# Production Deployment of Smartearn Applications

The server is expected to have lamb server already installed.

The server application is installed on Ubuntu Server 12.10. Below are the required libraries to run our libraries. Use sudo apt-install xxx command for the below libraries.

* Libboost1.50-all-dev. This will also install gcc and crt.
* make
* Libxml2 and Libxml++2.6-2
* Libmysql++3
* Liblog4cxx10
* Libcgicc5
* Libfcgi0ldbl
* Libjsoncpp0
* Libglib2.0
* Extract zeromq libraries from external directory (smartearn/external) and then do the following
  + ./configure –prefix=/usr
  + Make
  + Sudo make install
* libtar
* libcurl4-openssl
* python-mysqldb

**Apache configuration**

[discuss fcgi configuration]

**Supervisor**

Install supervisor : sudo apt-get install supervisor

Configure as below:

**To build the netbeans projects**

1. go to the project folder

2. run “make build”