Installing and Configuring Moodle
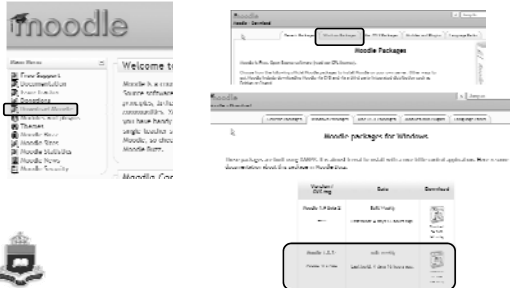
Presentation by James Rudd

Download

- Download latest Windows Install package from Moodle.org

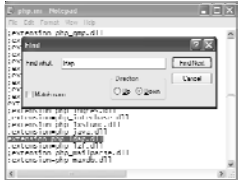## Setup

- Extract zip and copy *moodle* folder to C:\
- Run *setup_xampp* to change paths
- Then start *xampp-control* to configure services
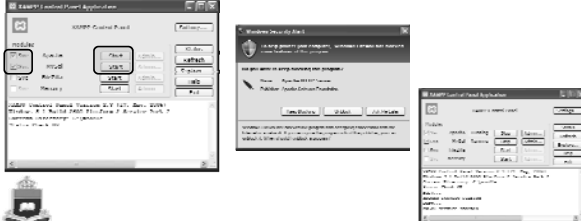
Setup – Enable LDAP

- You need to enable LDAP in XAMPP
- Open C:\moodle\apache\bin\php.ini
- Find "ldap" and remove ";" at start of line

Service Installation

- To have Moodle start automatically
  - Tick the SVC box next to Apache and MySql
  - Then click the start buttons next to them

Initial Installation

- Start up your web browser and type in _localhost_
- Go through screens clicking next and filling in school details as required.
- You may wish to change data directory to a different drive with more space.

First Run

Front Page Settings

Moodle Cron

- Moodle has several scripts that run automatically, such as backup, enrolment, etc.
- To make this work on windows you need to install an extra program.
- http://docs.moodle.org/en/Cron
- http://download.moodle.org/download.php/sourceforge/MoodleCron-Setup.exe
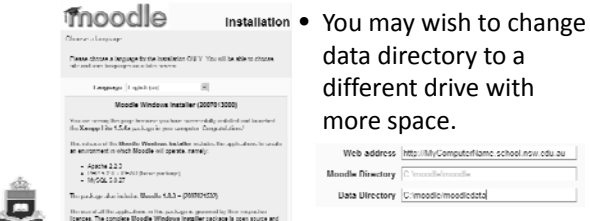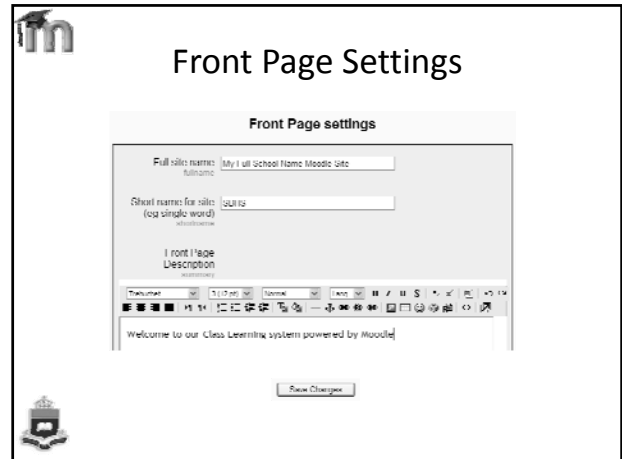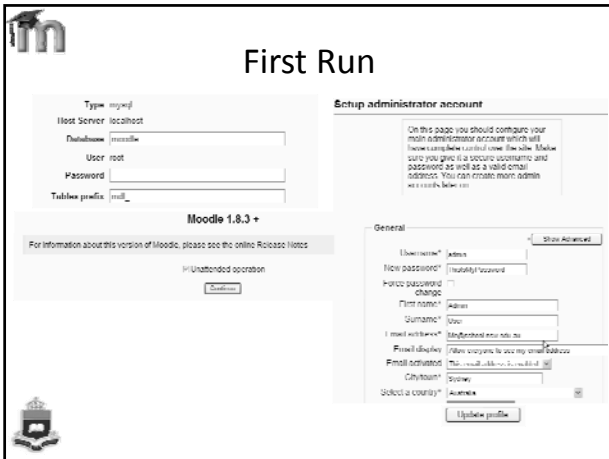
User Authentication - AD

- Allow users to use their existing login details
- Need to connect to Active Directory (AD) using LDAP
- Add a new AD user to use with Moodle

User Authentication -AD

- Download AD Explorer from SysInternals
- www.sysinternals.com -> Networking Utilities
- Start and add your domain controller (Main Server)

User Authentication -AD

- Browse to where you created Moodle user
- Copy the Path of the user, eg
  CN=Moodle User,CN=Users,DC=win,DC=sydneyboys-h,DC=schools,DC=nsw,DC=edu,DC=au

User Authentication - Moodle

- Login to Moodle site as Admin
- In Authentication enable LDAP and disable Email
- Click LDAP Settings

User Authentication - Moodle

- Click LDAP Settings
- Type in school specific details
- Paste in the path of the Moodle User

- Paste in the path of the Moodle User and type in their password

User Authentication - Moodle

- Using AD Explorer copy the path of the container holding all your staff and student users

- Paste into the Contexts option

User Authentication - Moodle

- Do the same again for a group you wish to use to create courses.
- Then set the Data Mapping options as shown.

User Authentication - Moodle

- Now when users login to Moodle with their network username and password for the first time it will prompt them to fill in their details for their new account.
- Note the locked items from previous page cannot be changed

Creating a Course

- Click on *Add a new course*

Course Settings

- Fill in class name, an abbreviated name and summary.
- Change the format to Topics if preferred.

Adding Course Content

- Click the short class name to return to class.
- Click *Turn editing on* to modify the course and add content
- Add resources or activities as desired

Useful Links

- Moodle Links
  - http://docs.moodle.org/en/Installing_AMP#Windows
  - http://docs.moodle.org/en/LDAP_authentication
  - http://docs.moodle.org/en/Cron
  - http://download.moodle.org/download.php/ sourceforge/MoodleCron-Setup.exe
  - http://docs.moodle.org/en/Using_Moodle_book
  - http://download.moodle.org/docs/teacher-manual.pdf
  - http://moodle.tokem.fi/
- Other
  - http://www.microsoft.com/technet/sysinternals/ Networking/AdExplorer.mspx