

Installing Canvas LMS on CentOS 5.8

Part two of this tutorial we acquire the Canvas LMS source from the GitHub repository and prepare the configuration files for later editing.

1. Acquire Canvas LMS Source
 - a. Create directory on machine someplace. On the computer I have canvas running in production and for this tutorial, I have created a directory under /root called instructure. This will be a place where the canvas repository files will be stored. We will move them later to a directory where the web server can access them.
 - b. Inside of the directory you just created you will run the command **git clone <http://github.com/instructure/canvas-lms.git> canvas**
2. Create two directories in the apache path of the server these can be located in /var/www
 - a. The first directory will be the one holding all of the canvas files. In the server that I am using to create this tutorial this directory is at the location of **/var/www/canvas**
 - b. The second directory will be the one holding rail gem programs. In the server that I am using to create this tutorial this directory is at the location of **/var/www/gems**
3. Navigate to the directory that was created above that was created in step 1a of this page. You will then copy the files to the directory that was created in 2a of this page by typing in: **cp -av * /var/www/canvas**
4. Run command **export GEM_HOME=/var/www/gems**
5. Run command **gem install bundler**
6. Run command **\$GEM_HOME/bin/bundle install**
7. Navigate to the directory that was created in 2a of this page and change directory to the config folder. We will be copying many files to remove the .example extension
 - a. The files we want to change are: amazon_s2, database, delayed_jobs, domain file_store, outgoing_mail and security by issuing:
 - b. **cp amazon_s2.yml.example amazon_s2.yml**
 - c. **cp database.yml.example database.yml**
 - d. **cp delayed_jobs.yml.example delayed_jobs.yml**
 - e. **cp domain.yml.example domain.yml**
 - f. **cp file_store.yml.example file_store.yml**
 - g. **cp outgoing_mail.yml.example outgoing_mail.yml**gem install
 - h. **cp security.yml.example security.yml**