LAMS Moodle 2 Setup

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Installing Moodle 2 on Ubuntu 10.04 Server

OS pre-requisites

```
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
```

ICU

Unfortunately, it doesn't seem that there's an ICU package for PHP Internationalization, so you will need to download and compile ICU manually

```
# cd /usr/local/src
# wget http://download.icu-project.org/files/icu4c/4.4.1/icu4c-4_4_1-src.tgz
# cd icu/source
# ./configure
# make
# make install
```

MySQL Server

```
apt-get install mysql-server-5.1
```

Apache

Apache 2.2.16

```
./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

PHP 5.3.3

```
./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-png-dir=/usr/  --with-openssl --with-mysqli=/usr/bin/mysql_config \
 --with-curl  --enable-mbstring  --enable-zip --with-icu-dir=/usr/local/ --enable-intl \
  --with-xmlrpc --enable-soap
```

make
make test
make install

httpd.conf configuration

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

Create MySQL DB

```
create database moodle2 DEFAULT CHARACTER SET utf8 COLLATE utf8_unicode_ci;
```

Install Moodle 2

Just do Moodle installation as usual