

Presentation information

Title: Moodle - Open Source eLearning Software
Author: Kevin Hansen
Company: NUES
Contact: kevin@nucenter.org
Presdate: 2-3 March, 2007
Slogan: Northeastern Utah Educational Services
Venue: UCET
Website: <http://www.nucenter.org>



Add notes in this column

Moodle - Open Source eLearning Software

Slide 1

NUES

Kevin Hansen

kevin@nucenter.org [[url: mailto://kevin@nucenter.org](mailto:kevin@nucenter.org)]



What can you do with Moodle?

Slide 2

Moodle is a course management system (CMS) - a free, Open Source software package designed using sound pedagogical principles, to help educators create effective online learning communities. You can download and use it on any computer you have handy (including webhosts), yet it can scale from a single-teacher site to a 50,000-student University.

Classes, individual logins, student activity tracking, grading, moderated blogs and forums, calendars, file upload and download, surveys, quizzes, assignments, wikis, email alerts

Slide notes:

Some of the components that are part of Moodle by default are:

- Teachers are assigned to courses and manage their own students
- Enrollment can be done by the student themselves, manually by the teacher, by batch upload (via cvs file), or there are several other ways.
- Students have individual logins
- Quizzes
- Surveys
- Create lessons (Linear learning presentation) - tracks student progress/performance
- Creation of Curriculum Pathways (Workshops) - Multiple assignments, checkpoints, peer reviews
- Assignments (Turned in by upload)
- Student and Teacher Wikis
- Student and Teacher Forums
- Chat Rooms (Can be scheduled, i.e. turned on and off at certain times)
- Student and Teacher Blogs
- Students can be part of multiple courses
- Automatic grading of assignments
- Look of website can be customized by downloadable themes.
- Student and Teacher Glossaries (Vocabulary words are automatically highlighted and linked to their definition in the glossary)
- Upload multimedia for use in assignments, forums, wikis, etc
- Make files available for download
- Track student activity
- SCORM/AICC Content
- Student/Teacher/Course/Whole Site Calendars
- Teacher Forums - Support
- Email alerts for assignment submissions, forum contributions(they can be moderated), new activity
- Some activities support groups within the class

Related Links

Main Website

<http://moodle.org/> [url: <http://moodle.org/>]

Community Support Website

<http://moodle.org/login/index.php> [url: <http://moodle.org/login/index.php>]

- Community Forum where you can browse existing questions and ask your own. They will be answered.
- Moodle Support is surprisingly good, considering it is Free.

Download Moodle

<http://download.moodle.org/> [url: <http://download.moodle.org/>]

- Downloads available in Generic Packages (PHP Source Code), Windows Installers, and Mac OS X Installers
- Modules and Plugins are also available here
- -Language Packs

Themes

<http://moodle.org/mod/data/view.php?id=6552> [url: <http://moodle.org/mod/data/view.php?id=6552>]

- Make your moodle site look different

Worldwide Moodle Sites

<http://moodle.org/sites/> [url: <http://moodle.org/sites/>]

Moodle Statistics

<http://moodle.org/stats/> [url: <http://moodle.org/stats/>]

Moodle E-Learning Course Development

<http://www.packtpub.com/moodle/book> [url: <http://www.packtpub.com/moodle/book>]

Generic Quickstart Installation Instructions

http://docs.moodle.org/en/Installation_Quickstart [url: http://docs.moodle.org/en/Installation_Quickstart]

Complete Package Installer for Windows

http://docs.moodle.org/en/Complete_install_packages [url: http://docs.moodle.org/en/Complete_install_packages]

Installation Prerequisites

Slide 3

- Operating System is installed
 - Linux, Windows, Mac OS X, BSD
- Apache is installed and configured to run PHP
- MySQL is installed
 - Note: PostgreSQL is also a possibility
- Determine where the moodle files should reside in the web root folder
- Create a Data Directory outside of the webroot.
 - Used to store backups, images, and other files

Slide notes:

These are extra notes.

Installation Prerequisites cont'd

Slide 4

Things You'll need to know

- Path to the Moodle Directory on the server
 - i.e. /var/www/html/moodle, C:/moodle/, C:/inetPub/moodle/, etc
- Path to the Data folder
 - i.e. /var/www/moodledata/, C:/moodledata/, C:/inetPub/moodledata/, etc
- MySQL Database name
- MySQL Database User and Password

Slide notes:

Generic Installation URL:

http://docs.moodle.org/en/Installing_Moodle [url: http://docs.moodle.org/en/Installing_Moodle]

Install

Slide 5

- Download latest Moodle package from <http://download.moodle.org> [*url: http://download.moodle.org*]
- Extract the package into the Root path of you Moodle Directory
- Make sure your webserver and MySQL are running
- Point your browser to <http://ip.add.re.ss/path/to/moodle/folder/install.php>
- Follow the instructions you will see on the screen

An Demo Site

Slide 6

<http://www.nucenter.org/classroom> [*url: http://www.nucenter.org/classroom*]

- Admin Username: ucetadmin
- Admin Password: adminpassword
- Student Username: ucetstudent
- Student Password: studentpassword
- Try creating activities as the admin
- Logout and log back in as the student to try those activities

Contact Information

Slide 7

Kevin Hansen

kevin@nucenter.org [*url: mailto://kevin@nucenter.org*]

<http://www.nucenter.org/staff/kevin> [*url: http://www.nucenter.org/staff/kevin*]

