

DOMjudge installation

1. **Install Ubuntu 14.01**
2. Change server to server for United States
3. `sudo apt-get update`
4. `sudo apt-get install gcc g++ make zip unzip mysql-server apache2 php5 php5-cli libapache2-mod-php5 php5-mysql php5-json bsdmainutils phpmyadmin ntp libboost-regex-dev libgmp3-dev linuxdoc-tools linuxdoc-tools-text groff texlive-latex-recommended texlive-latex-extra texlive-fonts-recommended texlive-lang-dutch`
5. `sudo apt-get install make sudo debootstrap php5-cli php5-curl php5-json procps gcc g++ gcj-jre-headless gcj-jdk openjdk-7-jre-headless openjdk-7-jdk ghc fp-compiler`
6. `sudo apt-get install libcurl4-gnutls-dev libjsoncpp-dev libmagic-dev`
7. Download DOMjudge
8. `tar xvfz domjudge-4.0.3.tar.gz`
9. Change directory to the extracted folder
10. `./configure --prefix=$HOME/domjudge`
11. **Install DOMserver**
12. `make domserver && sudo make install-domserver`
13. `cd ~/domjudge/domserver/`
14. `./bin/dj-setup-database -u root -r install`
15. `sudo ln -s /home/lqdvtpc/domjudge/domserver/etc/apache.conf /etc/apache2/conf-available/domjudge.conf`
16. `sudo a2enconf domjudge`
17. `service apache2 reload`
18. In the `/etc/apache2/conf-available/domjudge.conf` file, comment out all of this:
 `Order allow,deny`
 `Allow from all`
And replace with:
 `Require all granted`
19. `sudo apache2ctl graceful`
20. **Install judgehost**
21. `make judgehost && sudo make install-judgehost`
22. `sudo useradd -d /nonexistent -g nogroup -s /bin/false domjudge-run`
23. `sudo cp etc/sudoers-domjudge /etc/sudoers.d/`
24. **Install DOC**
25. `make docs && sudo make install-docs`
26. Finetune `/etc/mysql/my.cnf`
27. Finetune `/etc/php5/apache2/php.ini`
28. Finetune `/etc/apache2/conf-available/domjudge.conf`
29. Restart MySQL: `sudo /etc/init.d/mysql restart`
30. **Install cgroups**
31. `sudo apt-get install libcgroup-dev`

