

Homework #8 (Group + Individual)

Goals

- Working with Content Management Systems (CMS).
- Installing MySQL (or MariaDB) server.

WordPress

Installation Guides

<https://tecadmin.net/install-mariadb-5-5-in-ubuntu/> (NOTE: You do not need to install 'Apt-get Repositories'. It is already installed).

<https://www.digitalocean.com/community/tutorials/how-to-install-wordpress-on-ubuntu-14-04>

<https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-ubuntu-14-04>

Task 1

- Install wordpress on your site.
- **NOTE: This wordpress site will replace your current site at the root. In other words, if you go to your site (<https://ta2.dhcp.nd.edu>), you should see the wordpress site.**
- **SUGGESTION:**
 - Install your wordpress site at '/var/www/html/wordpress'.
 - Make this your 'DocumentRoot'.
 - Use aliases for your other homeworks.

Task 2

- Create accounts for each member of your group.

Task 3 (Individual)

- Each group member should create a linkedin.com type page with the following section.
 - A profile photo of yourself.
 - A school section (major, minor, graduation year, degree, relevant classes taken, etc).
 - Work history section.

- Skills section (languages, server administration, database administration, frameworks, etc).

Task 4

- Create a menu to link to these pages.

MediaWiki

Installation Guide

NOTE: You must install git on your machine before you proceed.

NOTE: In the 'Options' part of the installation, pick 'Private Wiki'! In other words, your wiki will only be viewable by the people with accounts on your wiki.

NOTE: Do not install XCache or any PHP caching libraries.

<https://www.digitalocean.com/community/tutorials/how-to-install-mediawiki-on-ubuntu-14-04>

Task 1

- Install MediaWiki on your server on path '/mediawiki'.
- **NOTE: In the 'Options' part of the installation, pick 'Private Wiki'! In other words, your wiki will only be viewable by the people with accounts on your wiki.**

Task 2

- Use 'special pages' link on the left to create accounts for your group members.

Task 3 (Individual)

- For all the group homework assignments up to this point, including this homework, write a summary of the steps you took to install this software (including commands). Yes, you can copy/paste. **NOTE: Each group member must do at least one task. All tasks on the list must be completed.** This will be determined by the 'View history' available on each page.
 - Installing Apache2 and uploading one club side (Homework #5).
 - Installing PHP and making a PHP website (Homework #6).
 - Installing PostgreSQL and using it with PHP to make a website (Homework #7).
 - Installing Wordpress (Homework #8).
 - Installing MediaWiki (Homework #8).

Task 4

- Create a 'ta' account and send the password along with your homework submission.

Submitting Homework

Send your URL with your team's netids to gmadey@nd.edu and qzhi@nd.edu, with subject line CSE 40613 - group-number (i.e, your machine's hostname) - HW8