.

### Test Your XAMPP Installation

OK, that was easy but how can you check that everything really works? Just type in the following URL at your favourite web browser:

```
http://localhost
```

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MySQL and Apache running under the same user (nobody).

To fix most of the security weaknesses simply call the following command:

```
#/opt/lampp/lampp security
```

It starts a small security check and makes your XAMPP installation more secure.

Start And Stop Server Services

start

Starts XAMPP.

stop

Stops XAMPP.

restart

Stops and starts XAMPP.

startapache

Starts only the Apache.

startssl

Starts the Apache SSL support. This command activates the SSL support permanently, e.g. if you restarts XAMPP in the future SSL will stay activated.

startmysql

Starts only the MySQL database.

startftp

Starts the ProFTPD server. Via FTP you can upload files for your web server (user "nobody", password "xampp"). This command activates the ProFTPD permanently, e.g. if you restarts XAMPP in the future FTP will stay activated.

stopapache

Stops the Apache.

stopssl

Stops the Apache SSL support. This command deac-

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tivates the SSL support permanently, e.g. if you restarts XAMPP in the future SSL will stay deactivated.

**stopmysql**  
Stops the MySQL database.

**stopftp**  
Stops the ProFTPD server. This command deactivates the ProFTPD permanently, e.g. if you restarts XAMPP in the future FTP will stay deactivated.

**security**  
Starts a small security check programm.

For example: To start Apache with SSL support simply type in the following command (as root):

```
#/opt/lampp/lampp startssl
```

You can also access your Apache server via SSL under <https://localhost>.

### Important Configuration Files And Directories

/opt/lampp/bin/ – The XAMPP commands home. ./opt/lampp/bin/mysql calls for example the MySQL monitor.  
/opt/lampp/htdocs/ – The Apache DocumentRoot directory.  
/opt/lampp/etc/httpd.conf – The Apache configuration file.  
/opt/lampp/etc/my.cnf – The MySQL configuration file.  
/opt/lampp/etc/php.ini – The PHP configuration file.  
/opt/lampp/etc/proftpd.conf – The ProFTPD configuration file. (since 0.9.5)  
/opt/lampp/phpmyadmin/config.inc.php – The phpMyAdmin configuration file.

### Stopping XAMPP

To stop XAMPP simply call this command:

```
#/opt/lampp/lampp stop
```

You should now see:

```
Stopping XAMPP 1.7.3a...
XAMPP: Stopping Apache...
XAMPP: Stopping MySQL...
XAMPP: Stopping ProFTPD...
XAMPP stopped.
```

And XAMPP for Linux is stopped.

### Starting LAMPP automatically on startup

For starting LAMPP automatically on startup, add the following line to you /etc/rc.local file

```
# /opt/lampp/lampp start
```

where /opt/lampp is the location where XAMPP files are kept. You will have to substitute the path to your XAMPP in the above command.

### Uninstall XAMPP From your Machine

To uninstall XAMPP just type in this command

```
#rm -rf /opt/lampp
```