

How to Install a "Sandbox" Moodle on Your Windows PC

Rick Jerz
The University of Iowa

www.rjerz.com
Rick-m@rjerz.com

1

Objectives

- Overview
- Install Moodle on PC with XAMPP
 - Install Moodle on Mac with MAMP
- Examples of what you can do
 - Some moodle settings
 - Some php.ini settings
 - Some custom CSS
 - Color top bar
 - Add a plugin
 - "Collapsed Topics"

3

Overview

- A "sandbox" Moodle
 - Not for production!
 - For education and experimenting

5

Can and Can't Do

- Can
 - Experiment with many Moodle settings
 - Act as manager, teacher, student
 - Create courses and move to production
 - Create quizzes and move to production
 - Themes and CSS
 - Explore add-ins
- Can't
 - Email related items
 - Have others log in (from the Internet)
 - Cron is limited

6

Many Ways to Install

- Moodle.org installers
 - One-step, but often lack some feature
- Install manually!
 - XAMPP + Moodle, Windows PC
 - MAMP + Moodle, Macintosh computer

7

Moodle Requirements

- A moodledata folder
- A database
- The moodle application

8

What do we have?

- A working copy of Moodle
- A local “server” running
- Nothing in Moodle, **yet!**

- **Review Steps:**
 - Start XAMPP Control Panel
 - Start Apache and MySQL servers
 - Go to localhost/moodle in your browser

- Make **NOTES!!!!**

9

Examples of Experimentation

- Adjust some settings
- Edit settings in php.ini
- Add Custom CSS
- Install a plugin

11

Moodle Settings

- Turn off **guest access**

- Administration / Plugins/
Authentication / Manage authentication
- Guest login button = **Hide**

12

php.ini Settings

- Find and edit php.ini
- Turn on intl, xmlrpc, soap
- Add my favorites:
 - upload_max_filesize = 128M
 - post_max_size = 128M
 - memory_limit = 384M
 - max_input_time to 600
 - max_execution_time to 300
 - max_input_vars = 5000;
- Stop and restart the Apache server

13

Custom CSS

- Change color of upper bar
 - (Distinguish sandbox from production moodles)
- Administration/Appearance/Boost/Advanced Settings
- In Raw SCSS, add the following:

```
.bg-white  
{background-color: orange !important;}
```
- Purge caches

15

Moodle Plugins

- Collapsed Topics
- Others that I use
 - Checklist
 - Configurable Reports
 - A few ATTO utilities

16

Summary

- A “sandbox” moodle on your computer is **great!**
- Can't do this with other LMSs.
- I hang out in the **Moodle.org forums**, if you need me.

17

The End

- For **more support**, including this video, go to

www.rjerz.com

18

Future Topics

- Reinstalling
- Installing more than one
- Setting up opcache
- Modifying the database config file
- Backup/restore of Moodle
- Migrating Moodle
 - Production to local, and vice versa

19