

Apache2 and PHP5 for Moodle

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Labels: (None)

This is the setup for the ICT Moodle/LAMS server

Server Software

Distro: Ubuntu Server feisty (7.04)

```
# apt-get install ant sun-java6-jdk mysql-server-5.0
```

Make sure to add the right [MySQL settings](#) to `/etc/mysql/my.cnf`

```
# apt-get install bzip2 update-inetd patch cvs build-essential bin86 zlib1g-dev \
libreadline5-dev make gcc flex bison imagemagick graphviz patch make unzip zip \
openssl libssl-dev libxml2 libxml2-dev libxml2-utils libjpeg-dev emacs \
libpng12-dev libgd-tools autoconf libtool curl libcurl3-dev libmysqlclient15-dev
```

Apache 2.0.59

wget <http://apache.planetmirror.com.au/dist/httpd/httpd-2.0.59.tar.gz>

```
./configure --prefix=/usr/local/apache --enable-so --enable-cgi --enable-info \
--enable-rewrite --enable-speling --enable-usertrack --enable-deflate \
--enable-ssl --enable-mime-magic
```

make
make install

PHP 5.2.3

wget <http://au.php.net/get/php-5.2.3.tar.gz/from/this/mirror>

```
./configure --prefix=/usr/local/apache/php --with-apxs2=/usr/local/apache/bin/apxs \  
--with-libxml-dir=/usr/local/lib --with-zlib --with-zlib-dir=/usr/local/lib \  
--with-mysql=/usr/include/mysql --with-gd --enable-sockets \  
--with-jpeg-dir=/usr/ --enable-exif --with-xml --with-png-dir=/usr/ \  
--with-openssl --with-mysqli=/usr/bin/mysql_config --with-curl --enable-mbstring
```

```
make  
make test  
make install
```

Configuring http.conf for PHP

```
LoadModule php5_module          modules/libphp5.so  
AddType application/x-httpd-php .php  
DirectoryIndex index.php index.html index.html.var
```

Configuring Moodle

Creating MySQL database

```
ernieg@ictserver:~$ mysql -u root -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 406  
Server version: 5.0.38-Ubuntu_0ubuntu1-log Ubuntu 7.04 distribution  
  
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.  
  
mysql> create database moodle;  
Query OK, 1 row affected (0.00 sec)  
mysql> \q  
Bye
```

And then you go about installing Moodle as usual...

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