Chapter 1: Moodle Installation

Version	Information	.tgz	.zip
Moodle 3.0+ MOODLE_30_STABLE Built Weekly 3 days 1 hour ago	This package is built every week with new fixes produced by our stable development process. It contains a number of fixes made since the 3.0 release and is usually a better choice for production than the actual 3.0 package below. • Recent changes log • Upgrading notes • Requires: PHP 5.4.4, MariaDB 5.5.31 or MySQL 5.5.31 or Postgres 9.1 or MSSQL 2008 or Oracle 10.2 • Language packs	**Download tgz** 36.2MB 244 today [md5] [sha256]	**Download zip** 48MB 751 today [md5] [sha256]
Moodle 3.0 MOODLE_30 16 Nov 2015 6 days 17 hours ago	This is the latest official update of Moodle 3.0. • Release notes • Fixed issues • Upgrading notes • Requires: PHP 5.4.4, MariaDB 5.5.31 or MySQL 5.5.31 or Postgres 9.1 or MSSQL 2008 or Oracle 10.2 • Language packs	**Download tgz** 36.2MB 48 today [md5] [sha256]	**Download zip** 48MB 114 today [md5] [sha256]

Add a new User

Login Information

User name:	Use text field: ▾	book
Host:	Any host ▾	
Password:	Use text field: ▾	••••
Re-type:		••••
Generate Password:	Generate Copy	

Database for user

○ None
◉ Create database with same name and grant all privileges
○ Grant all privileges on wildcard name (username_%)

Choose a language

Please choose a language for the installation. This language will also be used as the default language for the site, though it may be changed later.

Language   English (en)   ⇕

Next »

moodle

Web address	http://packt.ab.local
Moodle directory	/var/www/packt
Data directory	/var/www/moodledata

« Previous   Next »

Choose database driver

Moodle supports several types of database servers. Please contact server administrator if you do not know which type to use.

Type
✓ Improved MySQL (native/mysqli)
MariaDB (native/mariadb)
PostgreSQL (native/pgsql)
Not available
    Oracle (native/oci)
    SQL*Server Microsoft (native/sqlsrv)
    SQL*Server FreeTDS (native/mssql)

moodle

Database host	localhost
Database name	packt
Database user	packt
Database password	password
Tables prefix	mdl_

Moodle - Modular Object-Oriented Dynamic Learning Environment

Copyright notice

Have you read these conditions and understood them?

Continue   Cancel

Moodle 3.0 (Build: 20151116)

For information about this version of Moodle, please see the online Release Notes

Server checks

Name	Information	Report	Plugin	Status
php_setting	opcache.enable	ⓘ PHP setting should be changed. PHP opcode caching improves performance and lowers memory requirements, OPcache extension is recommended and fully supported.		**Check**
moodle		ⓘ version 2.2 is required and you are running 3.0beta (Build: 20151023)		OK
unicode		ⓘ must be installed and enabled		OK
database	mysql (5.5.38-1~dotdeb.0)	ⓘ version 5.5.31 is required and you are running 5.5.38.1.0		OK
php		ⓘ version 5.4.4 is required and you are running 5.4.35.1.0		OK
pcreunicode		ⓘ should be installed and enabled for best results		OK
php_extension	iconv	ⓘ must be installed and enabled		OK
php_extension	mbstring	ⓘ should be installed and enabled for best results		OK
php_extension	curl	ⓘ must be installed and enabled		OK
php_extension	openssl	ⓘ should be installed and enabled for best results		OK
php_extension	tokenizer	ⓘ should be installed and enabled for best results		OK
php_extension	xmlrpc	ⓘ should be installed and enabled for best results		OK
php_extension	soap	ⓘ should be installed and enabled for best results		OK
php_extension	ctype	ⓘ must be installed and enabled		OK
php_extension	zip	ⓘ must be installed and enabled		OK
php_extension	zlib	ⓘ must be installed and enabled		OK
php_extension	gd	ⓘ must be installed and enabled		OK
php_extension	simplexml	ⓘ must be installed and enabled		OK
php_extension	spl	ⓘ must be installed and enabled		OK
php_extension	pcre	ⓘ must be installed and enabled		OK
php_extension	dom	ⓘ must be installed and enabled		OK
php_extension	xml	ⓘ must be installed and enabled		OK
php_extension	intl	ⓘ should be installed and enabled for best results		OK
php_extension	json	ⓘ must be installed and enabled		OK
php_extension	hash	ⓘ must be installed and enabled		OK
php_setting	memory_limit	ⓘ recommended setting detected		OK
php_setting	file_uploads	ⓘ recommended setting detected		OK

Your server environment meets all minimum requirements.

Installation

On this page you should configure your main administrator account which will have complete control over the site. Make sure you give it a secure username and password as well as a valid email address. You can create more admin accounts later on.

▶ Expand all

◤ General

Username*	admin
Choose an authentication method ⓘ	Manual accounts

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s)

New password* ⓘ	••••••••••• ☐ Unmask
Force password change ⓘ	☐
First name*	Alex
Surname*	Büchner
Email address*	***************************
Email display	Allow everyone to see my email address ⬍

▼ Registration information

Name* ⍰	Packt
Privacy ⍰	Please do not publish this site ⇕
Description* ⍰	Packt Moodle 3 Administration

Task

Switched on	☑
Minute *	*/5
Hour *	*
Day of the Month *	*

Month *
  ◉ Enter the value   *
    in UNIX crontab format e.g. 1, 5-7, */4
  ○ Select the month   January ▾

Day of the Week *
  ◉ Enter the value   *
    in UNIX crontab format e.g. 1, 4-6
  ○ Select the day of week   Sunday ▾

Command *
  wget -q -O /dev/null http://book.synergy-learning.com/admin/cron

moodle for mac

drop the MAMP folder to Applications
start MAMP
go to url http://localhost:8888/moodle

MAMP

Applications

MAMP.app

Link to
Moodle30.webloc

UpdateMoodle30.sh

Apache Server ☑
MySQL Server ☑

⚙
Preferences...

🌐
Open WebStart page

⏻
Stop Servers

Quit

Try MAMP PRO

Moodle 3.0

Moodle4Mac

This package for OS X comes with Moodle 3.0 and MAMP 3.4. We hope you will like it!

COURSES ⊟ ◁
🔁 About Moodle4Mac
🔁 How to update
All courses ...

NAVIGATION ⊟ ◁
Home
▪ Dashboard
▸ Site pages
▸ My courses

ADMINISTRATION ⊟ ◁
▾ Front page settings
🖉 Turn editing on
⚙ Edit settings
▸ Users
▸ Filters

Please login with admin / 12345
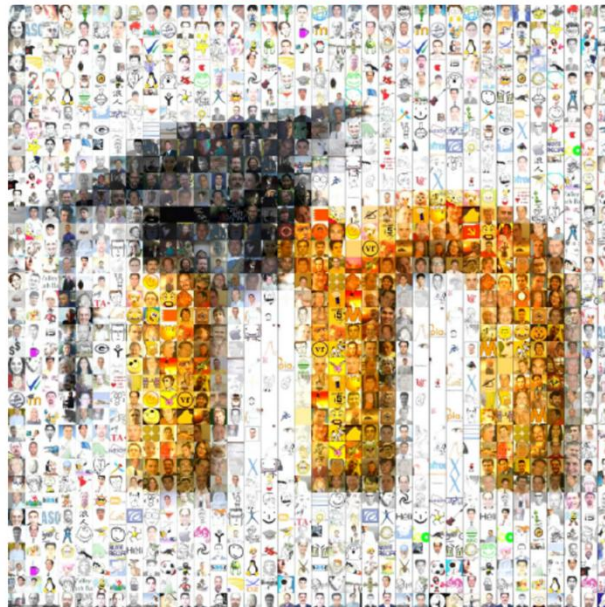
CALENDAR ⊟ ◁
◀ November 2015 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

ONLINE USERS ⊟ ◁
(last 5 minutes)
👤 - Admin -

```
Options:
--chmod=OCTAL-MODE    Permissions of new directories created within dataroot.
                      Default is 2777. You may want to change it to 2770
                      or 2750 or 750. See chmod man page for details.
--lang=CODE           Installation and default site language.
--wwwroot=URL         Web address for the Moodle site,
                      required in non-interactive mode.
--dataroot=DIR        Location of the moodle data folder,
                      must not be web accessible. Default is moodledata
                      in the parent directory.
--dbtype=TYPE         Database type. Default is mysqli
--dbhost=HOST         Database host. Default is localhost
--dbname=NAME         Database name. Default is moodle
--dbuser=USERNAME     Database user. Default is root
--dbpass=PASSWORD     Database password. Default is blank
--dbport=NUMBER       Use database port.
--dbsocket=PATH       Use database socket, 1 means default. Available for some databases only.
--prefix=STRING       Table prefix for above database tables. Default is mdl_
--fullname=STRING     The fullname of the site
--shortname=STRING    The shortname of the site
--summary=STRING      The summary to be displayed on the front page
--adminuser=USERNAME  Username for the moodle admin account. Default is admin
--adminpass=PASSWORD  Password for the moodle admin account,
                      required in non-interactive mode.
--adminemail=STRING   Email address for the moodle admin account.
--upgradekey=STRING   The upgrade key to be set in the config.php, leave empty to not set it.
--non-interactive     No interactive questions, installation fails if any
                      problem encountered.
--agree-license       Indicates agreement with software license,
                      required in non-interactive mode.
--allow-unstable      Install even if the version is not marked as stable yet,
                      required in non-interactive mode.
--skip-database       Stop the installation before installing the database.
-h, --help            Print out this help

Example:
$sudo -u www-data /usr/bin/php admin/cli/install.php --lang=cs
```

Maintenance mode

Maintenance mode
maintenance_enabled

Enable ⬍ Default: Disable

For upgrades and other work

Optional maintenance message
maintenance_message

We are currently updating your Moodle server. The system will be back online Tuesday, June 10th, 2014.

We apologies for any inconvenience caused.

Your Moodle team.

Language: English ▲▼

Adminer *4.0.2* *4.1.0*

DB: [_____] ▲▼

🟦 SQL command   Import
📄 **Dump**

MySQL » Server » Export

Export

Output	⦿ open ◯ save ◯ gzip
Format	⦿ SQL ◯ CSV, ◯ CSV; ◯ TSV
Database	CREATE ▲▼ ☑ Routines ☑ Events
Tables	DROP+CREATE ▲▼ ☐ Auto Increment ☑ Triggers
Data	INSERT ▲▼

Export

☑ **Database**
☑ moodle2

Your Moodle files have been changed, and you are about to automatically upgrade your server to this version:

3.0 (Build: 20151116) (2015111600.00)

Once you do this you can not go back again. Please note that this process can take a long time.

Are you sure you want to upgrade this server to this version?

Continue   Cancel

Plugins requiring attention

Plugins requiring attention `412`   All plugins `412`

Plugin name / Directory	Current version	New version	Requires	Source / Status
Activity modules				
📄 Assignment /mod/assign	2015051101	2015111600	• Moodle 2015111000	Standard To be upgraded
📄 Assignment 2.2 (Disabled) /mod/assignment	2015051100	2015111600	• Moodle 2015111000	Standard To be upgraded
📗 Book /mod/book	2015051102	2015111600	• Moodle 2015111000	Standard To be upgraded
💬 Chat /mod/chat	2015051101	2015111600	• Moodle 2015111000	Standard To be upgraded
• • •				
fontawesome	2013101500			Additional Missing from disk!

The settings shown below were added during your last Moodle upgrade. Make any changes necessary to the defaults and then click the "Save changes" button at the bottom of this page.

New settings - Email

Always send email from the
no-reply address?
emailonlyfromnoreplyaddress

☐ Default: No

If enabled, all email will be sent using the no-reply address as the "from" address. This can be used to stop anti-spoofing controls in external mail systems blocking emails.

Save changes

```
root@debian:/var/www/moodle2# git fetch
remote: Counting objects: 1541, done.
remote: Compressing objects: 100% (229/229), done.
remote: Total 1001 (delta 788), reused 973 (delta 764)
Receiving objects: 100% (1001/1001), 162.68 KiB, done.
Resolving deltas: 100% (788/788), completed with 194 local objects.
From git://git.moodle.org/moodle
   25b43f7..19a4491  MOODLE_26_STABLE -> origin/MOODLE_26_STABLE
   3caea82..146c80d  MOODLE_27_STABLE -> origin/MOODLE_27_STABLE
   edbcfbd..da0ef2e  master          -> origin/master
 * [new tag]         v2.6.7          -> v2.6.7
From git://git.moodle.org/moodle
 * [new tag]         v2.7.4          -> v2.7.4
```

Update notifications

Automatically check for
available updates
updateautocheck

☑ Default: Yes

If enabled, your site will automatically check for available updates for both Moodle code ... s. If there is a new update available, a notification will be sent to

| Alpha |
| Beta |
| Release candidate |
| ✓ Stable version |

Required code maturity
updateminmaturity

Default: Stable version

Notify about available updates only if the available code has the selected maturity level at least. Updates for plugins that do not declare their code maturity level are always reported regardless this setting.

Notify about new builds
updatenotifybuilds

☑ Default: No

If enabled, the available update for Moodle code is also reported when a new build for the current version is available. Builds are continuous improvements of a given Moodle version. They are generally released every week. If disabled, the available update will be reported only when there is a higher version of Moodle released. Checks for plugins are not affected by this setting.

There is a newer Moodle version available!

Moodle 3.0.1+ (Build: 20151223) Version 2015111601.01 Stable version Download More info...
It is strongly recommended that you update your site to the latest version to obtain all recent security and bug fixes.

Check for available updates

Last check done on 26 December 2015, 7:00 AM

Chapter 2: The Moodle System
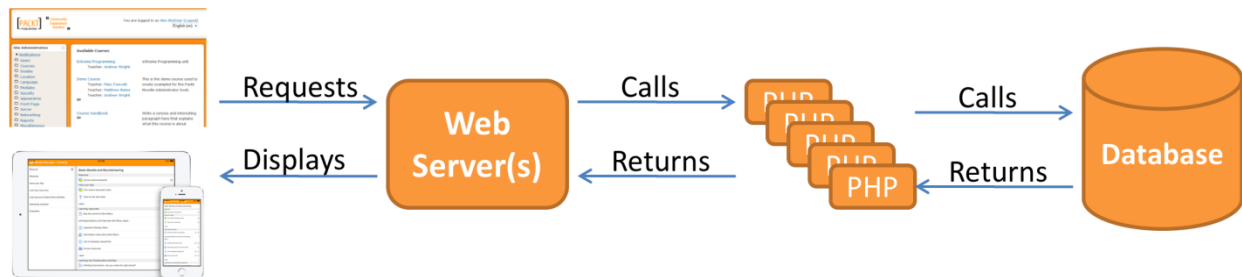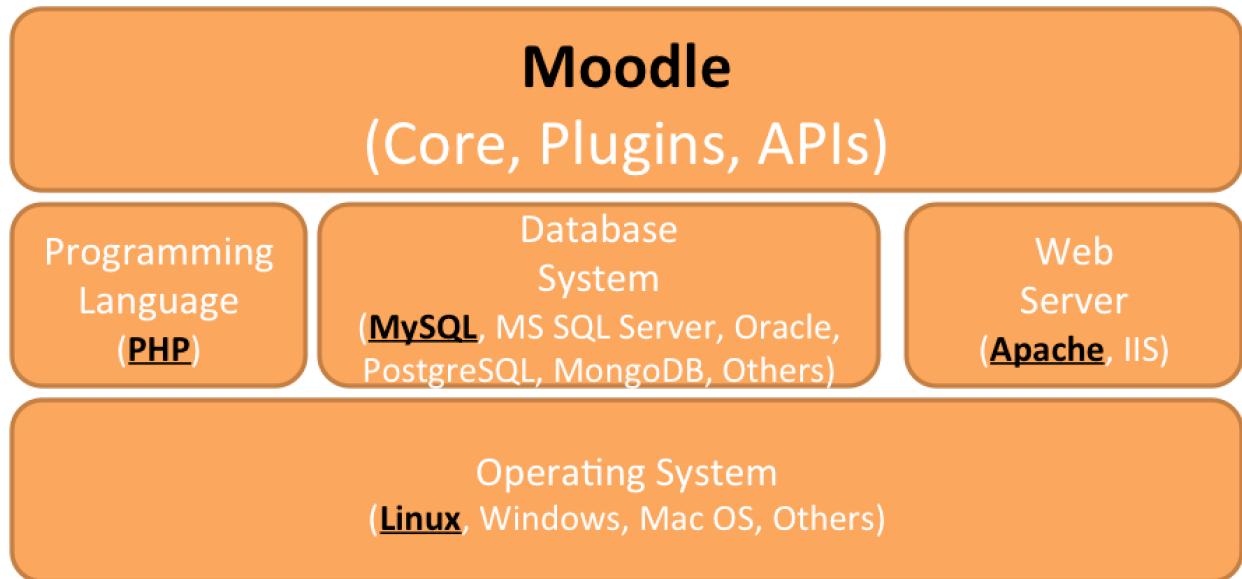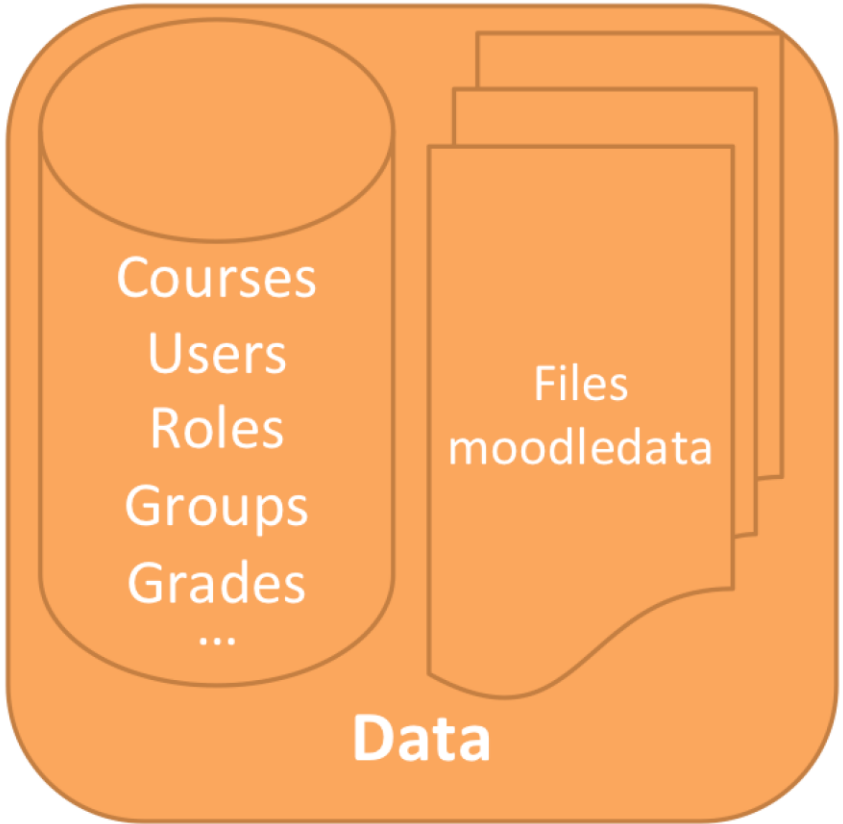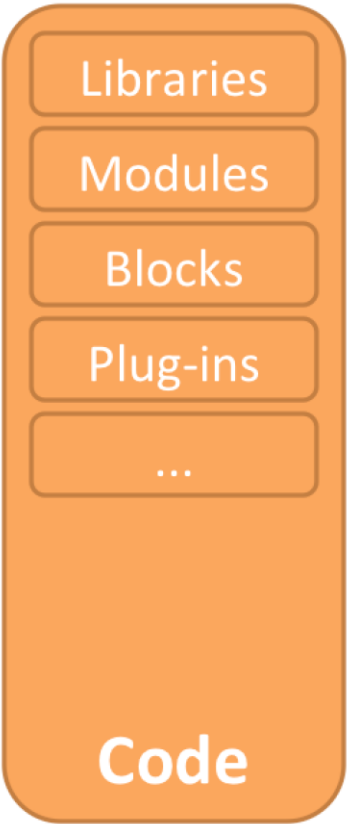
Moodle
(Core, Plugins, APIs)

| Programming Language (**PHP**) | Database System (**MySQL**, MS SQL Server, Oracle, PostgreSQL, MongoDB, Others) | Web Server (**Apache**, IIS) |

Operating System
(**Linux**, Windows, Mac OS, Others)

Requests → Web Server(s) → Calls → PHP → Calls → Database

Displays ← Web Server(s) ← Returns ← PHP ← Returns ← Database

Libraries

Modules

Blocks

Plug-ins

...

Code

Courses
Users
Roles
Groups
Grades
...

Files
moodledata

Data

Home ▶ Site administration ▶ Plugins ▶ Repositories ▶ File system

Upload users ⊘

Help icon

▼ Upload

Upload users   ✕

Users may be uploaded (and optionally enrolled in courses) via text file.

The format of the file should be as follows:

- Each line of the file contains one record
- Each record is a series of data separated by commas (or other delimiters)
- The first record contains a list of fieldnames defining the format of the rest of the file
- Required fieldnames are username, password, firstname, lastname, email

Help Window

...g and drop files here to add them.

CSV delimiter   , ▾

Encoding   UTF-8 ▾

Preview rows   10 ▾

Upload users

There are required fields in this form marked *.

Link to Moodle Docs

ⓘ Moodle Docs for this page

3.0 docs▾   article   page comments   view source   history   Search 🔍

Upload users

(Redirected from admin/tool/uploaduser/index)

We're currently working on documenting the new features and improvements in 3.0, ready for its release in November 2015. Help is always welcome - just log in with your moodle.org username and password to edit pages.

An administrator can upload multiple user accounts via text file in *Administration > Site administration > Users > Accounts > Upload users*.

There are many robust options for uploading information (fields associated with a user) with this method: from enrolling users in multiple courses with course specific roles to updating user information in the User profile to deleting users from the site.

Rather than uploading the text file, it can simply dragged from the desktop and dropped into the upload area, as demonstrated in the screencast Drag and drop new users into Moodle 2.3⧉ (by Mary Cooch).

Tip: It is usually not necessary to upload users in bulk with Upload users. To keep maintenance work down you should first explore forms of authentication that do not require manual maintenance, such as connecting to existing external databases or letting the users create their own accounts (Self enrolment). See Authentication for more information.

MANAGING ACCOUNTS

Browse list of users

Bulk user actions

Add a new user

Upload users

User pictures

User profile fields

Additional name fields

Create directory

You can drag and drop files here to add them.

Download all files

Display folder options

9714_02_01.png   9714_02_02.png   9714_02_1st_Draft.do

Edit 9714_02_1st_Draft.docx

Download　Delete　Set main file

Name: 9714_02_1st_Draft.docx

Author: Alex Büchner

Choose license: All rights reserved

Path: /

Update　Cancel
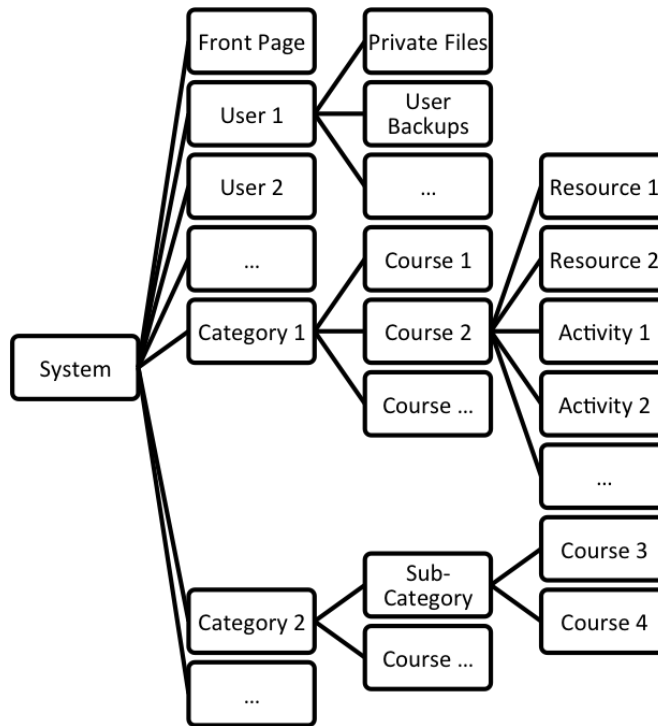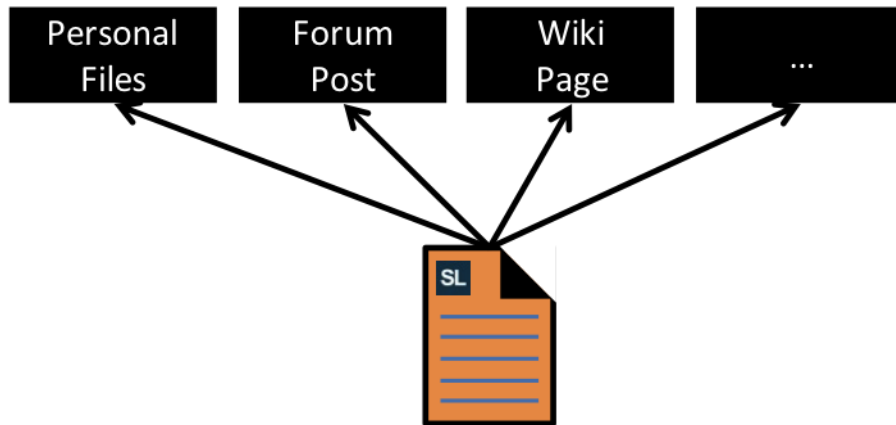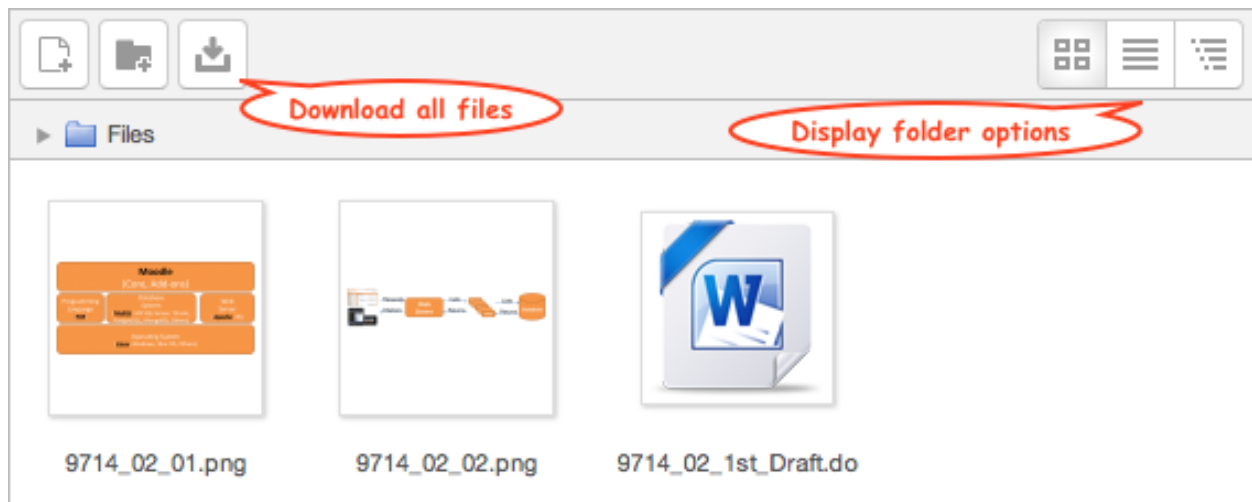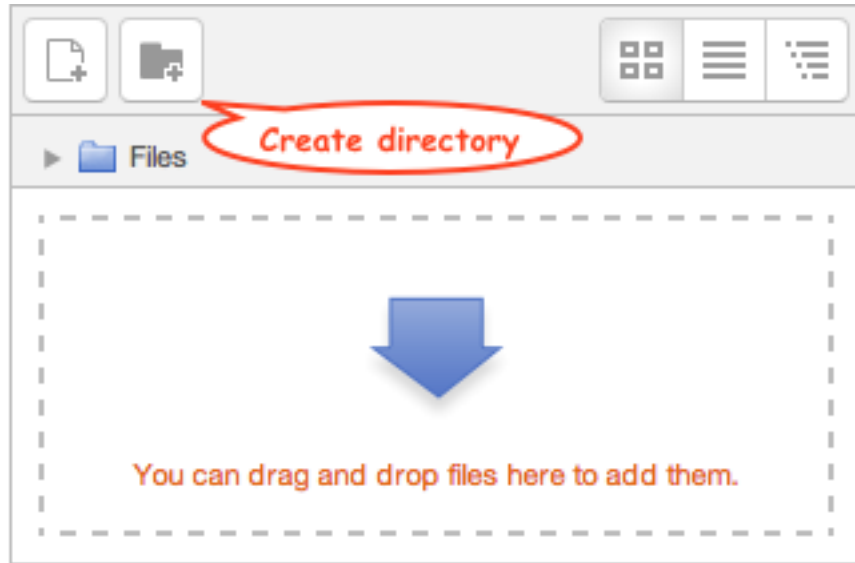
Last modified: 27 April 2014, 3:53 PM

Created: 27 April 2014, 3:53 PM

Size: 1.1MB

Files

▶ 📁 Files

Data　Image.JPG　Moodle-Developer-

Select Moodle-Developer-Training.pdf ✕

◉ Make a copy of the file
◯ Create an alias/shortcut to the file

Save as: Moodle-Developer-Training.pdf

Author: Alex Büchner

Choose license: All rights reserved ⇅

Select this file   Cancel

Last modified: 23 May 2012, 9:14 AM

Created: 23 May 2012, 9:06 AM

Size: 157.1KB

License: All rights reserved

Author: Alex Büchner
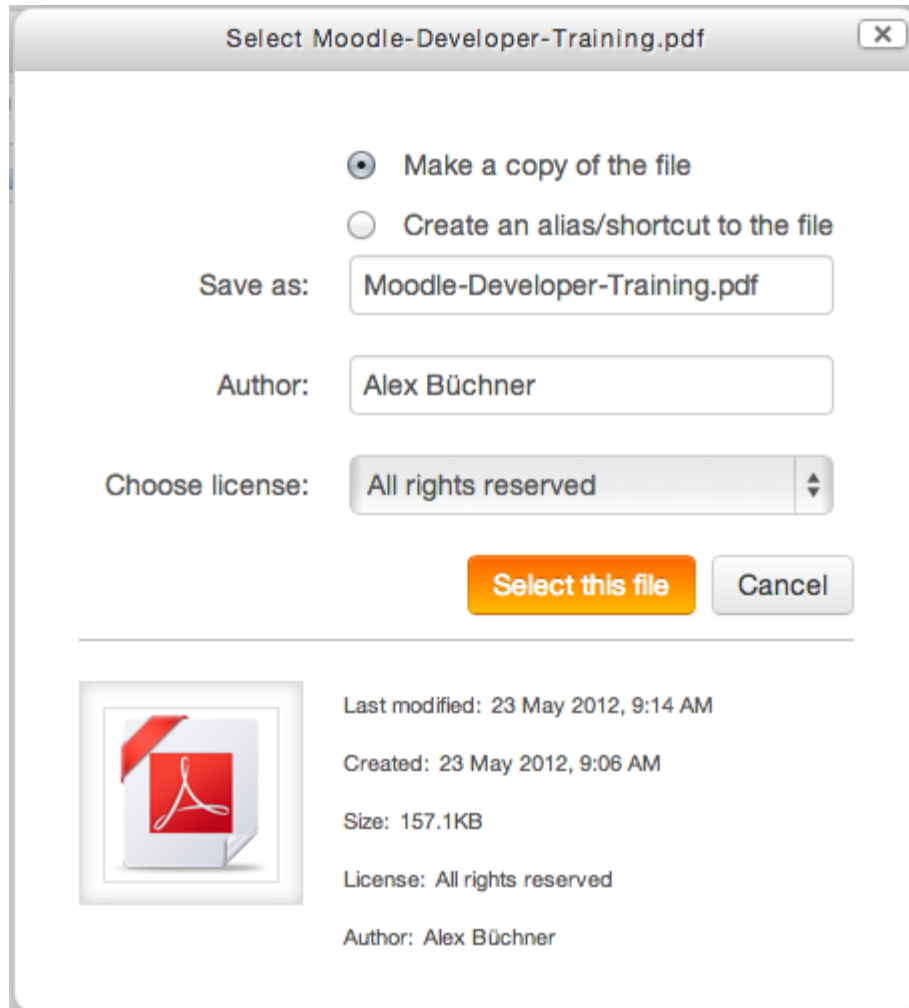
File types

Extension		Type	MIME type	Type groups	Description
3gp	⚙ ✕	Standard	video/quicktime	video	
7z	⚙ ✕	Standard	application/x-7z-compressed	archive	Archive (7Z)
aac	⚙ ✕	Standard	audio/aac	audio	Audio file (AAC)
accdb	⚙ ✕	Standard	application/msaccess		
ai	⚙ ✕	Standard	application/postscript	image	Image (POSTSCRIPT)

Manage repositories

Name	Active?		Order	Settings
File system	✓ Enabled and visible Enabled but hidden Disabled		↓	Settings 2 Site-wide common instance(s) 1 Course-wide common instance(s) 1 User private instance(s)

Configuration for file system repository

Name*   Learning Resources

        ✓ alex
        ecdl

These folders are within the **/var/www/moodledata2/repository/** directory.

Allow relative files   ☑ This allows all files in the repository to be accessible using relative links.

Save   Cancel

File picker   ✕

- Alex
- Learning Resources
- Server files
- Recent files
- Upload a file
- Private files
- BSCW
- Dropbox
- Alfresco
- Amazon S3
- Equella
- Microsoft OneDrive

▶ 📁 Root

file-document.pdf   file-excel.xlsx   file-image.jpg   file-powerpoint.pptx   file-word.docx

scorm1.zip   scorm2.zip   scorm3.zip   scorm4.zip   scorm5.zip
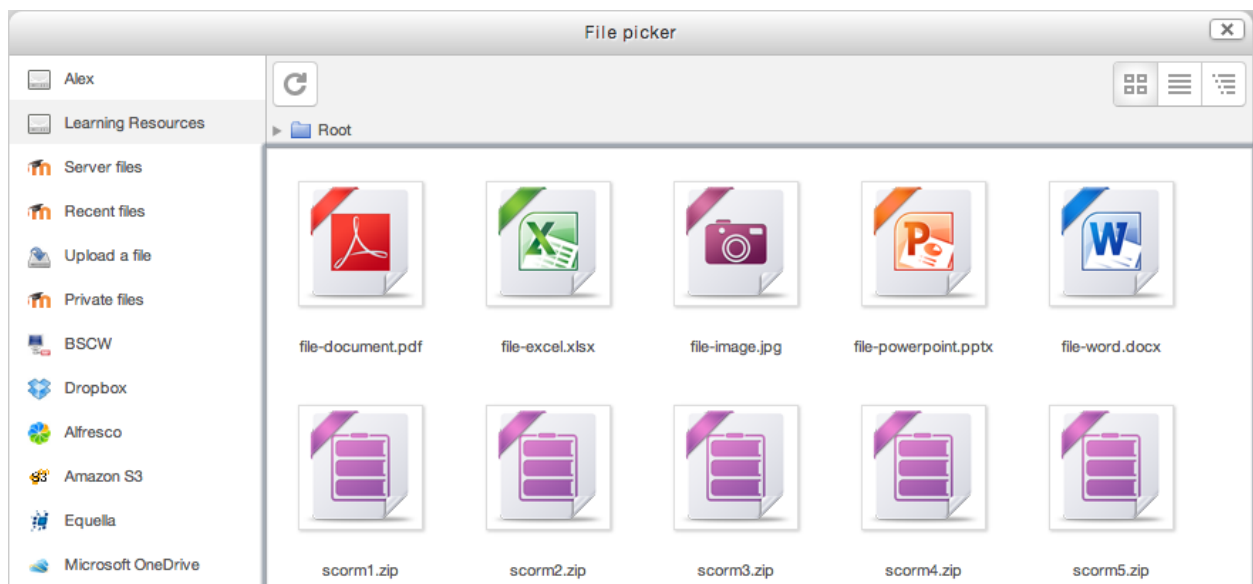
Chapter 3: Courses, Users, and Roles
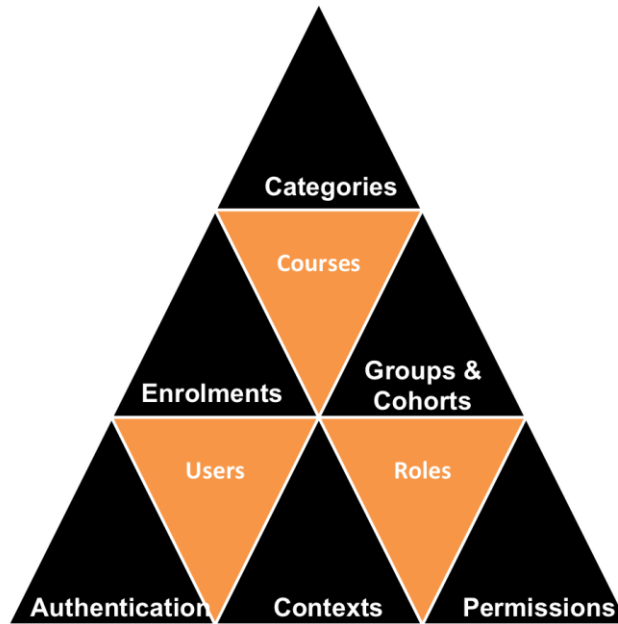
Edit course settings

▼ General   ▶ Expand all

Course full name* ⑦	Test course
Course short name* ⑦	Test
Course category ⑦	Miscellaneous ⬍
Visible ⑦	Show ⬍
Course start date ⑦	25 ⬍ May ⬍ 2014 ⬍ 📅
Course ID number ⑦	

Authentication

Enrolment

▾ General
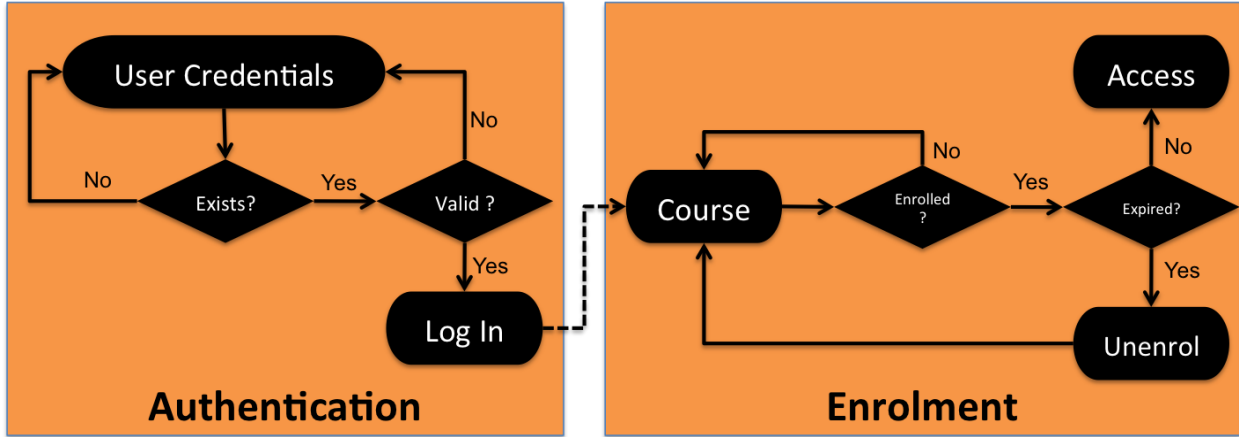
Username*	participant01
Choose an authentication method ⑦	Manual accounts ⬍
Suspended account ⑦	☐
Generate password and notify user	☐

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s)

New password ⑦	••••••••••••• ☐ Unmask
Force password change ⑦	☐
First name*	Participant
Surname*	One
Email address*	Required
Email display	Allow only other course members to see my email address ⬍

First name / Surname	Email address	City/town	Country	Last access	Edit
Alex Büchner	alex.buchner@synergy-learning.com	Heidelberg	Germany	28 secs	⚙
Participant One	participant01@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Two	participant02@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Three	participant03@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Four	participant04@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Five	participant05@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Six	participant06@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Seven	participant07@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Eight	participant08@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Nine	participant09@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Participant Ten	participant10@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙
Tommy Teacher	tommy@myschool.edu	Heidelberg	Germany	Never	✕ 👁 ⚙

Demo course

View | Edit | Enrolled users | Delete | Hide | Backup | Restore

Enrolled users

Enrol users   ✕

Assign roles

✓ None
Manager
Teacher
Non–editing teacher
Student

Enrol users

Search [   ] Enro   All ⬍ Filter Reset

First name / Surname ▲ / Email address	Las			ups Enrolment methods
Participant One participant01@myschool.edu	Neve	Participant Five participant05@myschool.edu Enrol		Manual enrolments from Tuesday, 29 April 2014, 12:00 AM ⚙ ✕
Participant Three participant03@myschool.edu	Neve	Participant Four participant04@myschool.edu		Manual enrolments from Tuesday, 29 April 2014, 12:00 AM ⚙ ✕
Participant Two participant02@myschool.edu	Neve	5 Participant Nine participant09@myschool.edu Enrol		Manual enrolments from Tuesday, 29 April 2014, 12:00 AM ⚙ ✕
		6 Participant Seven participant07@myschool.edu Enrol		Enrol users
		7 Participant Six participant06@myschool.edu Enrol		

Short name	⑦	editingteacher
Custom full name	⑦	Teacher
Custom description	⑦	Teachers can do anything within a course, including changing the activities and grading students.
Role archetype	⑦	ARCHETYPE: Teacher (editing)

Context types where this role may be assigned

☐ System
☐ User
☐ Category
☑ Course
☑ Activity module
☐ Block

Allow role assignments Non-editing teacher, Student

Allow role overrides Non-editing teacher, Student, Guest

Allow role switches Non-editing teacher, Student, Guest

Role risks ⚠ ⚠ ⚠ ⚠

Filter [   ] [Clear]

Capability	Permission ⑦	Risks
System		
Edit and manage entries moodle/blog:manageentries	Allow	⚠
Edit and manage external blogs moodle/blog:manageexternal	Allow	⚠
Search blog entries moodle/blog:search	Allow	

Chapter 4: Course Management
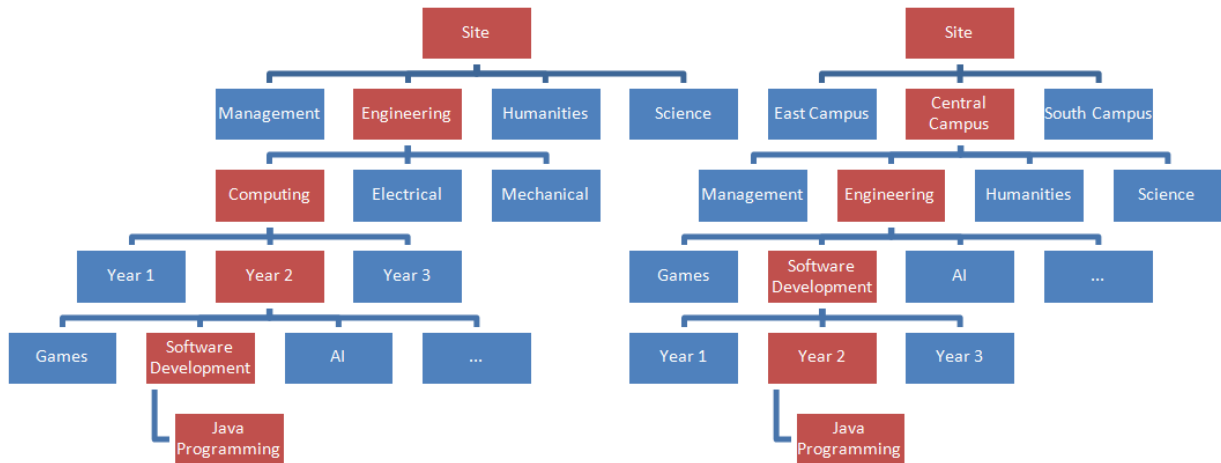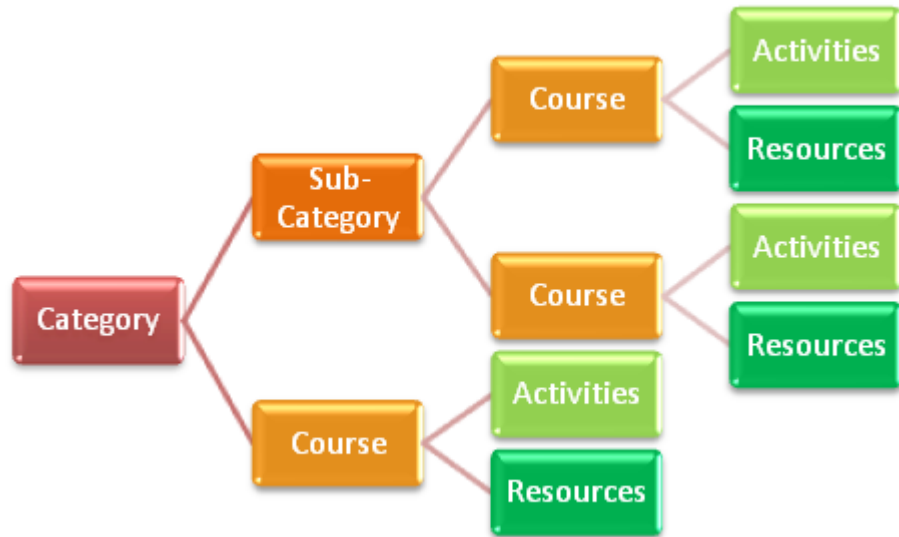
Course categories

Create new category

☐ ▪ Miscellaneous 👁 ⚙▾ 2 👥

Parent category

√ Top

Miscellaneous

Category name *

Engineering

Category ID number ?

ENG

Description

Course and qualifications of the Faculty of Engineering

☐ ⊟ **Computing** COMP   👁 ⬆ ⚙▾   0

     ☑   ▪ **Computing - Year 1**

         COMP-1   👁 ⬇ ⚙▾   0

     ☑   ▪ **Computing - Year 2**

         COMP-2   👁 ⬆ ⬇ ⚙▾   0

     ☑   ▪ **Computing - Year 3**

         COMP-3   👁 ⬆ ⚙▾   0

Delete category: Computing

▼ Contents of Computing

This category contains	• Subcategories
	• Courses
What to do	✓ Move contents to another category
	Delete all – cannot be undone
Move into	Miscellaneous ⬍

[Delete] [Cancel]

☐	▪ Miscellaneous		🚫 ↓ ⚙▾	0 ♻
☐	▪ Engineering	ENG	👁 ↑ ↓ ⚙▾	2 ♻
☐	⊟ Computing	COMP	👁 ↑ ⚙▾	4 ♻
☑	▪ Computing - Year 1			3 ♻
☑	▪ Computing - Year 3			0 ♻
☑	▪ Computing - Year 2			0 ♻

⚙ **Edit**

▤ Create new subcategory

⇕ Sort subcategories by Category name ascending

⇕ Sort subcategories by Category name descending

⇕ Sort subcategories by Category ID number ascending

⇕ Sort subcategories by Category ID number descending

✕ Delete

👥 Assign roles

🔑 Permissions

👥 Cohorts

▼ Filters

⬇ Restore course

Sorting

Selected categories ⬍

Sort by Category name ascending

Sort by Course full name ascending

[Sort]

Move selected categories to

Choose... ⬍

Sort by Course full name ascending

Sort by Course full name descending

Sort by Course short name ascending

Sort by Course short name descending

Sort by Course ID number ascending

Sort by Course ID number descending

Sort by Course time created ascending

Sort by Course time created descending

✛ ☑ Demo course   ⚙ ✕ 👁 ↓

✛ ☐ Packt Demo   ⚙ ✕ 👁 ↑

Move selected course

Choose...

Course default settings

Visible   Show ⬍   Default: Show

moodlecourse | visible

This setting determines whether the course appears in the list of courses. Apart from teachers and administrators, users are not allowed to enter the course.

Course format

Format   Weekly format ⬍   Default: Weekly format

moodlecourse | format

The course main page will be displayed in this format.

Maximum number of sections   52   Default: 52

moodlecourse | maxsections

The maximum value in the number of sections dropdown menu (applies to certain course formats only).

Course request

Enable course requests	☑ Default: No	
enablecourserequests	This will allow any user to request a course be created.	
Default category for course requests	Miscellaneous ⇅ Default: Miscellaneous	
defaultrequestcategory	Courses requested by users will be automatically placed in this category.	
Enable category selection	☐ Default: No	
requestcategoryselection	Allow the selection of a category when requesting a course.	
Course request notification	Nobody Everyone who can 'Approve course creation' Alex Büchner	
courserequestnotify		

Default: Nobody

Users who will be notified when a course is requested. Only users who can approve course requests are listed here.

Courses pending approval

The user requesting this course will be automatically enrolled and assigned the role of Teacher.

Course short name	Course full name	Requested by	Summary	Category	Reason for course request	Action
Bootstrap	Bootstrap design	Tommy Teacher	Understanding the bootstrap framework and creating web content for mobile devices.	Computing	New element in MSc. Instruction Design	Approve Reject...

Back to course listing

General

File* ⑦   Choose a file...

courses.csv

CSV delimiter ⑦   , ⇕

Encoding ⑦   UTF-8 ⇕

Preview rows ⑦   10 ⇕

Import options

Upload mode ⑦   ✓ Create new courses only, skip existing ones
                      Create all, increment shortname if needed
Update mode ⑦   Create new courses, or update existing ones   ⇕
                      Only update existing courses

Allow deletes ⑦   No ⇕

Allow renames ⑦   No ⇕

Allow resets ⑦   No ⇕

Preview

▾ Course process

Template to generate a shortname   `Test %i`
⊘

Restore from this file after upload   [Choose a file...]
⊘

You can drag and drop files here to add them.
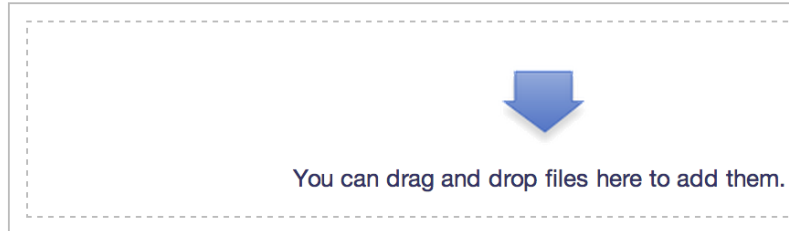
Restore from this course after upload   `template_course`
⊘

| No |
| √ Yes |

Reset course after upload ⊘
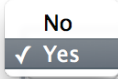
Upload courses results

Line	Result	ID	Short name	Full name	ID number	Status
1	✓	17	course1	Course One		Course created
2	✗		course2	Course Two		Could not resolve category by ID number
3	✓	18	course3	Course Three		Course created
4	✓	16	dummy			Course deleted
5	✗		test	Test course		Could not resolve category by ID

- Courses total: 5
- Courses created: 2
- Courses updated: 0
- Courses deleted: 1
- Courses errors: 2
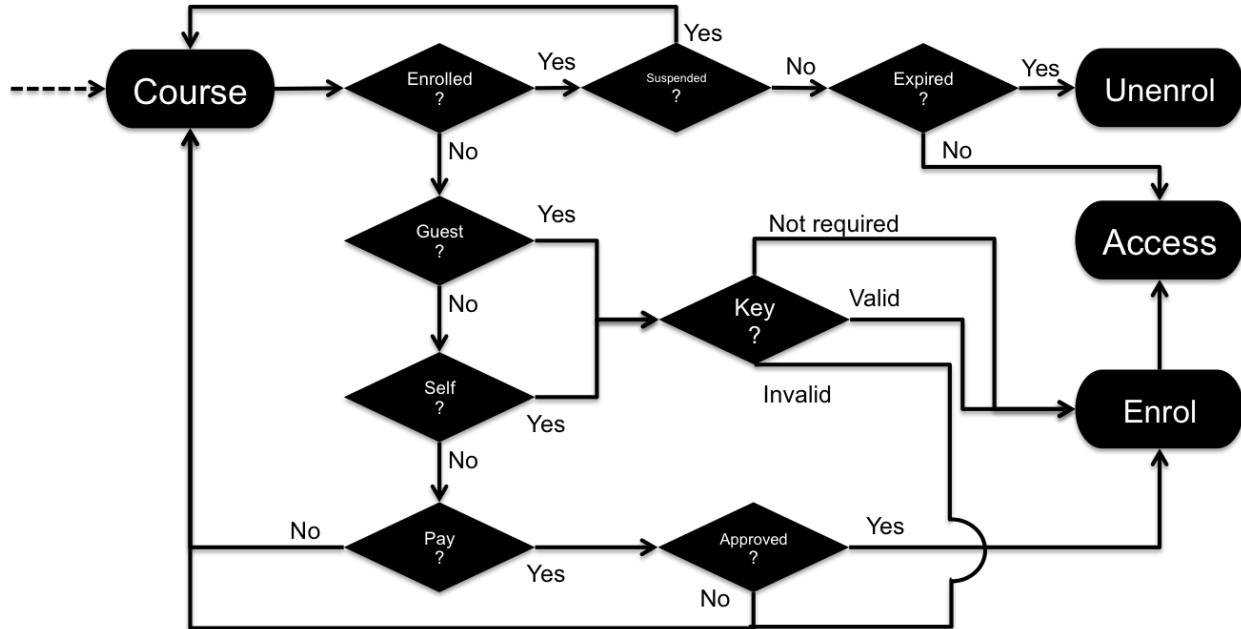
Available course enrolment plugins

Name	Instances / enrolments	Version	Enable	Up/Down	Settings	Test settings	Uninstall
Manual enrolments	7 / 5	2013110500	👁	↓	Settings		
Guest access	7 / 0	2013110500	👁	↑ ↓	Settings		Uninstall
Self enrolment	7 / 0	2013112100	👁	↑ ↓	Settings		Uninstall
Cohort sync	0 / 0	2013110500	👁	↑ ↓	Settings		Uninstall
LDAP enrolments	0 / 0	2013110500	👁	↑ ↓	Settings		Uninstall
External database	0 / 0	2013110500	👁	↑	Settings	Test settings	Uninstall
Category enrolments	0 / 0	2013110500	👁		Settings		Uninstall
Flat file (CSV)	0 / 0	2013110500	👁		Settings		Uninstall
IMS Enterprise file	0 / 0	2013110500	👁		Settings		Uninstall
Course meta link	0 / 0	2013110500	👁		Settings		Uninstall
MNet remote enrolments	0 / 0	2013110500	👁		Settings		Uninstall
PayPal	0 / 0	2013110500	👁		Settings		Uninstall

Name	Users	Up/Down	Edit
Manual enrolments	0	↓	✕ 👁 👤₊ ⚙
Guest access	0	↑ ↓	✕ 👁̸ ⚙
Self enrolment (Student)	0	↑	✕ 👁̸ ⚙

Choose...
Self enrolment
✓ Cohort sync
Course meta link
PayPal

Manual enrolments

The manual enrolments plugin allows users to be enrolled manually via a link in the course administration settings, by a user with appropriate permissions such as a teacher. The plugin should normally be enabled, since certain other enrolment plugins, such as self enrolment, require it.

Enrolment expiration action	Keep user enrolled ⬍	Default: Keep user enrolled
enrol_manual | expiredaction		

Select action to carry out when user enrolment expires. Please note that some user data and settings are purged from course during course unenrolment.

Hour to send enrolment expiry notifications	6 ⬍	Default: 6
enrol_manual | expirynotifyhour		

Enrolment instance defaults

Default enrolment settings in new courses.

Add instance to new courses	☑	Default: Yes
enrol_manual | defaultenrol		

It is possible to add this plugin to all new courses by default.

Enable manual enrolments	Yes ⬍	Default: Yes
enrol_manual | status		

Allow course access of internally enrolled users. This should be kept enabled in most cases.

Default role	Student ⬍	Default: Student
enrol_manual | roleid		

Default enrolment start	Today ⬍	Default: Now
enrol_manual | enrolstart		

Default enrolment duration	0	days ⬍	Default: None
enrol_manual | enrolperiod			

Default length of time that the enrolment is valid. If set to zero, the enrolment duration will be unlimited by default.

Notify before enrolment expires	No ⬍	Default: No
enrol_manual | expirynotify		

This setting determines whether enrolment expiry notification messages are sent.

Notification threshold	1	days ⬍	Default: 1 days
enrol_manual | expirythreshold			

How long before enrolment expiry should users be notified?

Manual enrolments

Enable manual enrolments ⑦	Yes ⇕	
Default role	Student ⇕	
Default enrolment duration ⑦	12	weeks ⇕ ☑ Enable
	No	
	✓ Enroller only	
Notify before enrolment expires ⑦	Enroller and enrolled user	
Notification threshold ⑦	7	days ⇕

Save changes   Cancel

Manual enrolments from Sunday, 25 May 2014, 12:00 AM ⚙ ✕ ➡

Status	✓ Active	
	Suspended	
Enrolment starts	25 ⇕ May ⇕ 2014 ⇕ 00 ⇕ 00 ⇕ 🗓 ☑ Enable	
Enrolment ends	25 ⇕ May ⇕ 2014 ⇕ 08 ⇕ 40 ⇕ 🗓 ☐ Enable	
Enrolment created	Sunday, 25 May 2014, 8:44 AM	

Self enrolment

The self enrolment plugin allows users to choose which courses they want to participate in. The courses may be protected by an enrolment key. Internally the enrolment is done via the manual enrolment plugin which has to be enabled in the same course.

Require enrolment key enrol_self | requirepassword	☐ Default: No	Require enrolment key in new courses and prevent removing of enrolment key from existing courses.
Use password policy enrol_self | usepasswordpolicy	☐ Default: No	Use standard password policy for enrolment keys.
Show hint enrol_self | showhint	☐ Default: No	Show first letter of the guest access key.
Enrolment expiration action enrol_self | expiredaction	Keep user enrolled ⇕ Default: Keep user enrolled	Select action to carry out when user enrolment expires. Please note that some user data and settings are purged from course during course unenrolment.
Hour to send enrolment expiry notifications enrol_self | expirynotifyhour	6 ⇕ Default: 6	

Enrolment instance defaults

Default enrolment settings in new courses.

Add instance to new courses enrol_self | defaultenrol	☑ Default: Yes	It is possible to add this plugin to all new courses by default.
Enable existing enrolments enrol_self | status	No ⇕ Default: No	

▼ Self enrolment

Custom instance name	Student self
Enable existing enrolments ⑦	Yes ⇕
Allow new enrolments ⑦	Yes ⇕
Enrolment key ⑦	•••••••••••• ☐ Unmask
Use group enrolment keys ⑦	No ⇕

Guest access

Guest access plugin is only granting temporary access to courses, it is not actually enrolling users.

| Require guest access password | ☑ Default: No |
| enrol_guest \| requirepassword | Require access password in new courses and prevent removing of access password from existing courses. |

| Use password policy | ☐ Default: No |
| enrol_guest \| usepasswordpolicy | Use standard password policy for guest access passwords. |

| Show hint | ☐ Default: No |
| enrol_guest \| showhint | Show first letter of the guest access password. |

Enrolment instance defaults

Default enrolment settings in new courses.

| Add instance to new courses | ☑ Default: Yes |
| enrol_guest \| defaultenrol | It is possible to add this plugin to all new courses by default. |

| Allow guest access | No ⇅ Default: No ☐ Advanced |
| enrol_guest \| status | Allow temporary guest access by default. |

Cohort sync

Cohort enrolment plugin synchronises cohort members with course participants.

| Default role | Student ⇅ Default: Student |
| enrol_cohort \| roleid | |

External unenrol action	✓ Unenrol user from course
enrol_cohort | unenrolaction	Disable course enrolment and remove roles
	Default: Unenrol user from course
	Select action to carry out when user enrolment disappears from external enrolment source. Please note that some user data and settings are purged from course during course unenrolment.

Enrol users

Assign roles	Student ⬍	
○ Browse users ● Browse cohorts		
▶ Enrolment options		

Found 3 cohorts

1	7a	Enrol 19 users
2	7b	Enrol 4 users
3	7c	Enrol 3 users

▾ Cohort sync

Custom instance name	7c
Active	Yes ⬍
Cohort*	7c ⬍
Assign role	Student ⬍
Add to group	None ⬍

[Add method] [Add method and create another] [Cancel]

LDAP server settings

Host URL
enrol_ldap | host_url

ldaps://ldap.synergy-learning.com   Default: Empty

Specify LDAP host in URL-form like 'ldap://ldap.myorg.com/' or 'ldaps://ldap.myorg.com/'

Use TLS
enrol_ldap | start_tls

Yes ⬍   Default: No

Use regular LDAP service (port 389) with TLS encryption

Version
enrol_ldap | ldap_version

3 ⬍   Default: 3

The version of the LDAP protocol your server is using

LDAP encoding
enrol_ldap | ldapencoding

utf-8   Default: utf-8

External database connection

Database driver

enrol_database | dbtype

`oci8po` ⇅   Default: Empty

ADOdb database driver name, type of the external database engine.

Database host

enrol_database | dbhost

`localhost`   Default: localhost

Type database server IP address or host name. Use a system DSN name if using ODBC.

Database user

enrol_database | dbuser

`MOODLE`   Default: Empty

Database password

enrol_database | dbpass

`••••••••••`   ☐ Unmask

File location

enrol_flatfile | location

`/packt.ab.local/tempdata/enrol.txt`   Default: Empty

Specify full path to the enrolment file. The file is automatically deleted after processing.

File encoding

enrol_flatfile | encoding

`UTF-8` ⇅   Default: UTF-8

Notify enrolled users

enrol_flatfile | mailstudents

☐ Default: No

Notify user responsible for enrolments

enrol_flatfile | mailteachers

☐ Default: No

Notify administrator

enrol_flatfile | mailadmins

☑ Default: No

External unenrol action

enrol_flatfile | unenrolaction

`Disable course enrolment and remove roles` ⇅

Default: Disable course enrolment and remove roles

Select action to carry out when user enrolment disappears from external enrolment source. Please note that some user data and settings are purged from course during course unenrolment.

Enrolment expiration action

enrol_flatfile | expiredaction

| Keep user enrolled |
| ✓ Disable course enrolment and remove roles |
| Unenrol user from course |

Default: Disable course enrolment and remove roles

Select action to carry out when user enrolment expires. Please note that some user data and settings are purged from course during course unenrolment.
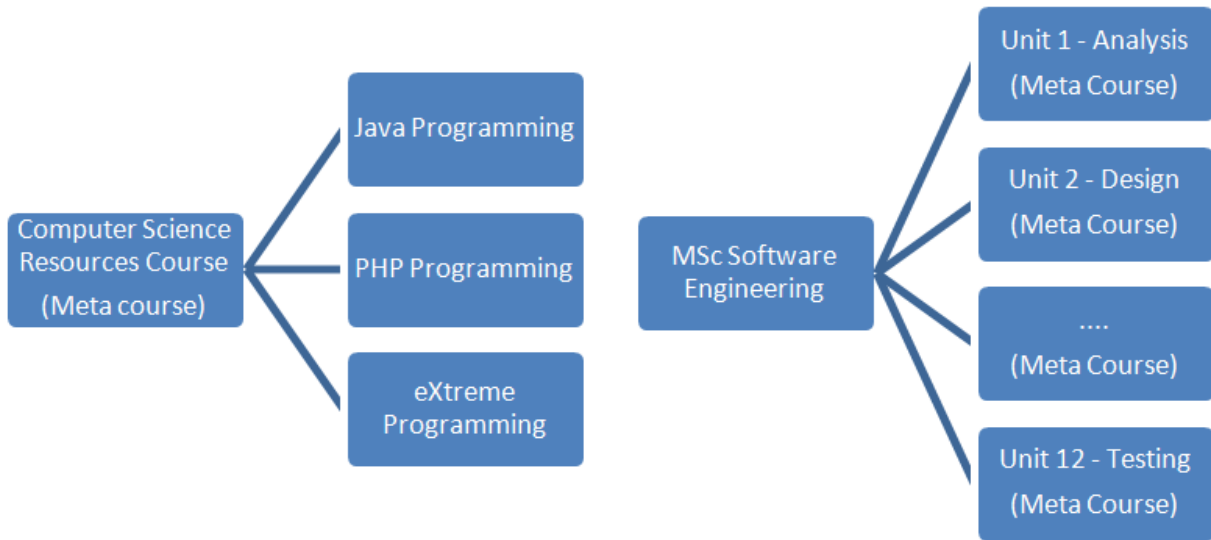
Course meta link

Course meta link enrolment plugin synchronises enrolments and roles in two different courses.

Roles that are not synchronised enrol_meta | nosyncroleids	Manager (manager) Course creator (coursecreator) Teacher (editingteacher) Non-editing teacher (teacher) Student (student) Guest (guest) Authenticated user (user) Authenticated user on frontpage (frontpage) Web Service (webservice) Registered Hub User (RegisteredHubUser)

Default: None

By default all course level role assignments are synchronised from parent to child courses. Roles that are selected here will not be included in the synchronisation process. The roles available for synchronisation will be updated in the next cron execution.

Synchronise all enrolled users
enrol_meta | syncall

☑ Default: Yes

If enabled all enrolled users are synchronised even if they have no role in parent course, if disabled only users that have at least one synchronised role are enrolled in child course.

External unenrol action
enrol_meta | unenrolaction

Disable course enrolment and remove roles ⬍   Default: Disable course enrolment and remove roles

Select action to carry out when user enrolment disappears from external enrolment source. Please note that some user data and settings are purged from course during course unenrolment.

Sort course list
enrol_meta | coursesort

✓ Sort order
Course full name
Course short name
Course ID number

Default: Sort order

the list of courses that can be linked are sorted by sort order (i.e. the order set in Site > Manage courses and categories) or alphabetically by course setting.

▼ Course meta link

Link course* ✓ Choose...
                Extreme Programming
Add to group PHP Programming
                Induction Program
                Course Handbook

[**Add method**]   [Add method and create another]   [Cancel]

PayPal

The PayPal module allows you to set up paid courses. If the cost for any course is zero, then students are not asked to pay for entry. There is a site-wide cost that you set here as a default for the whole site and then a course setting that you can set for each course individually. The course cost overrides the site cost.

PayPal business email
enrol_paypal | paypalbusiness

`youremail@paypal.com` Default: Empty

The email address of your business PayPal account

Notify students
enrol_paypal | mailstudents

☑ Default: No

Notify teachers
enrol_paypal | mailteachers

☑ Default: No

Notify admin
enrol_paypal | mailadmins

☐ Default: No

Enrolment expiration action
enrol_paypal | expiredaction

[Disable course enrolment and remove roles ⇅] Default: Disable course enrolment and remove roles

Select action to carry out when user enrolment expires. Please note that some user data and settings are purged from course during course unenrolment.

Enrolment instance defaults

Default enrolment settings in new courses.

Allow PayPal enrolments
enrol_paypal | status

[Yes ⇅] Default: No

Allow users to use PayPal to enrol into a course by default.

Enrol cost
enrol_paypal | cost

`199` Default: 0

Currency
enrol_paypal | currency

[Euro ⇅] Default: US Dollar

Default role assignment
enrol_paypal | roleid

[Student ⇅] Default: Student

Select role which should be assigned to users during PayPal enrolments

Enrolment duration
enrol_paypal | enrolperiod

`0` [days ⇅] Default: None

Default length of time that the enrolment is valid. If set to zero, the enrolment duration will be unlimited by default.

▾ PayPal

Custom instance name   Payment

Allow PayPal enrolments   Yes ▾

Enrol cost   199.00

Currency   Euro ▾

Assign role   Student ▾

Enrolment duration �   0   days ▾   ☐ Enable

Start date ⊙   10 ▾   June ▾   2014 ▾   10 ▾   20 ▾   📅 ☑ Enable

End date ⊙   25 ▾   May ▾   2014 ▾   10 ▾   20 ▾   📅 ☐ Enable

Chapter 5: User Management

▼ General

Username*	admin

Choose an authentication method ⑦   Manual accounts

Suspended account ⑦ ☐

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s)

New password ⑦ •••••••••••••   ☐ Unmask

Force password change ⑦ ☐

First name*	Alex
Surname*	Büchner
Email address*	packt@synergy-learning.com
Email display	Allow everyone to see my email address ⬍
City/town	Heidelberg
Select a country	Germany ⬍
Timezone	Server timezone (Europe/London) ⬍
Preferred theme	Default ⬍

Description ⑦   ⌨   A̲A̲▼   **B**   *I*   ☰   ☰   🔗   ⛓   🖼   🎞   📋

▼ User picture

Current picture

Delete   ☐

New picture ⑦   Maximum size for new files: Unlimited, maximum attachments: 1

⬇

▶ 📁 Files

hero-alex.png

Picture description	Hero Picture

▼ Interests

List of interests ⑦   ✕ **Moodle**   ✕ **Totara**   ✕ **Mahara**

Analytics | ▼

▼ Optional

Web page	www.synergy-learning.com
ICQ number	
Skype ID	synergy-learning
AIM ID	
Yahoo ID	
MSN ID	
ID number	
Institution	
Department	
Phone	+44 (0)28 9042 2000
Mobile phone	
Address	Holywood House, 1 Innis Cou

Other fields ⚙ ✕ ↓

Profile field	Edit
Twitter ID	⚙ ✕

Parental responsibilities ⚙ ✕ ↑

> No fields have been defined

Create a new profile field:
Checkbox
✓ Date/Time
Dropdown menu
Text area
Text input

OR [Create a new profile category]

▾ Common settings

Short name (must be unique) *   `Contact`

Name *   `Contact person`

Description of the field

[⊞] [A̲ᴬ ▾] [**B**] [*I*] [☰] [☰] [🔗] [⌘] [🖼]

Primary contact person

Is this field required?   `No ⇕`

Is this field locked?   `Yes ⇕`

Should the data be unique?   `No ⇕`

Display on signup page?   `No ⇕`

Not visible
✓ Visible to user
Visible to everyone

Who is this field visible to? ⊙

Category   `Parental responsibilities ⇕`

▼ Specific settings

Menu options (one per line)

Father
Mother
Carer

Default value

Mother

▼ Specific settings

Default value

Display size

30

Maximum length

100

Is this a password field?

No ⬍

Link ⊘

http://twitter.com/$$

Link target

None
✓ New window
Same frame
Same window

Parental responsibilities ⚙ ✕ ⬆

Profile field				Edit
Contact person	⚙	✕	⬇	
Relationship	⚙	✕	⬆ ⬇	
Parent at work?	⚙	✕	⬆ ⬇	
Comment	⚙	✕	⬆ ⬇	
Expiry date	⚙	✕	⬆ ⬇	
Twitter ID	⚙	✕	⬆	

▾ Parental responsibilities

Contact person   Alison McCormack

Relationship   Mother ⬍

Parent at work?   ☑

Comment

Hearing difficulties

Expiry date   27 ⬍   June ⬍   2014 ⬍   📅 ☐ Enable

Twitter ID

▼ New filter

User full name	contains ⇕	

Add filter

Show more...

Add a new user

First name / Surname	Email address	City/town	Country	Last access	Edit
Adam Stevenson	Adam.Stevenson@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙
Alex Büchner	packt@synergy-learning.com	Heidelberg	Germany	53 secs	⚙
Alex Newton	Alex.Newton@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙
Amanda Binnington	Amanda.Binnington@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙
Amanda hutchingson	Amanda.Hutchinson@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙
Andrew Craig	andrew.craig@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙
Andrew Elleray	andrew.elleray@yourschool.org.uk	Holywood	United Kingdom	Never	✕ ⊙ ⚙

User details

Edit profile

Email address
packt@synergy-learning.com

Country
Germany

City/town
Heidelberg

Web page
http://www.synergy-learning.com

Interests
Moodle, Totara, Mahara

Twitter ID
mcbuchner

Login activity

First access to site
Tuesday, 29 April 2014, 7:44 PM (1 year 184 days)

Last access to site
Saturday, 31 October 2015, 5:08 AM (6 secs)

Last IP address
192.168.56.1

Active filters

First name starts with "chr"

[Remove selected] [Remove all filters]

Add a new user

First name / Surname	Email address	City/town	Country	Last access	Edit
Chris Barnes	chris.barnes@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Chris Cole	Chris.m.Cole@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Chris Driver	chris.driver@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Chris Finnigan	chris.finnigan@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Christina Medford	christina.medford@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙

New filter

User full name	contains	
Surname*	contains	
First name*	contains	
Username*	starts with	07
Email address*	contains	
City/town*	contains	
Country*	is any value	Germany
Confirmed*	any value	
Suspended account*	any value	
User profile fields*	any field	contains
Course role*	any role	any category
System role*	any role	
Cohort ID*	is equal to	

First access* is after 31 October 2015 📅 ☐ Enable

is before 31 October 2015 📅 ☐ Enable

Last access* is after 31 October 2015 📅 ☐ Enable

is before 1 December 2015 📅 ☑ Enable

Never accessed* ☐

Last modified* is after 31 October 2015 📅 ☐ Enable

▼ Active filters

- ☐ Last access is before Saturday, 1 March 2014, 12:00 AM
- ☐ City/town is equal to "Holywood"
- ☐ Email address ends with "yourschool.org.uk"

Remove selected   **Remove all filters**

▼ Active filters

☐ User full name contains "chris"

Remove selected   **Remove all filters**

▼ Users in list

Users ⑦   Available   Selected

All filtered (5/155)	All selected (5/155)
Chris Barnes	Chris Barnes
Chris Cole	Chris Cole
Chris Driver	Chris Driver
Chris Finnigan	Chris Finnigan
Christina Medford	Christina Medford

Add to selection   **Remove from selection**

Add all   **Remove all**

With selected users...

Choose...
✓ Confirm
Send a message
Delete
Display on page
Download
Force password change
Add to cohort

Go

ⓘ Moodle

MS Excel Spreadsheet → **Comma Separated Value (CSV) File** → **Moodle Users** → **Course(s) Cohorts**

File *

[Choose a file...]

Users.csv

CSV delimiter   [, ⬍]

Encoding   [UTF-8 ⬍]

Preview rows   [10 ⬍]

[**Upload users**]

CSV line	username	course1	role1	course2	Status
2	galmond	Advanced	editingteacher	Staff	
3	earmstrong	Advanced	examiner	Staff	
4	jarnold	Basic	3	Staff	

▼ Collapse all

▼ Settings

Upload type	Add new only, skip existing users ⇕
New user password	Create password if needed ⇕
Existing user details	No changes ⇕
Existing user password	No changes ⇕
Allow renames	No ⇕
Allow deletes	No ⇕
Allow suspending and activating of accounts	Yes ⇕
Standardise usernames	Yes ⇕
Select for bulk user actions	No ⇕

Username template*

Required. You may use template syntax here (%l = lastname, %f = firstname, %u = username). See help for details and examples.

Email display

Allow only other course members to see my email address ⇕

Status	CSV line	ID	Username	First name	Surname	Email address	Password	Authentication	Enrolments	Suspended account	Delete
User not added - already registered	2	158	galmond	Graham	Almond	graham.almond@yourschool.org.uk		manual			
User not added - error	3		sworthington	Steve	Worthington	Invalid email address	xxx	manual		No	
New user	4	312	jwatts	John	Watts	John.Watts@yourschool.org.uk	1234567 Invalid password policy	manual		No	
New user	5	313	dwilliams	David	Williams	David.Williams@yourschool.org.uk	Abcd$ef12	manual		No	
User not added - already registered	6	298	pkennedy	Peter	Kennedy	Peter.Kennedy@yourschool.org.uk	Abcd$ef12	manual			
New user	7	314	pwilliams	Paul	Williams	paul.williams@yourschool.org.uk	Abcd$ef12	manual		No	
New user	8	315	nwilson	Nigel	Wilson	Nigel.Wilson@yourschool.org.uk	Abcd$ef12	manual		No	
New user	9	316	awright	Andrew	Wright	Andrew.w.wright@yourschool.org.uk	changeme Invalid password policy	manual		No	

Users created: 5
Users skipped: 2
Users having a weak password: 2
Errors: 1

▾ Upload

File *

[Choose a file...]

pictures.zip

| username |
| idnumber |
| ✓ id |

User attribute to use to match pictures:

Overwrite existing user pictures?   [No   ⬍]

[**Upload user pictures**]

Password expiry settings

Enable password expiry	Yes ⇅	Allow passwords to expire after a specified time.
Password duration	30 days ⇅	Length of time for which a password is valid.
Notification threshold	Never ⇅	Number of days before password expiry that a notification is issued.

Lock user fields

First name	Locked ⇅	You can lock user data fields. This is useful for sites where the user data is maintained by the administrators manually by editing user records or uploading using the 'Upload users' facility. If you are locking fields that are required by Moodle, make sure that you provide that data when creating user accounts or the accounts will be unusable.
Surname	Locked ⇅	
Email address	Unlocked if empty ⇅	Consider setting the lock mode to 'Unlocked if empty' to avoid this problem.
City/town	Unlocked ⇅	
Country	Unlocked ⇅	

System: available cohorts (4)

System cohorts	All cohorts	Add new cohort	Upload cohorts

Search cohort

[   ] [Search]

Name	Cohort ID	Description	Cohort size	Source	Edit
7a	7a	All students from class 7a	19	Created manually	👁 ✕ ⚙ 👥
7b	7b	All students from class 7a	11	Created manually	👁 ✕ ⚙ 👥
7c	7c	All students from class 7c	10	Created manually	👁 ✕ ⚙ 👥
Temp	temp	Used as a placeholder	0	Created manually	👁 ✕ ⚙ 👥

Add new cohort

Name* | Teachers

Context | System

Cohort ID | Teachers

Visible ⑦ | ☑

Description

All teachers and instructors in the institution.
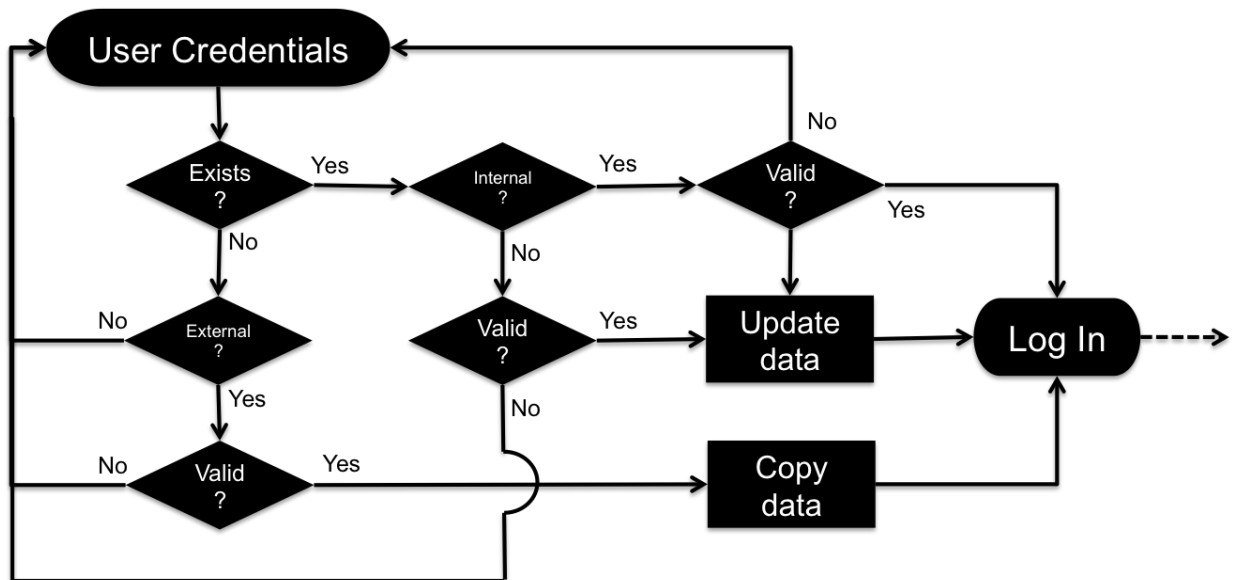
Name	Users	Enable	Up/Down	Settings	Test settings	Uninstall
Manual accounts	155			Settings		
No login	1			Settings		
LDAP server	3	👁	⬇	Settings		
Email-based self-registration	2	👁	⬆ ⬇	Settings		
MNet authentication	0	👁	⬆	Settings		
CAS server (SSO)	0	👁		Settings		Uninstall
External database	0	👁		Settings	Test settings	Uninstall
FirstClass server	0	👁		Settings		Uninstall
IMAP server	0	👁		Settings		Uninstall
NNTP server	0	👁		Settings		Uninstall
No authentication	0	👁		Settings		Uninstall
PAM (Pluggable Authentication Modules)	0	👁		Settings		Uninstall
POP3 server	0	👁		Settings		Uninstall
RADIUS server	0	👁		Settings		Uninstall
Shibboleth	0	👁		Settings		Uninstall
Web services authentication	0	👁		Settings		

Common settings

Self registration
registerauth

| ✓ Disable |
| Email-based self-registration |

~~efault: Disable~~

If an authentication plugin, such as email-based self-registration, is selected, then it enables potential users to register themselves and create accounts. This results in the possibility of spammers creating accounts in order to use forum posts, blog entries etc. for spam. To avoid this risk, self-registration should be disabled or limited by *Allowed email domains* setting.

Allow log in via email
authloginviaemail

☐ Default: No

Allow users to use both username and email address (if unique) for site login.

Allow accounts with same email
allowaccountssameemail

☐ Default: No

If enabled, more than one user account can share the same email address. This may result in security or privacy issues, for example with the password change confirmation email.

Prevent account creation when authenticating
authpreventaccountcreation

☐ Default: No

When a user authenticates, an account on the site is automatically created if it doesn't yet exist. If an external database, such as LDAP, is used for authentication, but you wish to restrict access to the site to users with an existing account only, then this option should be enabled. New accounts will need to be created manually or via the upload users feature. Note that this setting doesn't apply to MNet authentication.

Autofocus login page form
loginpageautofocus

☑ Default: No

Enabling this option improves usability of the login page, but automatically focusing fields may be considered an accessibility issue.

Guest login button
guestloginbutton

[Show ⇕] Default: Show

You can hide or show the guest login button on the login page.

Limit concurrent logins
limitconcurrentlogins

[No ⇕] Default: No

If enabled the number of concurrent browser logins for each user is restricted. The oldest session is terminated after reaching the limit, please note that users may lose all unsaved work. This setting is not compatible with single sign-on (SSO) authentication plugins.

Alternate login URL
alternateloginurl

[   ] Default: Empty

If you enter a URL here, it will be used as the login page for this site. The page should contain a form which has the action property set to **'http://packt.ab.local/login/index.php'** and return fields **username** and **password**.
Be careful not to enter an incorrect URL as you may lock yourself out of this site.
Leave this setting blank to use the default login page.

Forgotten password URL
forgottenpasswordurl

[   ] Default: Empty

If you enter a URL here, it will be used as the lost password recovery page for this site. This is intended for sites where passwords are handled entirely outside of Moodle. Leave this blank to use the default password recovery.

Instructions
auth_instructions

| ⊞ | A_A ▾ | B | I | ☰ | ☰ | 🔗 | ✂ | 🖼 |

Choose your username and password

Username*   a.bittner

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s)

Password*   ••••••••••••••••   ☐ Unmask

More details

Email address*   a.bittner@yourschool.org.uk

Email (again)*   a.bittner@yourschool.org.uk

First name*   Aileen

Surname*   Bittner

City/town   Heidelberg

Country   Germany

reCAPTCHA ⓘ

        2 2 1
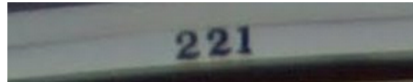
Enter the words above   221

Get another CAPTCHA
Get an audio CAPTCHA

Site policy agreement

Link to site policy agreement

I understand and agree*   ☑

[Create my new account]   [Cancel]

Data mapping

First name	givenName
Update local	On creation
Update external	Never
Lock value	Locked

These fields are optional. You can choose to pre-fill some Moodle user fields with information from the **LDAP fields** that you specify here.

If you leave these fields blank, then nothing will be transferred from LDAP and Moodle defaults will be used instead.

Surname	sn
Update local	On every login
Update external	Never
Lock value	Locked

In either case, the user will be able to edit all of these fields after they log in.

Update local: If enabled, the field will be updated (from external auth) every time the user logs in or there is a user synchronization. Fields set to update locally should be locked.

Email address	email
Update local	On creation
Update external	Never
Lock value	Unlocked if empty

Lock value: If enabled, will prevent Moodle users and admins from editing the field directly. Use this option if you are maintaining this data in the external auth system.

City/town	
Update local	On creation
Update external	Never
Lock value	Unlocked

Update external: If enabled, the external auth will be updated when the user record is updated. Fields should be unlocked to allow edits.

Note: Updating external LDAP data requires that you set binddn and bindpw to a bind-user with editing privileges to all the user records. It currently does not preserve multi-valued attributes, and will remove extra values on update.

Host	localhost	The computer hosting the database server. Use a system DSN entry if using ODBC.
Database	mysql	The database type (See the ADOdb documentation for details)
Use sybase quotes	No	Sybase style single quote escaping - needed for Oracle, MS SQL and some other databases. Do not use for MySQL!
DB name	MIS	Name of the database itself. Leave empty if using an ODBC DSN.
DB user	moodle	Username with read access to the database
Password	......	Password matching the above username
	☐ Unmask	
Table	USERS	Name of the table in the database
Username field	ID	Name of the field containing usernames
Password field	PASSWORD	Name of the field containing passwords

Chapter 6: Managing Permissions – Roles and Capabilities
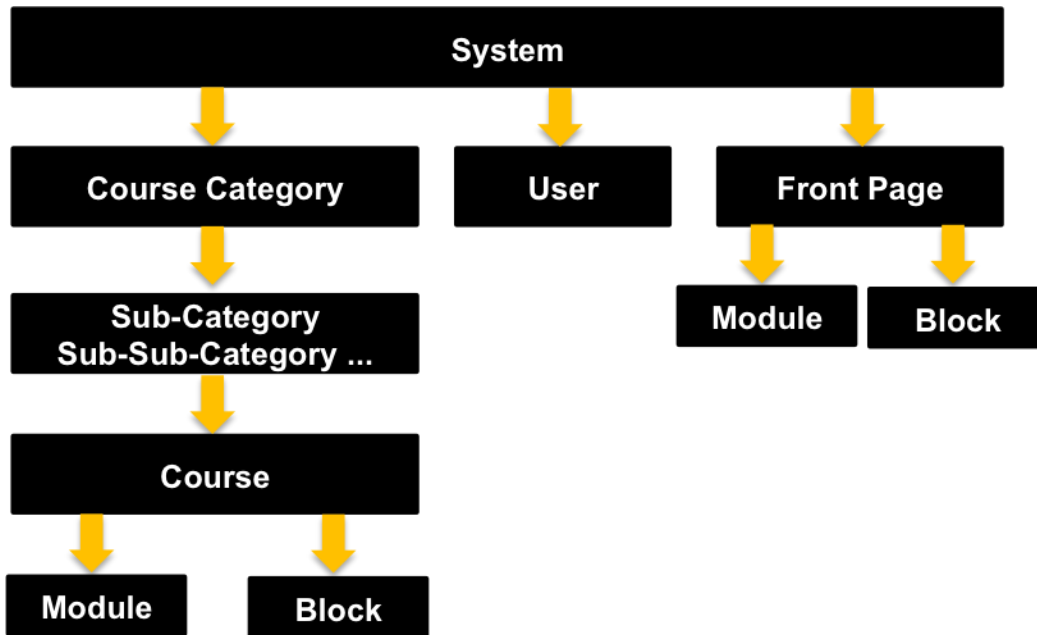
Front page roles ⊚

Please choose a role to assign

Role	Description	Users with role	
Manager		0	
Teacher		2	Matthew Bates Mary Fawcett
Non-editing teacher		0	
Student		18	More than 10

Back to Front page

Assign role 'Student' in Front page ⓘ

Existing users

Users in this Course (18)
Suzanne Cook (suzanne.cook@yourschool.org.uk)
Simon Dower (simon.dower@yourschool.org.uk)
Sharon Fennell (sharon.fennell@yourschool.org.uk)
Simon Hamblin (Simon.Hamblin@yourschool.org.uk)
Simon Hancock (Simon.Hancock@yourschool.org.uk)
Sue Knight (sue.knight@yourschool.org.uk)
Sandra Pickard (sandra.pickard@yourschool.org.uk)
Sarah Priestly (sarah.priestley@yourschool.org.uk)
Steven Rankin (Steven.Rankin@yourschool.org.uk)
Steve Rimmer (Steve.Rimmer@yourschool.org.uk)
Barrie Saxby (Barrie.Saxby@yourschool.org.uk)
Participant Seven (participant07@myschool.edu)
Andrew Simpson (andrew.simpson@yourschool.org.uk)
Participant Six (participant06@myschool.edu)
Simon Smith (simon.smith@yourschool.org.uk)
Sue Smith (sue.smith@yourschool.org.uk)
Adam Stevenson (Adam.Stevenson@yourschool.org.uk)
Luke Stowell (luke.stowell@yourschool.org.uk)

◀ Add

Remove ▶

Potential users

Potential users matching 'a' (16)
Graham Almond (graham.almond@yourschool.org.uk)
Eleanor Armstrong (Eleanor.Armstrong@yourschool.org.uk)
Joanne Arnold (joanne.arnold@yourschool.org.uk)
Philip Arthurs (philip.arthurs@yourschool.org.uk)
Lorraine Atkins (lorraine.atkins@yourschool.org.uk)
Anthony Bennett (antony.bennett@yourschool.org.uk)
Amanda Binnington (Amanda.Binnington@yourschool.org.uk)
Alex Büchner (packt@synergy-learning.com)
Andrew Craig (andrew.craig@yourschool.org.uk)
Andrew Elleray (andrew.elleray@yourschool.org.uk)
Andrew Greenhouse (Andrew.Greenhouse@yourschool.org.uk)
Andy Hodnett (Andy.Hodnett@yourschool.org.uk)
Amanda hutchingson (Amanda.Hutchinson@yourschool.org.uk)
Andy Lowes (Andy.Lowles@yourschool.org.uk)
Alex Newton (Alex.Newton@yourschool.org.uk)
Andrew Wright (Andrew.w.wright@yourschool.org.uk)

Search

[   ] [Clear]

Search

[a] [Clear]

Search options ▾
☐ Keep selected users, even if they no longer match the search
☑ If only one user matches the search, select them automatically
☐ Match the search text anywhere in the displayed fields

Assign another role

[Student (18) ⬍]

Back to the list of all roles

Assign roles in System ⓘ

WARNING! Any roles you assign from this page will apply to the assigned users throughout the entire system, including the front page and all the courses.

Please choose a role to assign

Role	Description	Users with role	
Manager		1	Sue Smith
Course creator		0	

Manual enrolments

Enrolled users

Enrolled users (18)
Graham Almond (graham.almond@yourschool.org.uk)
Eleanor Armstrong (Eleanor.Armstrong@yourschool.org.uk)
Joanne Arnold (joanne.arnold@yourschool.org.uk)
Philip Arthurs (philip.arthurs@yourschool.org.uk)
Lorraine Atkins (lorraine.atkins@yourschool.org.uk)
Anthony Bennett (antony.bennett@yourschool.org.uk)
Amanda Binnington (Amanda.Binnington@yourschool.org.uk)
Alex Büchner (packt@synergy-learning.com)
Andrew Craig (andrew.craig@yourschool.org.uk)
Andrew Elleray (andrew.elleray@yourschool.org.uk)
Andrew Greenhouse (Andrew.Greenhouse@yourschool.org.u
Andy Hodnett (Andy.Hodnett@yourschool.org.uk)
Amanda hutchingson (Amanda.Hutchinson@yourschool.org.u
Andy Lowes (Andy.Lowles@yourschool.org.uk)
Alex Newton (Alex.Newton@yourschool.org.uk)
Andrew Simpson (andrew.simpson@yourschool.org.uk)
Adam Stevenson (Adam.Stevenson@yourschool.org.uk)
Andrew Wright (Andrew.w.wright@yourschool.org.uk)

◀ Add

Assign role
Student

Enrolment duration
Unlimited

Starting from
Today (30/06/14)

Remove ▶

Not enrolled users

Matching not enrolled users (17)
Simon Conlam (Simon.Coniam@yourschool.org.uk)
Suzanne Cook (suzanne.cook@yourschool.org.uk)
Simon Dower (simon.dower@yourschool.org.uk)
Sharon Fennell (sharon.fennell@yourschool.org.uk)
Simon Hamblin (Simon.Hamblin@yourschool.org.uk)
Simon Hancock (Simon.Hancock@yourschool.org.
Sue Knight (sue.knight@yourschool.org.uk)
Sandra Pickard (sandra.pickard@yourschool.org.uk
Sarah Priestly (sarah.priestley@yourschool.org.uk)
Steven Rankin (Steven.Rankin@yourschool.org.uk)
Steve Rimmer (Steve.Rimmer@yourschool.org.uk)
Barrie Saxby (Barrie.Saxby@yourschool.org.uk)
Participant Seven (participant07@myschool.edu)
Participant Six (participant06@myschool.edu)
Simon Smith (simon.smith@yourschool.org.uk)
Sue Smith (sue.smith@yourschool.org.uk)
Luke Stowell (luke.stowell@yourschool.org.uk)

The following users are not enrolled in this course but do have roles, inherited or assigned within it.

First name / Surname ▲ / Email address	Last access	Roles
Michelle Ball michelle.ball@yourschool.o		Manager (Assigned in this course) ✕
Chris Barnes chris.barnes@yourschool.o		Manager (Assigned in this course) ✕
Rachel Barnes Rachel.Barnes@yourschoo		Manager (Assigned in this course) ✕
John Preston john.preston@yourschool.o		Manager (Inherited from course category)
Sue Smith sue.smith@yourschool.org.		Manager (Assigned at site level)

Assign roles

Search ✕

139 users found

1 Hannah Banfield
Hannah.Banfield@yourschool.org.uk
Assign role: Manager

2 Gareth Banton
gareth.banton@yourschool.org.uk
Assign role: Manager

3 Matthew Bates
Matthew.Bates@yourschool.org.uk
Assign role: Manager

4 James Belok
james.belok@yourschool.org.uk
Assign role: Manager

5 Mike Boddington
mike.boddington@yourschool.org.uk

Search

ADMINISTRATION

Forum administration
  Edit settings
  Locally assigned roles
  Permissions
  Check permissions
  Filters
  Logs
  Backup
  Restore
  Subscription mode
  Show/edit current subscribers

Assign roles in Forum: News forum ⊙

Please choose a role to assign

Role	Description	Users with role
Teacher		0
Non-editing teacher		0
Student		0

Back to Forum: News forum

CALENDAR

◄

Sun	Mo
1	2
8	9
15	16
22	23
29	30

- ⚙ Configure Calendar block
- 👁 Hide Calendar block
- 👤 Assign roles in Calendar block
- ✕ Delete Calendar block

CALENDAR

◄ N

Sun	Mon
1	2
8	9
15	16
22	23
29	30

- ⚙ Configure Calendar block
- 👁 Hide Calendar block
- 🔑 Permissions
- ✕ Delete Calendar block

Preferences

User account

- Edit profile
- Preferred language
- Forum preferences
- Editor preferences
- Messaging

Roles

- This user's role assignments
- Assign roles relative to this user
- Permissions
- Check permissions

| Manage roles | Allow role assignments | Allow role overrides | Allow role switches |

Role ?	Description	Short name	Edit
Manager	Managers can access course and modify them, they usually do not participate in courses.	manager	↓ ⚙ ✕
Course creator	Course creators can create new courses.	coursecreator	↑ ↓ ⚙ ✕
Teacher	Teachers can do anything within a course, including changing the activities and grading students.	editingteacher	↑ ↓ ⚙ ✕
Non-editing teacher	Non-editing teachers can teach in courses and grade students, but may not alter activities.	teacher	↑ ↓ ⚙ ✕
Student	Students generally have fewer privileges within a course.	student	↑ ↓ ⚙ ✕
Guest	Guests have minimal privileges and usually can not enter text anywhere.	guest	↑ ↓ ⚙
Authenticated user	All logged in users.	user	↑ ↓ ⚙
Authenticated user on frontpage	All logged in users in the frontpage course.	frontpage	↑ ↓ ⚙ ✕

Short name ?	editingteacher
Custom full name ?	Teacher
Custom description ?	Teachers can do anything within a course, including changing the activities and grading students.
Role archetype ?	ARCHETYPE: Teacher (editing)
Context types where this role may be assigned	☐ System ☐ User ☐ Category ☑ Course ☑ Activity module ☐ Block
Allow role assignments	Non-editing teacher, Student
Allow role overrides	Non-editing teacher, Student, Guest
Allow role switches	Non-editing teacher, Student, Guest
Role risks	⚠ ⚠ ⚠ ⚠

Filter role | Clear

Capability	Permission	? Risks
Course		
Assign roles to users moodle/role:assign	Allow	⚠🔺⚠
Review permissions for others moodle/role:review	Allow	🔺
Override safe permissions for others moodle/role:safeoverride	Allow	⚠
Switch to other roles moodle/role:switchroles	Allow	⚠🔺

Viewing the definition of role 'Course creator' ⃝?

Edit | Reset | Export | List all roles

Filter template | Clear

Capability	Permission				?	Risks
System						
Manage advanced grading form templates moodle/grade:managesharedforms	⦿ Not set	○ Allow	○ Prevent	○ Prohibit		⚠
Share advanced grading form as a template moodle/grade:sharegradingforms	⦿ Not set	○ Allow	○ Prevent	○ Prohibit		⚠
Configure system templates for Dashboard pages moodle/my:configsyspages	⦿ Not set	○ Allow	○ Prevent	○ Prohibit		
Activity: Database						
Manage templates mod/data:managetemplates	⦿ Not set	○ Allow	○ Prevent	○ Prohibit		⚠⚠

View user profiles

moodle/user:viewdetails

◉ Not set   ○ Allow   ○ Prevent   ○ Prohibit

Permissions in Assignment: Coursework I

Advanced role override

[Choose...   ⬍]

Filter

[   ]   [Clear]

Capability	Risks	Roles with permission	Prohibited
System			
Change site configuration	⚠️ ⚠️ ⚠️ ⚠️ ⚠️	✚	✚
moodle/site:config			
Grade report: Grader report			
View the grader report	⚠️	Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
gradereport/grader:view			
Course			
View grades of other users	⚠️	Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
moodle/grade:viewall			
Always see full names of users		Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
moodle/site:viewfullnames			
Activity: Assignment			
Edit another student's submission	⚠️ ⚠️ ⚠️	✚	✚
mod/assign:editothersubmission			
Export own submission		Student ✕ , Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
mod/assign:exportownsubmission			
Grade assignment	⚠️	Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
mod/assign:grade			
Grant extension		Non-editing teacher ✕ , Teacher ✕ , Manager ✕ ✚	✚
mod/assign:grantextension			

Override permissions for role 'Student' in Assignment: Assignment ⓘ

The highlighted cells in the table below show the permission (if any) that will be inherited. Apart from the capabilities whose permission you actually want to alter, you should leave everything set to Inherit.

Filter

| [grade|] | Clear |

Capability	Permission ⓘ				Risks
Grade report: Grader report					
View the grader report gradereport/grader:view	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	⚠
Course					
View grades of other users moodle/grade:viewall	○ Inherit (Not set)	⦿ Allow	○ Prevent	○ Prohibit	⚠
Activity: Assignment					
Grade assignment mod/assign:grade	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	⚠
Review and release grades mod/assign:managegrades	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	
Receive grader submission notifications mod/assign:receivegradernotifications	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	
Release grades mod/assign:releasegrades	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	
Review grades mod/assign:reviewgrades	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	
View grades mod/assign:viewgrades	⦿ Inherit (Not set)	○ Allow	○ Prevent	○ Prohibit	

| Save changes | Cancel |

Override another role

| Student (1) ▲▼ |

Back to the list of all roles

Adding a new role ⓘ

▼ Defaults

Use role or archetype

No role	⇕

Use role preset

Choose a file...

editingteacher.xml

Continue   Cancel

Short name ⓘ	parent		
Custom full name ⓘ	Parent		

Custom description ⓘ

▦	A<u>A</u>▾	**B**	*I*	☰	☷	🔗	⛓	🖼

Parent, mentor or guardian,

Role to be assigned in the USER context!

Role archetype ⓘ | None ⬍ |

Context types where this role may be assigned
- ☐ System
- ☑ User
- ☐ Category
- ☐ Course
- ☐ Activity module
- ☐ Block

First name / Surname	**Email address**	**City/town**	**Country**	**Last access**	**Edit**
Frank Harris	Frank.Harris@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Paul Harris	paul.harris@yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙
Roy Harris	roy.harris@ext.yourschool.org.uk	Holywood	United Kingdom	Never	✕ 👁 ⚙

PARENT ACCESS ⊟ ◁

- Frank Harris
- Paul Harris

Check permissions in User: Paul Harris

Roles for user Roy Harris

- parent in User: Paul Harris
- Authenticated user in System

Permissions for user Roy Harris

Capability	Allowed
Users	
View and manage own earned badges moodle/badges:manageownbadges	Yes
View public badges in other users' profiles moodle/badges:viewotherbadges	Yes
Edit user messaging profile moodle/user:editmessageprofile	No
Edit user profile moodle/user:editprofile	No
Manage blocks on user profile of other users moodle/user:manageblocks	No
View all user blogs moodle/user:readuserblogs	Yes
View all user forum posts moodle/user:readuserposts	Yes
View user full information moodle/user:viewalldetails	Yes
View user last ip address moodle/user:viewlastip	No
See user activity reports moodle/user:viewuseractivitiesreport	Yes
User sessions report	
Manage own browser sessions report/usersessions:manageownsessions	Yes
Course	
View grades of other users moodle/grade:viewall	No

System

	Manager	Course creator	Teacher	Non-editing teacher	Student	Guest	Authenticated user	Authenticated user on frontpage	Parent
Rate posts mod/forum:rate	Allow	Not set	Allow	Allow	Not set	Not set	Not set	Not set	Not set

Category: Computing

	Manager	Course creator	Teacher	Non-editing teacher	Student	Guest	Authenticated user	Authenticated user on frontpage	Parent
Rate posts mod/forum:rate	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit

Course: Demo course

	Manager	Course creator	Teacher	Non-editing teacher	Student	Guest	Authenticated user	Authenticated user on frontpage	Parent
Rate posts mod/forum:rate	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit	Inherit

Forum: News forum

	Manager	Course creator	Teacher	Non-editing teacher	Student	Guest	Authenticated user	Authenticated user on frontpage	Parent
Rate posts mod/forum:rate	Inherit	Inherit	Inherit	Inherit	Allow	Inherit	Inherit	Inherit	Inherit

You can allow people who have the roles on the left side to assign some of the column roles to other people

	Manager	Course creator	Teacher	Non-editing teacher	Student	Guest	Authenticated user	Authenticated user on frontpage	Parent
Manager	☑	☑	☑	☑	☑	☐	☐	☐	☐
Course creator	☐	☐	☐	☐	☐	☐	☐	☐	☑
Teacher	☐	☐	☑	☑	☑	☐	☐	☐	☑
Non-editing teacher	☐	☐	☐	☐	☐	☐	☐	☐	☐
Student	☐	☐	☐	☐	☐	☐	☐	☐	☐
Guest	☐	☐	☐	☐	☐	☐	☐	☐	☐
Authenticated user	☐	☐	☐	☐	☐	☐	☐	☐	☐
Authenticated user on frontpage	☐	☐	☐	☐	☐	☐	☐	☐	☐
Parent	☐	☐	☐	☐	☐	☐	☐	☐	☐

User policies

Role for visitors
notloggedinroleid

Guest (guest) ▼   Default: Guest (guest)

Users who are not logged in to the site will be treated as if they have this role granted to them at the site context. Guest is almost always what you want here, but you might want to create roles that are less or more restrictive. Things like creating posts still require the user to log in properly.

Role for guest
guestroleid

Guest (guest) ▼   Default: Guest (guest)

This role is automatically assigned to the guest user. It is also temporarily assigned to not enrolled users that enter the course via guest enrolment plugin.

Default role for all users
defaultuserroleid

Authenticated user (user) ▼   Default: Authenticated user (user)

All logged in users will be given the capabilities of the role you specify here, at the site level, in ADDITION to any other roles they may have been given. The default is the Authenticated user role. Note that this will not conflict with other roles they have unless you prohibit capabilities, it just ensures that all users have capabilities that are not assignable at the course level (eg post blog entries, manage own calendar, etc).

Creators' role in new courses
creatornewroleid

Teacher (editingteacher) ▼   Default: Teacher (editingteacher)

If the user does not already have the permission to manage the new course, the user is automatically enrolled using this role.

Restorers' role in courses
restorernewroleid

Teacher (editingteacher) ▼   Default: Teacher (editingteacher)

If the user does not already have the permission to manage the newly restored course, the user is automatically assigned this role and enrolled if necessary. Select "None" if you do not want restorers to be able to manage every restored course.

Default frontpage role
defaultfrontpageroleid

✓ Student (student)
   Guest (guest)
   Authenticated user on frontpage (frontpage)

Chapter 7: Moodle Look and Feel

[PACKT]
PUBLISHING

Courses

▾ Collapse all

▾ **Packt Administration**

   ♻ Totara Demo

   ♻ Moodle Administration   👥 ⓘ

▾ **Computing**

   ▾ **Computing - Year 1**

      ♻ Induction Program

      ♻ Course Handbook

   ▷ **Computing - Year 3**

   ▷ **Computing - Year 2**

Search courses: [   ] Go

CALENDAR   ⊟◁

◀   November 2015   ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

COURSE CATEGORIES   ⊟◁

♻ Packt Administration
♻ Computing

All courses ...

NAVIGATION   ⊟◁

Home
  ▸ Courses

Front page settings

Full site name fullname	Packt
Short name for site (eg single word) shortname	Moodle Administration 3

Front page summary
summary

▦ A̲A̲▾ **B** *I* ☰ ☷ 🔗 ✂ 🖼

This site is accompanying the authoring of Moodle Administration 3 by Packt Publishing (www.packtpub.com)

This summary can be displayed on the front page using the course/site summary block.

Front page
frontpage

Combo list ⇅

Course search box ⇅

> News items
> List of courses
> List of categories
> **Combo list**
> Course search box
> ✓ None

The items selected above will be displayed on the site's front page.

Front page items when logged in
frontpageloggedin

List of courses ⇅

None ⇅

Add...	
Activities	Messages
Admin bookmarks	Network servers
Blog menu	Online users
Blog tags	People
Comments	Private files
Course completion status	Random glossary entry
Course/site summary	Recent activity
HTML	Recent blog entries
Latest badges	Remote RSS feeds
Latest news	Search forums
Logged in user	Self completion
Main menu	Tags
Mentees	Upcoming events

Configuring a Navigation block

▼ Block settings

Allow the user to dock this block	Yes
Display categories as links	No
Trim mode	Trim characters from the right
How many characters to trim to	50
Generate navigation for the following	✓ Everything
	Categories and courses
	Categories, courses, and course structures
	Categories, courses, and course Activities

Where this block appears

Original block location ⑦	System
Page contexts ⑦	Display throughout the entire site ⬍
Default region ⑦	Left ⬍
Default weight ⑦	0 ⬍

On this page

Visible	Yes ⬍
Region	Left ⬍
Weight	-10 (first) ⬍

▼ Front page settings
- ✏ Turn editing off
- ⚙ Edit settings
- ▼ Users
  - 👥 Groups
  - ▼ Permissions
    - 👤₊ Assigned roles
    - 👤✓ Check permissions
- 🗑 Filters
- ▶ Reports
- ⬆ Backup
- ⬇ Restore
- ▶ Question bank

Blocks editing off

CALENDAR

◀ August 2014 ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

MY PRIVATE FILES

No files available

Manage my private files

ONLINE USERS

(last 5 minutes)

Alex Büchner

Navigation

Default home page for users

defaulthomepage

| Site |
| ✓ Dashboard |
| User preference |

Default: Dashboard

This determines the home page for logged in users

Allow guest access to Dashboard

allowguestmymoodle

☑ Default: Yes

If enabled guests can access Dashboard, otherwise guests are redirected to the site front page.

Show course full names

navshowfullcoursenames

☐ Default: No

If enabled, course full names will be used in the navigation rather than short names.

Show course categories

navshowcategories

☐ Default: Yes

Show course categories in the navigation bar and navigation blocks. This does not occur with courses the user is currently enrolled in, they will still be listed under mycourses without categories.

Show my course categories

navshowmycoursecategories

☐ Default: No

If enabled courses in the users my courses branch will be shown in categories.

Show all courses

navshowallcourses

☐ Default: No

This setting determines whether users who are enrolled in courses can see Courses (listing all courses) in the navigation, in addition to My Courses (listing courses in which they are enrolled).

Show My courses expanded on Dashboard

navexpandmycourses

☑ Default: Yes

If enabled, My courses is initially shown expanded in the navigation block on Dashboard.

Display extended course names	☐ Default: No
courselistshortnames	If enabled, course short names will be displayed in addition to full names in course lists. If required, extended course names may be customised by editing the 'courseextendednamedisplay' language string using the language customisation feature.

Courses per page	[20] Default: 20
coursesperpage	Enter the number of courses to be displayed per page in a course listing.

Courses with summaries limit	[10] Default: 10
courseswithsummarieslimit	The maximum number of courses to display in a course listing including summaries before falling back to a simpler listing.

Course summary files limit	[3] Default: 1
courseoverviewfileslimit	The maximum number of files that can be attached to a course summary.

Course summary files extensions	[.jpg,.gif,.png,.pdf] Default: .jpg,.gif,.png
courseoverviewfilesext	A comma-separated list of allowed course summary files extensions.

Select device

[Clear theme caches]

Device type	Current theme	Information
Default		**More** [Change theme]
Legacy	No theme selected	[Change theme]
Mobile	No theme selected	[Change theme]
Tablet	No theme selected	[Change theme]

Theme settings

Theme list
themelist

[   ]   Default: Empty

Leave this blank to allow any valid theme to be used. If you want to shorten the theme menu, you can specify a comma-separated list of names here (Don't use spaces!). For example: standard,orangewhite.

Theme designer mode
themedesignermode

☐ Default: No

Normally all theme images and style sheets are cached in browsers and on the server for a very long time, for performance. If you are designing themes or developing code then you probably want to turn this mode on so that you are not served cached versions. Warning: this will make your site slower for all users! Alternatively, you can also reset the theme caches manually from the Theme selection page.

Allow user themes
allowuserthemes

☑ Default: No

If you enable this, then users will be allowed to set their own themes. User themes override site themes (but not course themes)

Allow course themes
allowcoursethemes

☑ Default: No

If you enable this, then courses will be allowed to set their own themes. Course themes override all other theme choices (site, user, or session themes)

Allow category themes
allowcategorythemes

☑ Default: No

If you enable this, then themes can be set at the category level. This will affect all child categories and courses unless they have specifically set their own theme. WARNING: Enabling category themes may affect performance.

```
Packt Publishing|http://www.packtpub.com
Synergy Learning
-Moodle
--Hosting|http://www.synergy-learning.com/moodle/moodle-hosting
--Support|http://www.synergy-learning.com/moodle/moodle-support
--Themes|http://www.synergy-learning.com/moodle/moodle-theme-design
-Totara
--Hosting|http://www.synergy-learning.com/totara/totara-hosting
--Support|http://www.synergy-learning.com/totara/totara-support
--Development|http://www.synergy-learning.com/totara/totara-development
--Consultancy|http://www.synergy-learning.com/totara/totara-consultancy
--Themes|http://www.synergy-learning.com/totara/totara-theme-design
-Mahara|http://www.synergy-learning.com/mahara
```

User menu items
customusermenuitems

```
grades,grades|/grade/report/mygrades.php|grades
messages,message|/message/index.php|message
preferences,moodle|/user/preferences.php|preferences
Moodle Homepage|http://moodle.org" target="_blank
```

Discussion	Started by	Replies	Last post
Week 1	Max McAlister	1	Philip Arthurs Fri, 28 Mar 2008, 07:44 PM

Week 1
by Max McAlister - Friday, 28 March 2008, 07:40 PM

What were the main points discussed during the first 2 lessons?

Edit | Delete | Reply

Re: Week 1
by Philip Arthurs - Friday, 28 March 2008, 07:44 PM

I didn't fully understand how the 1st lesson had any relation to the objectives of the module!

Show parent | Edit | Split | Delete | Reply

Background image

theme_more | backgroundimage

Maximum size for new files: Unlimited, maximum attachments: 1

Files

You can drag and drop files here to add them.
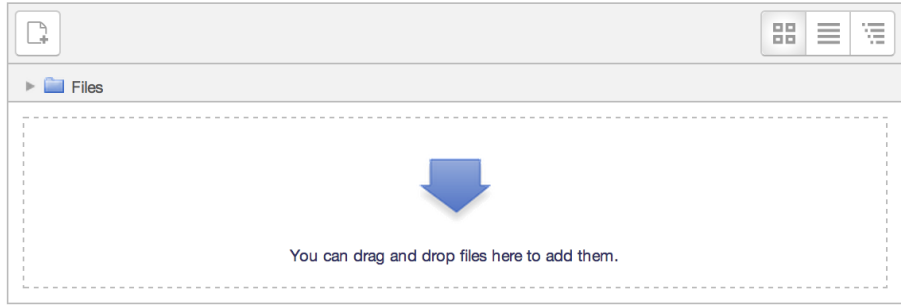
Default: Empty

The image to display as a background of the site.

Background repeat

theme_more | backgroundrepeat

Repeat

Default: Repeat

Defines the way the background image will be repeated.

Background position

theme_more | backgroundposition

Default

Default: Default

The position of the background image.

Background fixed

theme_more | backgroundfixed

☐ Default: No

Use this setting to fix the background image to the page.

Main content background colour

theme_more | contentbackground
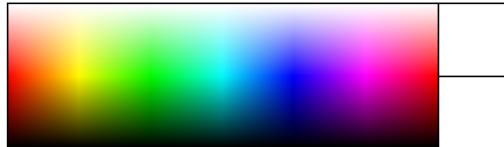
#FFFFFF   Default: #FFFFFF

The background colour of the main content of the site, leave empty for none.

Custom CSS

theme_formal_white | customcss

```
body {
    background-color: #000000;
    background-image: none;
    color=#FFFF00;
}

p {
    font-size: 16px;
}
```

Default: Empty

Packt Publishing   Synergy Learning ▾   English (en) ▾   💼 My courses ▾   🌐 My dashboard ▾

You are lo   (Log out)

👤 *Profile*
📅 *Calendar*
✉ *Messages*
❋ *Badges*
📄 *Private files*
📋 *Forum posts*
📋 *Discussions*
↪ *Log out*

SL

Mobile apps   Alex

S

Moodle

★ Moodle

Moodle

totaralms

mahara partner

🔧 NAVIGATION   ▭ ◁

🏠 Home
  ● My home
  📁 Site pages

Available courses

🔧 PHP Programming

Manage editors

Available text editors

Name	Enable	Up/Down	Settings	Uninstall
Atto HTML editor	👁	↓	Settings	Uninstall
TinyMCE HTML editor	👁	↑ ↓	Settings	Uninstall
Plain text area	👁	↑		

Please choose the editor plugins you wish to use and arrange them in recommended order.
Changes in table above are saved automatically.

Toolbar config

```
collapse = collapse
style1 = title, bold, italic
list = unorderedlist, orderedlist
links = link
files = image, media, managefiles
style2 = underline, strike, subscript, superscript
align = align
indent = indent
insert = equation, charmap, table, clear
undo = undo
accessibility = accessibilitychecker, accessibilityhelper
other = html
```

Table settings

Allow border styling

atto_table | allowborders

☑ Default: No

If enabled, table and cell borders can be customised.

Allow background colour

atto_table | allowbackgroundcolour

☑ Default: No

Allow width

atto_table | allowwidth

☑ Default: No

> This is only a simple example of a pull quote. You can also add spinning icons, fun big icons or even Bootstrap components.

PACKT COLLEGE

Packt College - Photo Gallery

Site News

Theme Update
18/03/07
At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas .

1/6

Student Services

Name: Paul Smith

logout

Packt College > Course > Test Course
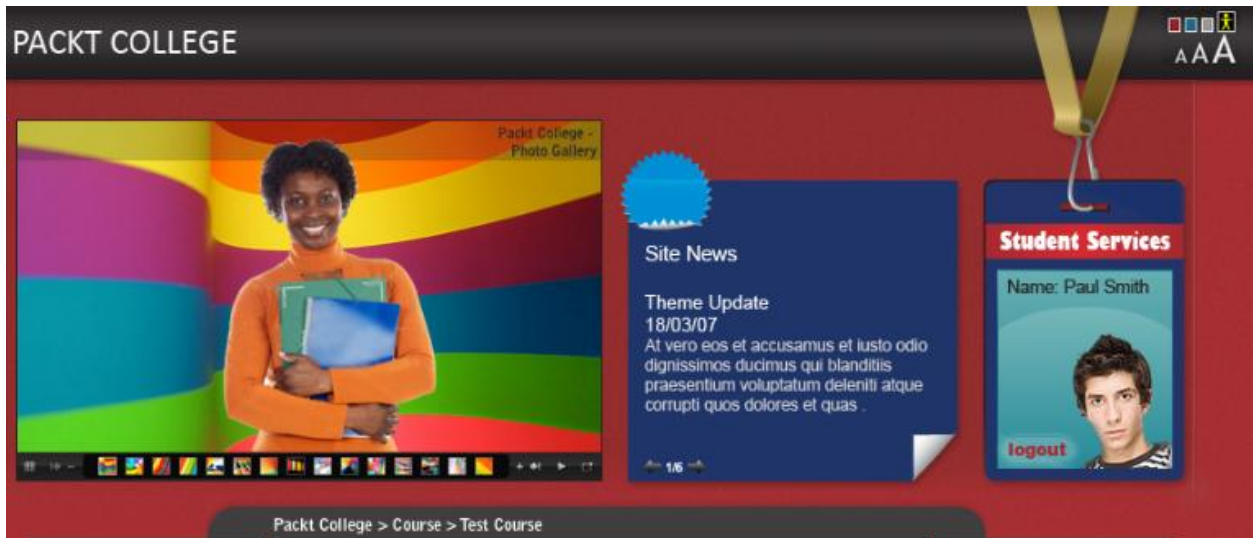
Accessibility checker   ✕

The colours of the foreground and background text do not have enough contrast. To fix this warning, change either foreground or background colour of the text so that it is easier to read.

1. TEST

Screenreader helper   ✕

Styles for current selection:
DIV, H3, CENTER, A

Links in text editor:

1. http://google.com.

Images in text editor:

1. No images

Chapter 8: Moodle Plugins

▼ Plugins
⚙ Install plugins
⚙ Plugins overview
▸ Activity modules
▸ Admin tools
▸ Authentication
▸ Availability restrictions
▸ Blocks
▸ Caching
▸ Course formats
▸ Enrolments
▸ Filters
▸ Licences
▸ Local plugins
▸ Logging
▸ Message outputs
▸ Plagiarism
▸ Portfolios
▸ Question behaviours
▸ Question types
▸ Reports
▸ Repositories
▸ Text editors
▸ Web services

Plugins overview

Check for available updates

Last check done on 1 November 2015, 10:52 AM

All plugins `361`   Additional plugins `0`

Plugin name	Version	Availability	Actions	Notes
Activity modules ⚙				
Assignment mod_assign	2015051101	Enabled	Settings	Required by: tool_assignmentupgrade
Assignment 2.2 (Disabled) mod_assignment	2015051100	Disabled	Uninstall	
Book mod_book	2015051102	Enabled	Settings Uninstall	
Chat mod_chat	2015051101	Enabled	Settings Uninstall	

Activity module	Activities	Version	Hide/Show	Settings	Uninstall
Assignment	1	2014051201	👁	Settings	
Assignment 2.2 (Disabled)	0	2014051200	👁̸		Uninstall
Book	0	2014051200	👁	Settings	Uninstall
Chat	0	2014051200	👁	Settings	Uninstall
Choice	0	2014051200	👁		Uninstall
Database	0	2014051200	👁	Settings	
Feedback	0	2014051200	👁̸	Settings	
Folder	0	2014051200	👁	Settings	Uninstall
Forum	3	2014051201		Settings	
Glossary	0	2014051200	👁	Settings	
IMS content package	0	2014051200	👁	Settings	Uninstall
Label	0	2014051200	👁	Settings	Uninstall
Lesson	0	2014051200	👁	Settings	Uninstall
External Tool	0	2014051200	👁	Settings	Uninstall
Page	0	2014051200	👁	Settings	Uninstall
Quiz	0	2014051200	👁	Settings	
File	0	2014051200	👁	Settings	Uninstall
SCORM package	0	2014051200	👁	Settings	Uninstall
Survey	0	2014051200	👁		Uninstall
URL	0	2014051200	👁	Settings	Uninstall
Wiki	0	2014051200	👁		Uninstall
Workshop	0	2014051200	👁	Settings	Uninstall

Name	Instances	Version	Hide/Show	Protect instances ⊙	Settings	Uninstall
Activities	0	2015051100	👁	🔒		Uninstall
Activity results	0	2015051100	👁	🔒		Uninstall
Admin bookmarks	1	2015051100	👁	🔒		Uninstall
Administration	1	2015051100	👁	🔒		
Blog menu	0	2015051100	👁	🔒		Uninstall
Blog tags	0	2015051100	👁	🔒		Uninstall
Calendar	3	2015051100	👁	🔒		Uninstall
Comments	2	2015051100	👁	🔒		Uninstall

Filter	Active?	Order	Apply to	Settings	Uninstall
Multimedia plugins	On ⇅	↓	Content ⇅		Uninstall
TeX notation	Off, but available ⇅	↑ ↓	Content ⇅	Settings	Uninstall
Glossary auto-linking	Off, but available ⇅	↑ ↓	Content ⇅		Uninstall
Display emoticons as images	On ⇅	↑	Content ⇅	Settings	Uninstall
Activity names auto-linking	Disabled ⇅		Content ⇅		Uninstall
Algebra notation	Disabled ⇅		Content ⇅		Uninstall
Word censorship	Disabled ⇅		Content ⇅	Settings	Uninstall
Database auto-linking	Disabled ⇅		Content ⇅		Uninstall
Email protection	Disabled ⇅		Content ⇅		Uninstall
MathJax	Disabled ⇅		Content ⇅	Settings	Uninstall
Multi-Language Content	Disabled ⇅		Content ⇅	Settings	Uninstall
HTML tidy	Disabled ⇅		Content ⇅		Uninstall
Convert URLs into links and images	Disabled ⇅		Content ⇅	Settings	Uninstall

Common filter settings

Filter uploaded files

filteruploadedfiles

| ✓ None |
| All files |
| HTML files only |

Default: None

HTML and text files with the filters before displaying them, only uploaded HTML files or none at all.

Filter match once per page

filtermatchoneperpage

☐ Default: No

Automatic linking filters will only generate a single link for the first matching text instance found on the complete page. All others are ignored.

Filter match once per text

filtermatchonepertext

☐ Default: No

Automatic linking filters will only generate a single link for the first matching text instance found in each item of text (e.g., resource, block) on the page. All others are ignored. This setting is ignored if the one per page setting is *yes*.

Name	Active?	Order	Settings
Embedded files	Enabled and visible ⇕	↓	Settings
Server files	Enabled but hidden ⇕	↑↓	Settings
Recent files	Enabled and visible ⇕	↑↓	Settings
Upload a file	Enabled and visible ⇕	↑↓	Settings
Private files	Enabled and visible ⇕	↑↓	Settings
Youtube videos	Enabled and visible ⇕	↑	Settings
Alfresco repository	Disabled ⇕		
Box	Disabled ⇕		

Name	Repository plug-ins	Settings	Delete
FTP Directory	File system	Settings	Delete

Create a repository instance

- Create "File system" instance
- Create "WebDAV repository" instance

Configuration for file system repository

Allow admins to add a file system repository instance to a course (configurable only by admins) ☑

Allow admins to add a file system repository instance for personal use (configurable only by admins) ☑

Save **Cancel**

Repositories instances of the site

Name	Repository plug-ins	Settings	Delete
FTP Directory	File system	Settings	Delete

Create a repository instance

File picker ✕

Recent files	⟳ ⬀ ⚙ (Logout when you finish using Dropbox) ⊞ ☰ ⧉
Upload a file	▸ 📁 Dropbox ▸ 📁 SL Training 2012 ▸ 📁 Totara Manual
Private files	
FTP Directory	
Shared files	
Dropbox	
Microsoft OneDrive	
Google Drive	

Totara LMS v2.4   Totara LMS v2.5   Totara Sync 1.2.pptx   Totara_2.4_-_Face to   Totara_2.5_-_Learning

Totara_2.5_-   Totara_2.5_-   Totara_Audiences.ppt   Totara_Help_Manual_-   Totara_Help_Manual_-

Totara_Help_Manual_-   Totara_Help_Manual_-   Totara_Help_Manual_-   Totara_Help_Manual_-   Totara_Help_Manual_-

Manage portfolios

Portfolio plugin

File download	Enabled and visible ⬍	Settings
Google Drive	Enabled and visible ⬍	Settings
Picasa	Enabled but hidden ⬍	Settings
Box	Disabled ⬍	
Flickr.com	Disabled ⬍	
Mahara ePortfolio	Disabled ⓘ	

Select destination

Exporting content from Forum: News forum

Select destination

✓ File download
Google Drive
Mahara ePortfolio

[Next]   [Cancel]

Manage your portfolios

Content which you have created, such as assignment submissions, forum posts and blog entries, can be exported to a portfolio or downloaded. Any portfolio that you do not wish to use may be hidden so that it is not listed as an option to export content to.

Name	Portfolio plugin	Show / hide
File download	download	👁
Google Drive	googledocs	👁̸
Mahara ePortfolio	mahara	👁

Currently queued transfers

Export area	Portfolio plugin	Export info	Transfer expiry time	
Forum	Mahara ePortfolio	Exporting content from Forum: News forum	Sunday, 13 July 2014, 5:22 PM	● ●
Forum	Not yet selected	Exporting content from Forum: News forum	Sunday, 13 July 2014, 5:10 PM	● ●

Previous successful transfers

Portfolio plugin	Export area	Transfer time
File download	Forum	Saturday, 12 July 2014, 5:23 PM
File download	Assignment	Saturday, 12 July 2014, 5:21 PM

Course formats

Name	Enable	Up/Down	Uninstall	Settings
Single activity format	👁	↓	Uninstall	Settings
Social format	👁	↑ ↓	Uninstall	
Topics format	👁	↑ ↓	Uninstall	
Weekly format	Default	↑		

Default format can be changed in Course default settings

Question type	No. questions	Version	Requires	Available?	Settings	Uninstall
Calculated	0	2015051100	Numerical	👁 ↑ ↓		
Calculated multichoice	0	2015051100	Numerical, Calculated, Multiple choice	👁 ↑ ↓		Uninstall
Calculated simple	0	2015051100	Numerical, Calculated	👁 ↑ ↓		Uninstall
Description	0	2015051100		👁 ↑ ↓		Uninstall
Drag and drop into text	1	2015091100	Select missing words	👁 ↑ ↓		
Drag and drop markers	1	2015091100	Select missing words, Drag and drop onto image	👁 ↑ ↓		
Drag and drop onto image	1	2015091100	Select missing words	👁 ↑ ↓		
Embedded answers (Cloze)	0	2015100201	Multiple choice, Numerical, Short answer	👁 ↑ ↓		Uninstall
Essay	0	2015051100		👁 ↑ ↓		Uninstall
Matching	0	2015051100		👁 ↑ ↓		
Missing type	0	2015051100		↑ ↓		
Multiple choice	0	2015051100		👁 ↑ ↓		

Plugin	Version	Hide/Show
Restriction by activity completion	2014051200	👁
Restriction by date	2014051200	👁
Restriction by grades	2014051200	👁
Restriction by group	2014051200	👁
Restriction by grouping	2014051200	👁̸
Restriction by profile	2014051200	👁

Manage licences

Other
✓ All rights reserved
Public domain
Creative Commons
Creative Commons – NoDerivs
Creative Commons – No Commercial NoDerivs
Creative Commons – No Commercial
Creative Commons – No Commercial ShareAlike
Creative Commons – ShareAlike

Default site licence
sitedefaultlicense

Available licences

Name	Enable
Other	👁
All rights reserved 🔒	
Public domain	👁
Creative Commons	👁
Creative Commons - NoDerivs	👁
Creative Commons - No Commercial NoDerivs	👁
Creative Commons - No Commercial	👁
Creative Commons - No Commercial ShareAlike	👁
Creative Commons - ShareAlike	👁

Turnitin Plagiarism Plugin Configuration

Turnitin is a commercial product and you must have a paid subscription to use this service for more information see http://docs.moodle.org/en/Turnitin_administration

Enable Turnitin ☑

You must configure this module within the turnitintooltwo module. Please click here to configure this plugin

[Save changes]   [Cancel]

Course formats: Collapsed Topics

format_topcoll

Maintained by 🟦 Gareth J Barnard

Release **3.0.0.1**
Moodle 3.0

[Install now]   [Download]

Install plugins from the Moodle plugins directory

```
Downloading format_topcoll ... OK
Validating format_topcoll ... OK
  [Warning] Declared maturity level [MATURITY_RC]  ⊘

Validation successful, installation can continue
```

[Continue]   Cancel

Install plugin from ZIP file ⊙

ZIP package * ⊙	Choose a file...
	format_topcoll_moodle30_2015103000 (1).zip
Plugin type * ⊙	Choose... ⬍
*	Make sure the plugin type root location is writable by the web server process.
Rename the root directory * ⊙	

Show less...

Install plugin from the ZIP file

Plugins requiring attention

Install available updates (1)	Plugins requiring attention ⑦	All plugins ③⑦⓪

Plugin name / Directory	Current version	New version	Requires	Source / Status
Blocks				
Configurable Reports /blocks/configurable_reports	2011040114	2011040119	• Moodle 2011120500	Additional To be installed

```
root@debian:/var/www/packt/mod# git clone https://github.com/markn86/moodle-mod_certificate.git certificate
Cloning into certificate...
remote: Reusing existing pack: 1979, done.
remote: Total 1979 (delta 0), reused 0 (delta 0)
Receiving objects: 100% (1979/1979), 3.46 MiB | 811 KiB/s, done.
Resolving deltas: 100% (1009/1009), done.
```

There is a newer version for some of your plugins available!

See plugins overview page for more details.

Check for available updates

Plugins overview

Check for available updates

Last check done on 26 December 2015, 7:00 AM

Available updates

Install available updates (1)

All plugins 366   Additional plugins 5   Available updates 4

Uninstalling Certificate

You are about to uninstall the plugin *Certificate*. This will completely delete everything in the database associated with this plugin, including its configuration, log records, user files managed by the plugin etc. There is no way back and Moodle itself does not create any recovery backup. Are you SURE you want to continue?

Continue   Cancel

Chapter 9: Moodle Configuration

▼ Plugins
  ⚙ Install plugins
  ⚙ Plugins overview
  ▸ Activity modules
  ▸ Admin tools
  ▸ Authentication
  ▸ Availability restrictions
  ▸ Blocks
  ▸ Caching
  ▸ Course formats
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  ▸ Logging
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  ▸ Plagiarism
  ▸ Portfolios
  ▸ Question behaviours
  ▸ Question types
  ▸ Reports
  ▸ Repositories
  ▸ Text editors
  ▸ Web services

Plugins overview

Check for available updates

Last check done on 1 November 2015, 10:52 AM

All plugins 361   Additional plugins 0

Plugin name	Version	Availability	Actions	Notes
Activity modules ⚙				
📄 Assignment mod_assign	2015051101	Enabled	Settings	Required by: tool_assignmentupgrade
📄 Assignment 2.2 (Disabled) mod_assignment	2015051100	Disabled	Uninstall	
📗 Book mod_book	2015051102	Enabled	Settings Uninstall	
💬 Chat mod_chat	2015051101	Enabled	Settings Uninstall	

Activity module	Activities	Version	Hide/Show	Settings	Uninstall
📄 Assignment	1	2014051201	👁	Settings	
📄 Assignment 2.2 (Disabled)	0	2014051200	👁⃠		Uninstall
📗 Book	0	2014051200	👁	Settings	Uninstall
💬 Chat	0	2014051200	👁	Settings	Uninstall
❓ Choice	0	2014051200	👁		Uninstall
🗄 Database	0	2014051200	👁	Settings	
📣 Feedback	0	2014051200	👁⃠	Settings	
📁 Folder	0	2014051200	👁	Settings	Uninstall
📋 Forum	3	2014051201		Settings	
📖 Glossary	0	2014051200	👁	Settings	
🎁 IMS content package	0	2014051200	👁	Settings	Uninstall
🏷 Label	0	2014051200	👁	Settings	Uninstall
📙 Lesson	0	2014051200	👁	Settings	Uninstall
🧩 External Tool	0	2014051200	👁	Settings	Uninstall
📄 Page	0	2014051200	👁	Settings	Uninstall
✅ Quiz	0	2014051200	👁	Settings	
📄 File	0	2014051200	👁	Settings	Uninstall
📦 SCORM package	0	2014051200	👁	Settings	Uninstall
📊 Survey	0	2014051200	👁		Uninstall
🔗 URL	0	2014051200	👁	Settings	Uninstall
🧩 Wiki	0	2014051200	👁		Uninstall
👥 Workshop	0	2014051200	👁	Settings	Uninstall

Name	Instances	Version	Hide/Show	Protect instances	Settings	Uninstall
Activities	0	2015051100	👁	🔓		Uninstall
Activity results	0	2015051100	👁	🔓		Uninstall
Admin bookmarks	1	2015051100	👁	🔓		Uninstall
Administration	1	2015051100	👁	🔒		
Blog menu	0	2015051100	👁	🔓		Uninstall
Blog tags	0	2015051100	👁	🔓		Uninstall
Calendar	3	2015051100	👁	🔓		Uninstall
Comments	2	2015051100	👁	🔓		Uninstall

Filter	Active?	Order	Apply to	Settings	Uninstall
Multimedia plugins	On ⇅	↓	Content ⇅		Uninstall
TeX notation	Off, but available ⇅	↑ ↓	Content ⇅	Settings	Uninstall
Glossary auto-linking	Off, but available ⇅	↑ ↓	Content ⇅		Uninstall
Display emoticons as images	On ⇅	↑	Content ⇅	Settings	Uninstall
Activity names auto-linking	Disabled ⇅		Content ⇅		Uninstall
Algebra notation	Disabled ⇅		Content ⇅		Uninstall
Word censorship	Disabled ⇅		Content ⇅	Settings	Uninstall
Database auto-linking	Disabled ⇅		Content ⇅		Uninstall
Email protection	Disabled ⇅		Content ⇅		Uninstall
MathJax	Disabled ⇅		Content ⇅	Settings	Uninstall
Multi-Language Content	Disabled ⇅		Content ⇅	Settings	Uninstall
HTML tidy	Disabled ⇅		Content ⇅		Uninstall
Convert URLs into links and images	Disabled ⇅		Content ⇅	Settings	Uninstall

Common filter settings

Filter uploaded files
filteruploadedfiles

√ None
All files
HTML files only

Default: None

HTML and text files with the filters before displaying them, only uploaded HTML files or none at all.

Filter match once per page
filtermatchoneperpage

☐ Default: No

Automatic linking filters will only generate a single link for the first matching text instance found on the complete page. All others are ignored.

Filter match once per text
filtermatchonepertext

☐ Default: No

Automatic linking filters will only generate a single link for the first matching text instance found in each item of text (e.g., resource, block) on the page. All others are ignored. This setting is ignored if the one per page setting is *yes*.

Name	Active?	Order	Settings
Embedded files	Enabled and visible ⇅	⬇	Settings
Server files	Enabled but hidden ⇅	⬆⬇	Settings
Recent files	Enabled and visible ⇅	⬆⬇	Settings
Upload a file	Enabled and visible ⇅	⬆⬇	Settings
Private files	Enabled and visible ⇅	⬆⬇	Settings
Youtube videos	Enabled and visible ⇅	⬆	Settings
Alfresco repository	Disabled ⇅		
Box	Disabled ⇅		

Name	Repository plug-ins	Settings	Delete
FTP Directory	File system	Settings	Delete

Create a repository instance

- Create "File system" instance
- Create "WebDAV repository" instance

Configuration for file system repository

Allow admins to add a file system repository instance to a course (configurable only by admins) ☑

Allow admins to add a file system repository instance for personal use (configurable only by admins) ☑

[Save] [Cancel]

Repositories instances of the site

Name	Repository plug-ins	Settings	Delete
FTP Directory	File system	Settings	Delete

[Create a repository instance]

File picker ✕

- Recent files
- Upload a file
- Private files
- FTP Directory
- Shared files
- Dropbox
- Microsoft OneDrive
- Google Drive

(Logout when you finish using Dropbox)

▶ 📁 Dropbox ▶ 📁 SL Training 2012 ▶ 📁 Totara Manual

Totara LMS v2.4	Totara LMS v2.5	Totara Sync 1.2.pptx	Totara_2.4_-_Face to	Totara_2.5_-_Learning
Totara_2.5_-	Totara_2.5_-	Totara_Audiences.ppt	Totara_Help_Manual_-	Totara_Help_Manual_-
Totara_Help_Manual_-	Totara_Help_Manual_-	Totara_Help_Manual_-	Totara_Help_Manual_-	Totara_Help_Manual_-

Manage portfolios

Portfolio plugin

File download	Enabled and visible ⇕	Settings
Google Drive	Enabled and visible ⇕	Settings
Picasa	Enabled but hidden ⇕	Settings
Box	Disabled ⇕	
Flickr.com	Disabled ⇕	
Mahara ePortfolio	Disabled ⓘ	

Select destination

Exporting content from Forum: News forum

Select destination

✓ File download
Google Drive
Mahara ePortfolio

Next   Cancel

Manage your portfolios

Content which you have created, such as assignment submissions, forum posts and blog entries, can be exported to a portfolio or downloaded. Any portfolio that you do not wish to use may be hidden so that it is not listed as an option to export content to.

Name	Portfolio plugin	Show / hide
File download	download	👁
Google Drive	googledocs	👁̸
Mahara ePortfolio	mahara	👁

Currently queued transfers

Export area	Portfolio plugin	Export info	Transfer expiry time	
Forum	Mahara ePortfolio	Exporting content from Forum: News forum	Sunday, 13 July 2014, 5:22 PM	● ●
Forum	Not yet selected	Exporting content from Forum: News forum	Sunday, 13 July 2014, 5:10 PM	● ●

Previous successful transfers

Portfolio plugin	Export area	Transfer time
File download	Forum	Saturday, 12 July 2014, 5:23 PM
File download	Assignment	Saturday, 12 July 2014, 5:21 PM

Course formats

Name	Enable	Up/Down	Uninstall	Settings
Single activity format	👁	⬇	Uninstall	Settings
Social format	👁	⬆ ⬇	Uninstall	
Topics format	👁	⬆ ⬇	Uninstall	
Weekly format	Default	⬆		

Default format can be changed in Course default settings

Question type	No. questions	Version	Requires	Available?	Settings	Uninstall
Calculated	0	2015051100	Numerical	👁 ⬆ ⬇		
Calculated multichoice	0	2015051100	Numerical, Calculated, Multiple choice	👁 ⬆ ⬇		Uninstall
Calculated simple	0	2015051100	Numerical, Calculated	👁 ⬆ ⬇		Uninstall
Description	0	2015051100		👁 ⬆ ⬇		Uninstall
Drag and drop into text	1	2015091100	Select missing words	👁 ⬆ ⬇		
Drag and drop markers	1	2015091100	Select missing words, Drag and drop onto image	👁 ⬆ ⬇		
Drag and drop onto image	1	2015091100	Select missing words	👁 ⬆ ⬇		
Embedded answers (Cloze)	0	2015100201	Multiple choice, Numerical, Short answer	👁 ⬆ ⬇		Uninstall
Essay	0	2015051100		👁 ⬆ ⬇		Uninstall
Matching	0	2015051100		👁 ⬆ ⬇		
Missing type	0	2015051100		⬆ ⬇		
Multiple choice	0	2015051100		👁 ⬆ ⬇		

Plugin	Version	Hide/Show
Restriction by activity completion	2014051200	👁
Restriction by date	2014051200	👁
Restriction by grades	2014051200	👁
Restriction by group	2014051200	👁
Restriction by grouping	2014051200	👁̸
Restriction by profile	2014051200	👁

Manage licences

Default site licence

sitedefaultlicense

Other
✓ All rights reserved
Public domain
Creative Commons
Creative Commons – NoDerivs
Creative Commons – No Commercial NoDerivs
Creative Commons – No Commercial
Creative Commons – No Commercial ShareAlike
Creative Commons – ShareAlike

Available licences

Name	Enable
Other	👁
All rights reserved 🔒	
Public domain	👁
Creative Commons	👁
Creative Commons - NoDerivs	👁
Creative Commons - No Commercial NoDerivs	👁
Creative Commons - No Commercial	👁
Creative Commons - No Commercial ShareAlike	👁
Creative Commons - ShareAlike	👁

　　Default Settings　　Errors

Turnitin Plagiarism Plugin Configuration

Turnitin is a commercial product and you must have a paid subscription to use this service for more information see http://docs.moodle.org/en/Turnitin_administration

Enable Turnitin ☑

You must configure this module within the turnitintooltwo module. Please click here to configure this plugin

Save changes　　Cancel

Course formats: Collapsed Topics

format_topcoll

Maintained by Gareth J Barnard

Release **3.0.0.1**
Moodle 3.0

Install now　　Download

Install plugins from the Moodle plugins directory

```
Downloading format_topcoll ... OK
Validating format_topcoll ... OK
  [Warning] Declared maturity level [MATURITY_RC]  ⊘

Validation successful, installation can continue
```

Continue　　Cancel

▾ Install plugin from ZIP file ⊘

ZIP package＊ ⊘   [Choose a file...]

format_topcoll_moodle30_2015103000 (1).zip

Plugin type＊ ⊘   [Choose...   ⬍]

＊   Make sure the plugin type root location is writable by the web server process.

Rename the root directory＊ ⊘   [   ]

Show less...

[**Install plugin from the ZIP file**]

Plugins requiring attention

[Install available updates (1)]   Plugins requiring attention ⑦   All plugins ③⑦⓪

Plugin name / Directory	Current version	New version	Requires	Source / Status
Blocks				
Configurable Reports /blocks/configurable_reports	2011040114	2011040119	• Moodle 2011120500	Additional To be installed

```
root@debian:/var/www/packt/mod# git clone https://github.com/markn86/moodle-mod_certificate.git certificate
Cloning into certificate...
remote: Reusing existing pack: 1979, done.
remote: Total 1979 (delta 0), reused 0 (delta 0)
Receiving objects: 100% (1979/1979), 3.46 MiB | 811 KiB/s, done.
Resolving deltas: 100% (1009/1009), done.
```

There is a newer version for some of your plugins available!

See plugins overview page for more details.

Check for available updates

Plugins overview

Check for available updates

Last check done on 26 December 2015, 7:00 AM

Available updates

Install available updates (1)

All plugins 366   Additional plugins 5   Available updates 4

Uninstalling Certificate

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Continue   Cancel

Blog

Enable blog associations	☑	Default: Yes
useblogassociations		Enables the association of blog entries with courses and course modules.

Blog visibility

bloglevel

> The world can read entries set to be world-accessible
> ✓ All site users can see all blog entries
> Users can only see their own blog

Default: All site users can see all blog entries

This setting allows you to restrict the level to which user blogs can be viewed on this site. Note that they specify the maximum context of the VIEWER not the poster or the types of blog posts. Blogs can also be disabled completely if you don't want them at all.

Enable external blogs	☑	Default: Yes
useexternalblogs		Enables users to specify external blog feeds. Moodle regularly checks these blog feeds and copies new entries to the local blog of that user.

External blog cron schedule	[24 hours ⇕]	Default: 24 hours
externalblogcrontime		How often Moodle checks the external blogs for new entries.

Maximum number of external blogs per user	[1]	Default: 1
maxexternalblogsperuser		The number of external blogs each user is allowed to link to their Moodle blog.

Enable comments	☑	Default: Yes
bloglusecomments		Enable comments

Show comments count	☑	Default: Yes
blogshowcommentscount		Show comments count, it will cost one more query when display comments link

---

TAGS ⊟ ⊞

Addons Mahara **Moodle** Totara

[Packt] [Add official tags]

Select ☐	Tag name	First name / Surname ☐	Count ☐	Flag ▾ ☐	Modified ☐	Official ☐	☐
☐	Addons ✎	Alex Büchner	1	⚑ (1)	1 year 100 days	✓	⚙ ✕
☐	Mahara ✎	Alex Büchner	1	⚑	1 year 100 days	✓	⚙ ✕
☐	Moodle ✎	Alex Büchner	3	⚑	1 year 100 days	▫	⚙ ✕
☐	Totara ✎	Alex Büchner	1	⚑	1 year 100 days	✓	⚙ ✕

[Delete selected]

Badges settings

Default badge issuer name badges_defaultissuername	Packt	Default: Packt

Name of the issuing agent or authority.

Default badge issuer contact details badges_defaultissuercontact	packt@synergy-learning.com	Default: ~~allexchuser~~@synergy-learning.com

An email address associated with the badge issuer.

Salt for hashing the recepient's email address badges_badgesalt	badges1398797015	Default: badges1398797015

Using a hash allows backpack services to confirm the badge earner without having to expose their email address. This setting should only use numbers and letters.

Note: For recipient verification purposes, please avoid changing this setting once you start issuing badges.

Enable connection to external backpacks
badges_allowexternalbackpack

☑ Default: Yes

Allow users to set up connections and display badges from their external backpack providers.

Note: It is recommended to leave this option disabled if the website cannot be accessed from the Internet (e.g. because of the firewall).

Enable course badges
badges_allowcoursebadges

☑ Default: Yes

Allow badges to be created and awarded in the course context.

▾ Badge details

Name*	Packt Badge
Description*	A badge to demonstrate the badge functionality in Moodle 2.x
Image* ⑦	Choose a file...
	packt_badge.png

▾ Issuer details

Name* ⑦	Packt
Contact ⑦	packt@synergy-learning.com

▾ Badge expiry

Expiry date ⑦

◉ Never

◯ Fixed date 2 August 2015 📅

◯ Relative date 0 days after the date of issue.

Packt Badge

This badge is currently not available to users. Enable access if you want users to earn this badge. ? **Enable access**

Overview   Edit details   **Criteria**   Message   Recipients (0)

Add badge criteri ✓ Choose...
                     Profile completion

This badge is awarded when...

[All ⬍] of the selected criteria are complete.

Manual issue by role ? ⚙ ✕

This badge has to be awarded by a user with the following role:

- Teacher

Completing a set of courses ? ⚙ ✕

The following course has to be completed:

- **"PHP Programming"** with minimum grade of *60*

External Tool Types ?

| **Active** | Pending | Rejected |

Add external tool configuration

Tool Name ▲	Base URL	Created On	Action
Khan Academy	https://www.edu-apps.org/tool_redirect?id=khan_academy	2/08/14	⚙ ✕
Slideshare	https://www.edu-apps.org/tools/slideshare/config.xml	2/08/14	⚙ ✕
Youtube	https://www.edu-apps.org/tool_redirect?id=youtube	2/08/14	⚙ ✕

▾ 👤 Alex Büchner   ▾ عربي (ar)   ▾ Synergy Learning   Packt Publishing   Moodle Administration 3

(Deutsch (de
(English - United States (en_us
(English (en
(Français (fr
(Polski (pl
عربي (ar)

Alex Büchner

إلغاء تخصيصات هذه الصفحة   Res...   الصفحة الرئيسية ◂ صفحتي الرئيسية

الأحداث القادمة		تقويم		التنقل
⚙▾ ✛		⚙▾ ✛		⚙▾ ✛
لا يوجد أحداث قادمة		◂ November 2015 ▸		الصفحة الرئيسية
إذهب إلى التقويم...				صفحتي الرئيسية
حدث جديد...				صفحات الموقع
				مقرراتي الدراسية

السبت	الجمعة	الخميس	الاربعاء	الثلاثاء	الاثنين	الاحد
7	6	5	4	3	2	1
14	13	12	11	10	9	8

Language import utility

Installed language packs

Available language packs

Deutsch (de)
English (en)
Français (fr)
Polski (pl)
عربي (ar)
简体中文 (zh_cn)

Башҡорт теле (ba)
Беларуская (be)
Български (bg)
বাংলা (bn)
Bosanski (bs)
Català (ca)
Català (Valencià) (ca_valencia)
سۆرانی (ckb)
Čeština (cs)
Cymraeg (cy)
Dansk (da)
Deutsch (de)
Deutsch community (de_comm)
Deutsch - Du (de_du)
Deutsch - Kids (de_kids)

Uninstall selected language pack(s)

Install selected language pack(s)

Update all installed language packs

You are logged in as Admin User (Log out)

LANGUAGE ⏷

Cymraeg (cy)

Deutsch (de)

English (en)

عربي (ar)

简体中文 (zh_cn)

Turn editing on

▼ Filter strings

Show strings of these components	**core**
	    moodle.php
	    access.php
	    admin.php
	    auth.php
	    availability.php
	    backup.php

Customised only ☐	
Help only ☐	
Modified only ☐	
Only strings containing	guest
String identifier	

Show strings

Component	String	Standard text	Local customisation
core	guest	Guest	Visitor
core	guestdescription	Guests have minimal privileges and usually can not enter text anywhere.	Visitors have minimal privileges and usually can not enter text anywhere.
core	guestskey	Allow guests who have the key	Allow visitors who have the key
core	guestsno	Do not allow guests in	Do not allow visitors in
core	guestsnotallowed	Sorry, '{$a}' does not allow guests to enter. ⊘ string contains a placeholder	Sorry, '{$a}' does not allow visitors to enter.

Calendar

Calendar type
calendartype

✓ Gregorian
Japanese

Default: Gregorian

Choose a default calendar type for the whole site. This setting can be overridden in the course settings or by users in their personal profile.

Admins see all
calendar_adminseesall

☐ Default: No

Do admins see all calendar events or just those that apply to themselves?

Time display format
calendar_site_timeformat

Default ⬍ Default: Default

You can choose to see times in either 12 or 24 hour format for the whole site. If you choose "default", then the format will be automatically chosen according to the language you use in the site. This setting can be overridden by user preferences.

Start of week
calendar_startwday

Sunday ⬍ Default: Sunday

Which day starts the week in the calendar?

Weekend days
calendar_weekend

Sunday Monday Tuesday Wednesday Thursday Friday Saturday
☑ ☐ ☐ ☐ ☐ ☐ ☑

Which days of the week are treated as "weekend" and shown with a different colour?

Location settings

Default timezone
timezone

Europe/London ⬍ Default: Europe/London

This is the default timezone for displaying dates - each user can override this setting in their profile. Cron tasks and other server settings are specified in this timezone. You should change the setting if it shows as "Invalid timezone"

Force timezone
forcetimezone

Users can choose their own timezone ⬍ Default: Users can choose their own timezone

You can allow users to individually select their timezone, or force a timezone for everyone.

Default country
country

Germany ⬍ Default: Choose...

If you set a country here, then this country will be selected by default on new user accounts. To force users to choose a country, just leave this unset.

Default city
defaultcity

Heidelberg Default: Empty

A city entered here will be the default city when creating new user accounts.

WebEx Meeting settings

API Settings

Site Name
webexactivity | sitename

packt

Default: Empty

The url part before .webex.com. If your site url was "https://example.webex.com", you would enter "example" above.

WebEx Admin username
webexactivity | apiusername

packtadmin

Default: Empty

The username for an admin account on your site. This should be an accounted dedicated for Moodle for security reasons.

WebEx Admin password
webexactivity | apipassword

••••••••••••••

☐ Unmask

The password for an admin account on your site.

Username Prefix
webexactivity | prefix

mdl_

Default: mdl_

This string will be prefixed to all usernames created by this module.

Manage message outputs

Name	Enable	Settings
Popup notification	👁	
Jabber message	Not configured	Settings
Email	👁	Settings
Mobile notifications	Not configured	Settings

Email

SMTP hosts
smtphosts

relay.synergy-learning.com   Default: Empty

Give the full name of one or more local SMTP servers that Moodle should use to send mail (eg 'mail.a.com' or 'mail.a.com;mail.b.com'). To specify a non-default port (i.e other than port 25), you can use the [server]:[port] syntax (eg 'mail.a.com:587'). For secure connections, port 465 is usually used with SSL, port 587 is usually used with TLS, specify security protocol below if required. If you leave this field blank, Moodle will use the PHP default method of sending mail.

SMTP security
smtpsecure

✓ None   Default: None
SSL
TLS   erver requires secure connection, specify the correct protocol type.

SMTP Auth Type
smtpauthtype

LOGIN   Default: LOGIN

This sets the authentication type to use on smtp server.

SMTP username
smtpuser

mail@synergy-learning.com   Default: Empty

If you have specified an SMTP server above, and the server requires authentication, then enter the username and password here.

SMTP password
smtppass

••••••••••••••••••   ☐ Unmask

If you have specified an SMTP server above, and the server requires authentication, then enter the username and password here.

Jabber message

Jabber host
jabberhost

talk.google.com   Default: Empty

The server to connect to to send jabber message notifications

Jabber server
jabberserver

Default: Empty

XMPP host ID (can be left empty if the same as Jabber host)

Jabber user name
jabberusername

███████████   Default: Empty

The user name to use when connecting to the Jabber server

Jabber password
jabberpassword

••••••••••••   ☐ Unmask

The password to use when connecting to the Jabber server

Jabber port
jabberport

5222   Default: 5222

The port to use when connecting to the Jabber server

Mobile notifications

Airnotifier URL
airnotifierurl

`https://messages.moodle.net` Default: https://messages.moodle.net

The server url to connect to to send push notifications.

Airnotifier port
airnotifierport

`443` Default: 443

The port to use when connecting to the airnotifier server.

Mobile app name
airnotifiermobileappname

`com.moodle.moodlemobile` Default: com.moodle.moodlemobile

The Mobile app unique identifier (usually something like com.moodle.moodlemobile).

Airnotifier app name
airnotifierappname

`commoodlemoodlemobile` Default: commoodlemoodlemobile

The app name identifier in Airnotifier.

Airnotifier access key
airnotifieraccesskey

`2394cb72634c0cb934785674ebd5` Default: Empty

The access key to use when connecting to the airnotifier server.

Request access key

Default message outputs

	Popup notification	Jabber message	Email	Mobile notifications	Enabled
Assignment notifications	Permitted ⬍	Disallowed ⬍	Forced ⬍	Permitted ⬍	☑
	Defaults ☑ Online ☐ Not online	Defaults ☐ Online ☐ Not online	Defaults ☑ Online ☑ Not online	Defaults ☑ Online ☑ Not online	
Warning when your quiz attempt becomes overdue	Disallowed ⬍	Disallowed ⬍	Disallowed ⬍	Disallowed ⬍	☐
	Defaults ☐ Online ☐ Not online	Defaults ☐ Online ☐ Not online	Defaults ☐ Online ☐ Not online	Defaults ☐ Online ☐ Not online	
Available update notifications	Disallowed ✓ Permitted Forced	Disallowed ⬍	Forced ⬍	Permitted ⬍	☑
	Defaults ☐ Online ☐ Not online	Defaults ☐ Online ☐ Not online	Defaults ☑ Online ☑ Not online	Defaults ☐ Online ☐ Not online	

Mailbox configuration

When messages are sent out, they fit into the format address+data@example.com. To reliably generate addresses from Moodle, please specify the address that you would normally use before the @ sign, and the domain after the @ sign separately. For example, the Mailbox name in the example would be "address", and the E-mail domain would be "example.com". You should use a dedicated e-mail account for this purpose.

Mailbox name messageinbound_mailbox	moodleadminbook	Default: Empty
Email domain messageinbound_domain	gmail.com	Default: Empty

Incoming mail server settings

Moodle is capable of connecting to appropriately configured IMAP servers. You can specify the settings used to connect to your IMAP server here.

Incoming Mail Server messageinbound_host	IMAP.gmail.com	Default: Empty

The address of the server that Moodle should check mail against. To specify a non-default port, you can use the [server]:[port], for example mail.example.com:587 format. If you leave this field blank, Moodle will use the default port for the type of mail server you specify.

Use SSL messageinbound_hostssl	Off - No encryption
	✓ SSL (Auto-detect SSL version)
	SSLv2 (Force SSL Version 2)
	SSLv2 (Force SSL Version 3)
	TLS (TLS; started via protocol-level negotiation over unencrypted channel; RECOMMENDED way of initiating secure connection)
	TLSv1 (TLS direct version 1.x connection to server)

using this

Username messageinbound_hostuser	moodleadminbook	Default: Empty

This is the username your service provider will have provided to log in to your email account with.

Password messageinbound_hostpass	••••••••	☐ Unmask

This is the password your service provider will have provided to log in to your email account with.

Name

Class name	Description	Enabled	Edit
Reply to forum posts \mod_forum\message\inbound\reply_handler	Reply to forum posts via email	Yes	⚙
Invalid recipient handler \tool_messageinbound\message\inbound\invalid_recipient_handler	If a valid message is received but the sender cannot be authenticated, the message is stored on the email server and the user is contacted using the email address in their user profile. The user is given the chance to reply to confirm the authenticity of the original message. This handler processes those replies. It is not possible to disable sender verification of this handler because the user may reply from an incorrect email address if their email client configuration is incorrect.	Yes	⚙
Email to Private files \core\message\inbound\private_files_handler	Store attachments to an e-mail in the user's private files storage space.	No	⚙

Support contact

Support name

supportname

Alex Büchner

Default: Alex Büchner

This is the name of a person or other entity offering general help via the support email or web address.

Support email

supportemail

packt@synergy-learning.com

Default: packt@synergy-learning.com

This email address will be published to users of this site as the one to email when they need general help (for example, when new users create their own accounts). If this email is left blank then no such helpful email address is supplied.

Support page

supportpage

packt.synergy-learning.com

Default: Empty

This web address will be published to users of this site as the one to go to when they need general help (for example, when new users create their own accounts). If this address is left blank then no link will be supplied.

Experimental settings

Enable Safe Exam Browser integration

enablesafebrowserintegration

☐ Default: No

This adds the choice 'Require Safe Exam Browser' to the 'Browser security' field on the quiz settings form. See http://www.safeexambrowser.org/ for more information.

Drag and drop upload of text/links

dndallowtextandlinks

☐ Default: No

Enable or disable the dragging and dropping of text and links onto a course page, alongside the dragging and dropping of files. Note that the dragging of text into Firefox or between different browsers is unreliable and may result in no data being uploaded, or corrupted text being uploaded.

Enable CSS optimiser

enablecssoptimiser

☐ Default: No

When enabled CSS will be run through an optimisation process before being cached. The optimiser processes the CSS removing duplicate rules and styles, as well as white space removable and reformatting. Please note turning this on at the same time as theme designer mode is awful for performance but will help theme designers create optimised CSS.

Chapter 10: Moodle Logging and Reporting
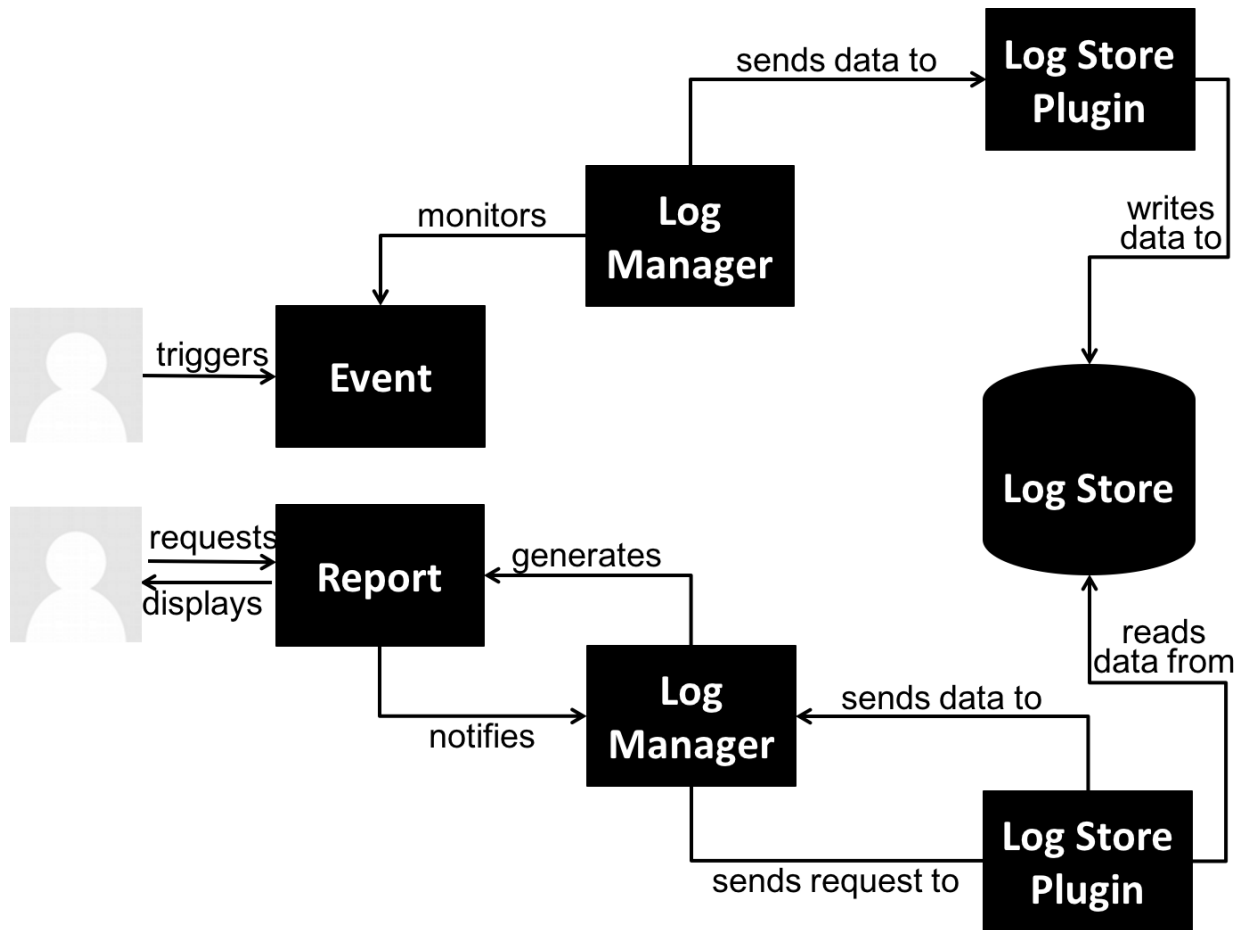
Events list

Filter

Name	[ ]
Component	All ⬍
Education level	All ⬍
Database query type	All ⬍
	Filter Clear

Event name	Component	Education level	Database query type	Affected table	Since	Legacy event
Badge awarded \core\event\badge_awarded	core	Teaching	create	badge	2.9	
Blog association created \core\event\blog_association_created	core	Participating	create	blog_association	2.7	
Comment created \core\event\blog_comment_created	core	Participating	create	comments	2.7	
Comment deleted \core\event\blog_comment_deleted	core	Participating	delete	comments	2.7	
Blog entries viewed \core\event\blog_entries_viewed	core	Participating	read		2.7	
Blog entry added \core\event\blog_entry_created	core	Participating	create	post	2.6	blog_entry_added
Blog entry deleted \core\event\blog_entry_deleted	core	Participating	delete	post	2.6	blog_entry_deleted

User added to a cohort

Explanation of the event	User added to a cohort event class.
Database query type	create
Education level	Other
Affected table	cohort
Legacy event	cohort_member_added
Parent Event	\core\event\base
Plugins observing this event	Log store manager (tool_log)
	Event monitor (tool_monitor)
	Cohort sync (enrol_cohort)

Rule name*   Course created

Area to monitor*   Core

Event*   Course created

Description

Every time a course is created an event will be triggered.

Notification threshold* ?   1

in minutes*   1

Notification message* ?

Rule name: {rulename}
Description: {description}
Event name: {eventname}

Select a course

Site ⏷

Your current subscriptions

Rule name	Description	Course	Area	Instance	Event	Notification threshold	Unsubscribe
Course created	Every time a course is created an event will be triggered.	Site	Core	All events	Course created	1 time(s) in 1 minute(s)	✕

Rules you can subscribe to

Rule name	Description	Course	Area	Event	Notification threshold	
Course created	Every time a course is created an event will be triggered.	Site	Core	Course created	1 time(s) in 1 minute(s)	+
Message sent	Every time a message is sent an event will be triggered.	Site	Core	Message sent	1 time(s) in 30 minute(s)	+

You can manage rules from the Event monitoring rules page.

External database log

Database settings

Connection details for the external log database: Test connection

Choose database driver	Improved MySQL (native/mysqli) ⏷	Default: Choose...
logstore_database	dbdriver		

Database host	127.0.0.1	Default: Empty
logstore_database	dbhost		

Database user	packt	Default: Empty
logstore_database	dbuser		

Database password	••••••••	☐ Unmask
logstore_database	dbpass		

Database name	packt_log	Default: Empty
logstore_database	dbname		

Database table	packt_log	Default: Empty
logstore_database	dbtable		

Name of the table where logs will be stored. This table should have a structure identical to the one used by logstore_standard (mdl_logstore_standard_log).

Filter logs

Enable filters that exclude some actions from being logged.

Log guest actions
logstore_database | logguests

☐ Default: No

Include actions with these educational levels
logstore_database | includelevels

☑ Teaching
☑ Participating
☑ Other
Default: Teaching, Participating, Other

Include actions of these types
logstore_database | includeactions

☑ Create
☑ Read
☑ Update
☑ Delete
Default: Create, Read, Update, Delete

Reports

Plugin	Log stores that support this report	Version	Uninstall
Activity completion	Log store not required	2015111600	Uninstall
Activity report	Legacy log, Standard log	2015111600	Uninstall
Backups report	Log store not required	2015111600	Uninstall
Config changes	Log store not required	2015111600	Uninstall
Course completion	Log store not required	2015111600	
Course overview	Log store not required	2015111600	Uninstall
Course participation	Legacy log, Standard log	2015111600	Uninstall
Events list	Log store not required	2015111600	Uninstall
Live logs	External database log, Legacy log, Standard log	2015111600	Uninstall
Logs	External database log, Legacy log, Standard log	2015111600	Uninstall
Performance overview	Log store not required	2015111600	Uninstall
Question instances	Log store not required	2015111600	Uninstall
Security overview	Log store not required	2015111600	Uninstall
Statistics	Legacy log, Standard log	2015111600	Uninstall
User sessions report	Log store not required	2015111600	Uninstall

Choose which logs you want to see:

Packt (Site) ⇕	All participants ⇕	All days ⇕

All activities ⇕	All actions ⇕	Educational level ⇕	✓ Standard log / External database log	Get these logs

Time	User full name	Affected user	Event context	Component	Event name	Description	Origin	IP address
27 Dec, 07:40	Alex Büchner	Web Service	User: Web Service	System	User updated	The user with id '2' updated the profile for the user with id '325'.	web	192.168.56.1
27 Dec, 07:31	Alex Büchner	Alex Büchner	User: Alex Büchner	System	User profile viewed	The user with id '2' viewed the profile for the user with id '2'.	web	192.168.56.1
27 Dec, 06:50	Alex Büchner	-	System	Event monitor	Subscription created	The user with id '2' created the event monitor subscription with id '3'.	web	192.168.56.1
27 Dec, 06:50	Alex Büchner	-	Front page	Event monitor	Subscription deleted	The user with id '2' deleted the event monitor subscription with id '2'.	web	192.168.56.1
27 Dec, 06:50	Alex Büchner	-	Course: Totara Demo	System	Course viewed	The user with id '2' viewed the course with id '24'.	web	192.168.56.1
27 Dec, 06:50	Alex Büchner	-	System	System	User has logged in	The user with id '2' has logged in.	web	192.168.56.1
27 Dec, 06:50	Joanne Arnold	-	System	System	User logged out	The user with id '160' has logged out.	web	192.168.56.1

geoPlugin service is currently being used to look up geographical information. For more accurate results we

Time	User full name	Affected user	Event context	Component	Event name	Description	Origin	IP address
24 Dec, 07:48	-	Pupil Four	System	System	Email failed to send	Failed to send an email from the user with id '-20' to the user with id '305' due to the following error: "You must provide at least one recipient email address.".	cli	192.168.56.1
24 Dec, 07:48	-	Pupil Three	System	System	Email failed to send	Failed to send an email from the user with id '-20' to the user with id '304' due to the following error: "You must provide at least one recipient email address.".	cli	192.168.56.1
8 Oct, 10:19	Alex Büchner	-	System	System	User login failed	Login failed for the username 'admin' for the reason with id '3'.	web	192.168.56.1
8 Oct, 10:19	Alex Büchner	-	System	System	User login failed	Login failed for the username 'admin' for the reason with id '3'.	web	192.168.56.1
8 Oct, 10:19	Alex Büchner	-	System	System	User login failed	Login failed for the username 'admin' for the reason with id '3'.	web	192.168.56.1
9 Aug, 14:19	Alex Büchner	-	System	System	User login failed	Login failed for the username 'admin' for the reason with id '3'.	web	192.168.56.1

External database log ⬍

Hits on Moodle Administration 3 by Alex Büchner
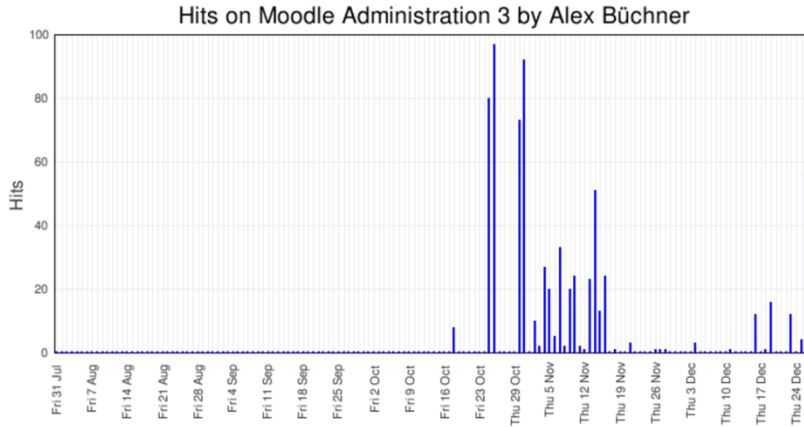
Time	User full name	Affected user	Event context	Component	Event name	Description	Origin	IP address
28 Dec, 06:43	Alex Büchner	Alex Büchner	Front page	Logs	User log report viewed	The user with id '2' viewed the user log report for the user with id '2'.	web	192.168.56.1
28 Dec, 06:41	Alex Büchner	-	System	System	User has logged in	The user with id '2' has logged in.	web	192.168.56.1
28 Dec, 06:38	Alex Büchner	Alex Büchner	User: Alex Büchner	System	User profile viewed	The user with id '2' viewed the profile for the user with id '2'.	web	192.168.56.1

Statistics

Maximum processing interval
statsfirstrun

None ⬍ Default: None

This specifies how far back the logs should be processed **the first time** the cronjob wants to process statistics. If you have a lot of traffic and are on shared hosting, it's probably not a good idea to go too far back, as it could take a long time to run and be quite resource intensive. (Note that for this setting, 1 month = 28 days. In the graphs and reports generated, 1 month = 1 calendar month.)

Maximum runtime
statsmaxruntime

Until complete ⬍ Default: Until complete

This specifies the maximum time allowed to calculate the statistics for one day, bearing in mind that statistics processing can put a big load on the server. The maximum number of days processed in one cron can be specified below.

Days to process
statsruntimedays

31 Default: 31

This specifies the maximum number of days processed in each statistics execution. Once the statistics are up-to-date, only one day will be processed, so adjust this value depending of your server load, reducing it if shorter cron executions are needed.

Run at
statsruntimestarthour

0 ⬍ : 0 ⬍ Default: 0:0

What time should the cronjob that does the statistics processing start? Specifying different times is recommended if there are multiple Moodle sites on one server.

User threshold
statsuserthreshold

0 Default: 0

This setting specifies the minimum number of enrolled users for a course to be included in statistics calculations.

Training - All activity (all roles)
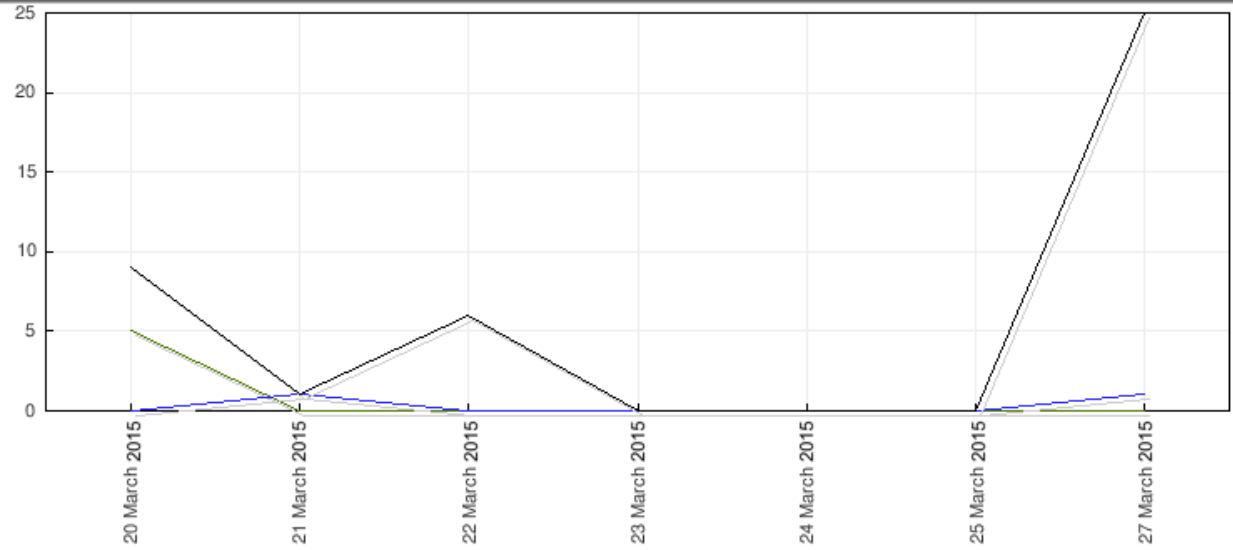
Period ending (day)	Guest	Student	All	Logs
27 March 2015	0	1	25	Course Logs
25 March 2015	0	0	0	Course Logs
24 March 2015	0	0	0	Course Logs
23 March 2015	0	0	0	Course Logs
22 March 2015	0	0	6	Course Logs
21 March 2015	0	1	1	Course Logs
20 March 2015	5	0	9	Course Logs

Users logging in

Per day
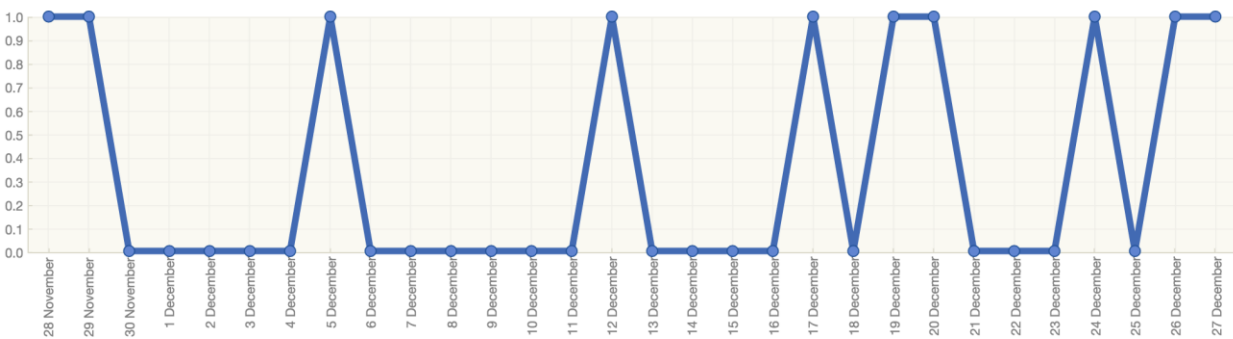
User countries

Number of different countries: 3
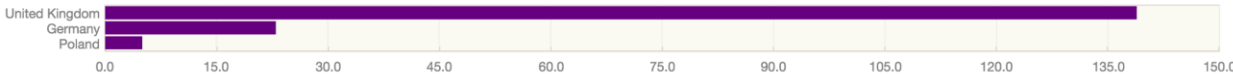
SQL Query*

```
 1  SELECT
 2  user2.firstname AS Firstname,
 3  user2.lastname AS Lastname,
 4  user2.email AS Email,
 5  user2.city AS City,
 6  course.fullname AS Course
 7  ,(SELECT shortname FROM prefix_role WHERE id=en.roleid) AS ROLE
 8  ,(SELECT name FROM prefix_role WHERE id=en.roleid) AS RoleName
 9
10  FROM prefix_course AS course
11  JOIN prefix_enrol AS en ON en.courseid = course.id
12  JOIN prefix_user_enrolments AS ue ON ue.enrolid = en.id
13  JOIN prefix_user AS user2 ON ue.userid = user2.id
```

[Save changes]   [Cancel]

Press F11 when cursor is in the editor to toggle full screen editing. Esc can also be used to exit full screen editing.

List of SQL Contributed reports

1) Choose a remote report categories   [course   ⬍]

2) Choose a report form the list   [most_active_courses.sql   ⬍]

SQL query

```
 1
 2  SELECT COUNT(l.id) hits, l.course courseId, c.fullname coursename
 3  FROM prefix_log l INNER JOIN prefix_course c ON l.course = c.id
 4  GROUP BY courseId
 5  ORDER BY hits DESC
```

Home ▶ My Reports ▶ Log

[Edit this report]

Log: 169 of 547 records shown

▼ Search by

| User's Fullname ❓ | contains ⬍ | |
| Course Name ❓ | contains ⬍ | totara |

[Search]   [Clear]

Show more...

▼ Filter by

User's Country ❓

[any value ⬍]

[Save this search] View a saved search... [Choose... ⬍] [Manage searches]

[Show/Hide Columns]

Legend:
- Totara Business Use Cases
- Totara LMS Re-Zertifizierung
- Totara LMS
- Totara Design CSS
- Totara Design CSS
- totara
- Totara Business Use Cases
- Synergy Learning Totara LMS Add Ons
- Totara Business Use Cases

Page: 1 2 3 4 5 Next
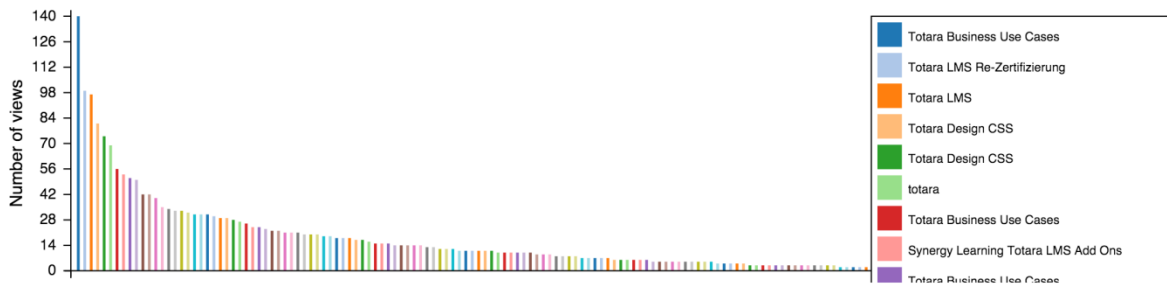
Course Name	Count of Course Name ⬇
Totara Business Use Cases	140
Totara LMS Re-Zertifizierung	99
Totara LMS	97
Totara Design CSS	81

Add scheduled report

Report   Log

Data   [Packt ⬍]

Export   [Export in Excel format ⬍]

Export options   🔘 Email scheduled report
                                    ⚪ Email and save scheduled report to file
                                    ⚪ Save scheduled report to file system only

Schedule   [Weekly ⬍] [00:00 ⬍] [Friday ⬍] [1st ⬍]

                                    [Save changes]   [Cancel]

Analytics

Enabled	☑ Default: Yes	
local_analytics | enabled	Enable Analytics for Moodle	
Analytics	[Piwik ⬍] Default: Piwik	
local_analytics | analytics	Choose the type of Analytics you want to insert	
Site ID	[1] Default: 1	
local_analytics | siteid	Enter your Site ID or Google Analytics	
Image Tracking	☑ Default: Yes	
local_analytics | imagetrack	Enable Image Tracking for Moodle for browsers with JavaScript disabled (only for Piwik)	
Analytics URL	[packt.synergy-learning.com] Default: Empty	
local_analytics | siteurl	Enter your Piwik Analytics URL without http(s) or a trailing slash (for both Google Analytics types leave empty)	
Tracking Admins	☐ Default: No	
local_analytics | trackadmin	Enable tracking of Admin users (not recommended)	
Clean URLs	☑ Default: Yes	
local_analytics | cleanurl	Generate clean URL for in advanced tracking	

Header
✓ Top of body
Footer

Tracking code location   Default: Header

local_analytics | location

The place on the page where you want to place the code, header will yield the most reliable results, but footer gives the best performance. If you do not get correct results in Google/Piwik set this to "Header"

Audience Overview

Email | Export ▾ | Add to Dashboard | Shortcut

Oct 1, 2015 - Nov 30, 2015 ▲

All Sessions
100.00%

Tablet Traffic
0.22%

Overview

Sessions ▾ vs. Pages / Session ▾

September 2015	October 2015	November 2015

Date Range: Custom
Oct 1, 2015 - Nov 30, 2015
☑ Compare to: Previous period
Aug 1, 2015 - Sep 30, 2015

Apply cancel

Hourly | Day | Week | Month

All Sessions: ● Sessions ● Pages / Session
Tablet Traffic: ● Sessions ● Pages / Session

100 2

50 1

Oct 8 | Oct 15 | Oct 22 | Oct 29 | Nov 5 | Nov 12 | Nov 19 | Nov 26

■ New Visitor ■ Returning Visitor
All Sessions   Tablet Traffic

Sessions
All Sessions
457
Tablet Traffic
1

Users
All Sessions
395
Tablet Traffic
1

Pageviews
All Sessions
463
Tablet Traffic
1

Pages / Session
All Sessions
1.01
Tablet Traffic
1.00

14% 86% 100%

Avg. Session Duration
All Sessions
00:00:11
Tablet Traffic
00:00:00

Bounce Rate
All Sessions
98.91%
Tablet Traffic
100.00%

% New Sessions
All Sessions
86.00%
Tablet Traffic
0.00%
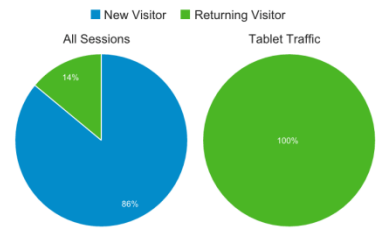
Config changes

Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ...43 (Next)

Date ↑	First name / Surname	Plugin	Setting	New value	Original value
Monday, 25 August 2014, 1:41 PM	Alex Büchner	logstore_database	dbtable	mdl_log	packt_log
Monday, 25 August 2014, 1:40 PM	Alex Büchner	core	maxcategorydepth	3	2
Monday, 25 August 2014, 1:39 PM	Alex Büchner	core	statsfirstrun	all	none
Monday, 25 August 2014, 1:39 PM	Alex Büchner	core	statsruntimestarthour	6	5

Chapter 11: Moodle Security and Privacy

Your site configuration might not be secure. Please make sure that your dataroot directory (/var/www/packt/packtdata) is not directly accessible via web.

Enabling the PHP setting *display_errors* is not recommended on production sites because some error messages may reveal sensitive information about your server.

The cron.php maintenance script has not been run for at least 24 hours. ⊘

Notifications

Display login failures ☑ Default: No
displayloginfailures
This will display information to users about previous failed logins.

Email login failures to
notifyloginfailures

Nobody
Everyone who can 'Change site configuration'
Alex Büchner

Default: Nobody
Send login failure notification messages to these selected users. This requires an internal logstore (eg Standard Logstore) to be enabled.

Threshold for email notifications 10 ⇕ Default: 10
notifyloginthreshold
If notifications about failed logins are active, how many failed login attempts by one user or one IP address is it worth notifying about?

Security overview

Issue	Status	Description
Insecure dataroot	OK	Dataroot directory must not be accessible via the web.
Displaying of PHP errors	Warning	The PHP setting to display errors is enabled. It is recommended that this is disabled.
No authentication	OK	No authentication plugin is disabled.
Allow EMBED and OBJECT	Critical	Unlimited object embedding enabled - this is very dangerous for the majority of servers.
Enabled .swf media filter	OK	Flash media filter is not enabled.
Open user profiles	OK	Login is required before viewing user profiles.
Open to Google	OK	Search engine access is not enabled.
Password policy	OK	Password policy enabled.
Email change confirmation	OK	Confirmation of change of email address in user profile.
Writable config.php	OK	config.php can not be modified by PHP scripts.
XSS trusted users	Warning	RISK_XSS - found 5 users that have to be trusted.
Administrators	OK	Found 1 server administrator(s).
Backup of user data	Warning	Found 1 roles, 0 overrides and 2 users with the ability to backup user data.
Default role for all users	OK	Default role for all users definition is OK.
Guest role	OK	Guest role definition is OK.
Frontpage role	OK	Frontpage role definition is OK.
Web cron	Warning	Anonymous users can access cron.

Security overview

Issue	Status	Description	Configuration
ⓘ Allow EMBED and OBJECT	Critical	Unlimited object embedding enabled - this is very dangerous for the majority of servers.	Site policies

Unlimited object embedding is very dangerous - any registered user may launch an XSS attack against other server users. This setting should be disabled on production servers.

Continue

Allowed email domains	.edu, synergy-learning.com	Default: Empty

allowemailaddresses

If you want to restrict all new email addresses to particular domains, then list them here separated by spaces. All other domains will be rejected. To allow subdomains add the domain with a preceding '.'. eg **ourcollege.edu.au .gov.au**

Denied email domains		Default: Empty

denyemailaddresses

To deny email addresses from particular domains list them here in the same way. All other domains will be accepted. To deny subdomains add the domain with a preceding '.'. eg **hotmail.com yahoo.co.uk .live.com**

Restrict domains when changing email   ☑ Default: Yes

verifychangedemail

Enables verification of changed email addresses using allowed and denied email domains settings. If this setting is disabled the domains are enforced only when creating new users.

ReCAPTCHA public key	6LeD9MQSAAAAAHi2FvLDUnEGX	Default: Empty

recaptchapublickey

String of characters used to display the reCAPTCHA element in the signup form. Generated by http://www.google.com/recaptcha

ReCAPTCHA private key	6LeD9MQSAAAAAEzeXFzPdsjWln	Default: Empty

recaptchaprivatekey

String of characters used to communicate between your Moodle server and the recaptcha server. Obtain one for this site by visiting http://www.google.com/recaptcha

Site policies

Protect usernames   ☑ Default: Yes

protectusernames

By default forget_password.php does not display any hints that would allow guessing of usernames or email addresses.

Force users to log in   ☐ Default: No

forcelogin

Normally, the front page of the site and the course listings (but not courses) can be read by people without logging in to the site. If you want to force people to log in before they do ANYTHING on the site, then you should enable this setting.

Force users to log in for profiles   ☑ Default: Yes

forceloginforprofiles

This setting forces people to login as a real (non-guest) account before viewing any user's profile. If you disabled this setting, you may find that some users post advertising (spam) or other inappropriate content in their profiles, which is then visible to the whole world.

Force users to log in to view user pictures   ☐ Default: No

forceloginforprofileimage

If enabled, users must login in order to view user profile pictures and the default user picture will be used in all notification emails.

Open to Google   ☐ Default: No

opentogoogle

If you enable this setting, then Google will be allowed to enter your site as a Guest. In addition, people coming in to your site via a Google search will automatically be logged in as a Guest. Note that this only provides transparent access to courses that already allow guest access.

Profile visible roles

profileroles

☐ Manager
☐ Course creator
☑ Teacher
☑ Non-editing teacher
☑ Student
☐ Guest
☐ Authenticated user
☐ Authenticated user on frontpage

Default: Teacher, Non-editing teacher, Student

List of roles that are visible on user profiles and participation page.

Courses

Course contacts

coursecontact

- ☐ Manager
- ☐ Course creator
- ☑ Teacher
- ☐ Non-editing teacher
- ☐ Student
- ☐ Guest
- ☐ Authenticated user
- ☐ Authenticated user on frontpage

Default: Teacher

This setting allows you to control who appears on the course description. Users need to have at least one of these roles in a course to be shown on the course description for that course.

Password policy

passwordpolicy

☑ Default: Yes

Turning this on will make Moodle check user passwords against a valid password policy. Use the settings below to specify your policy (they will be ignored if you set this to 'No').

Password length

minpasswordlength

`8` Default: 8

Passwords must be at least these many characters long.

Digits

minpassworddigits

`1` Default: 1

Passwords must have at least these many digits.

Lowercase letters

minpasswordlower

`1` Default: 1

Passwords must have at least these many lower case letters.

Uppercase letters

minpasswordupper

`1` Default: 1

Passwords must have at least these many upper case letters.

Non-alphanumeric characters

minpasswordnonalphanum

`1` Default: 1

Passwords must have at least these many non-alphanumeric characters.

Consecutive identical characters

maxconsecutiveidentchars

`0` Default: 0

Passwords must not have more than this number of consecutive identical characters. Use 0 to disable this check.

Password rotation limit

passwordreuselimit

`0` Default: 0

Number of times a user must change their password before they are allowed to reuse a password. Hashes of previously used passwords are stored in local database table. This feature might not be compatible with some external authentication plugins.

Maximum time to validate password reset request

pwresettime

`30 minutes ⇕` Default: 30 minutes

This specifies the amount of time people have to validate a password reset request before it expires. Usually 30 minutes is a good value.

Log out after password change

passwordchangelogout

☐ Default: No

If enabled, when a password is changed, all browser sessions are terminated, apart from the one in which the new password is specified. (This setting does not affect password changes via bulk user upload.)

Group enrolment key policy

groupenrolmentkeypolicy

☑ Default: Yes

Turning this on will make Moodle check group enrolment keys against a valid password policy.

| No |
| 3 |
| 5 |
| 7 |
| ✓ 10 |
| 20 |
| 30 |
| 50 |
| 100 |

eft empty, no password is required.

Account lockout threshold   Default: No
lockoutthreshold

mber of failed login attempts that result in account lockout. This feature may be abused in denial of ttacks.

Account lockout observation window   `30`   `minutes ⇕`   Default: 30 minutes
lockoutwindow

Observation time for lockout threshold, if there are no failed attempts the threshold counter is reset after this time.

Account lockout duration   `30`   `minutes ⇕`   Default: 30 minutes
lockoutduration

Locked out account is automatically unlocked after this duration.

This script allows you to search all user profiles for certain strings and then delete those accounts which are obviously created by spammers. You can search for multiple keywords using commas (e.g. casino, porn).

For further information, see the documentation Reducing spam in Moodle.

`world cup`   `Search for these keywords`

eg: casino, porn, xxx

`Autodetect common spam patterns`

Results of searching user profiles containing:world cup

...

User	Description	Operation
1 Bad Boy • Holywood • GB • Ben.Cuttle@yourschool.org.uk	**From forum post:** World Cup	Delete user Ignore

`Delete all these user accounts`

Allow EMBED and OBJECT tags   ☑ Default: No
allowobjectembed

As a default security measure, normal users are not allowed to embed multimedia (like Flash) within texts using explicit EMBED and OBJECT tags in their HTML (although it can still be done safely using the mediaplugins filter). If you wish to allow these tags then enable this option.

Enable trusted content   ☑ Default: No
enabletrusttext

By default Moodle will always thoroughly clean text that comes from users to remove any possible bad scripts, media etc that could be a security risk. The Trusted Content system is a way of giving particular users that you trust the ability to include these advanced features in their content without interference. To enable this system, you need to first enable this setting, and then grant the Trusted Content permission to a specific Moodle role. Texts created or uploaded by such users will be marked as trusted and will not be cleaned before display.

School Website Policy

The purpose of this policy is to ensure that the school website protects the safety and confidentiality of the pupils of the school. It has regard to the Superhighway Safety advice of the Department for Education & Skills.

On our school website:
- No close up pictures of pupils will be used
- No photographs of individual pupils will be used
- Images of pupils will not be labelled with their names
- Pupils will only be referred to by first names on our webpages
- No personal details of pupils or staff will be featured

You must agree to this policy to continue using this site. Do you agree?

Yes   No

Anti-Virus

Use clam AV on uploaded files runclamonupload	☑ Default: No When enabled, clam AV will be used to scan all uploaded files.	
clam AV path pathtoclam	/usr/bin/clamdscan	Default: Empty

Path to clam AV. Probably something like /usr/bin/clamscan or /usr/bin/clamdscan. You need this in order for clam AV to run.

Quarantine directory quarantinedir		Default: Empty

If you want clam AV to move infected files to a quarantine directory, enter it here. It must be writable by the webserver. If you leave this blank, or if you enter a directory that doesn't exist or isn't writable, infected files will be deleted. Do not include a trailing slash.

On clam AV failure
clamfailureonupload

✓ Treat files as OK
　Treat files like viruses

Default: Treat files as OK

If you have configured clam to scan uploaded files, but it is configured incorrectly or fails to run for some unknown reason, how should it behave? If you choose 'Treat files like viruses', they'll be moved into the quarantine area, or deleted. If you choose 'Treat files as OK', the files will be moved to the destination directory like normal. Either way, admins will be alerted that clam has failed. If you choose 'Treat files like viruses' and for some reason clam fails to run (usually because you have entered an invalid pathtoclam), ALL files that are uploaded will be moved to the given quarantine area, or deleted. Be careful with this setting.

Cron execution via command line only cronclionly	☑ Default: No	

If this is set, then the cron script can only be run from the command line instead of via the web. This overrides the cron password setting below.

Cron password for remote access cronremotepassword	•••••••••••••••••• ☐ Unmask	

This means that the cron.php script cannot be run from a web browser without supplying the password using the following form of URL:

```
http://site.example.com/admin/cron.php?password=opensesame
```

If this is left empty, no password is required.

HTTP security

Use HTTPS for logins
loginhttps

☑ Default: No

Turning this on will make Moodle use a secure https connection just for the login page (providing a secure login), and then afterwards revert back to the normal http URL for general speed. CAUTION: this setting REQUIRES https to be specifically enabled on the web server - if it is not then YOU COULD LOCK YOURSELF OUT OF YOUR SITE.

Secure cookies only
cookiesecure

☐ Default: No

If server is accepting only https connections it is recommended to enable sending of secure cookies. If enabled please make sure that web server is not accepting http:// or set up permanent redirection to https:// address. When *wwwroot* address does not start with https:// this setting is turned off automatically.

Only http cookies
cookiehttponly

☐ Default: No

Enables new PHP 5.2.0 feature - browsers are instructed to send cookie with real http requests only, cookies should not be accessible by scripting languages. This is not supported in all browsers and it may not be fully compatible with current code. It helps to prevent some types of XSS attacks.

IP blocker

Allowed list will be processed first
allowbeforeblock

☐ Default: No

By default, entries in the blocked IPs list are matched first. If this option is enabled, entries in the allowed IPs list are processed before the blocked list.

Allowed IP list
allowedip

```
192.168
123.45.67.89-99
```

Default: Empty

Put every entry on one line. Valid entries are either full IP address (such as **192.168.10.1**) which matches a single host; or partial address (such as **192.168.**) which matches any address starting with those numbers; or CIDR notation (such as **231.54.211.0/20**); or a range of IP addresses (such as **231.3.56.10-20**) where the range applies to the last part of the address. Text domain names (like 'example.com') are not supported. Blank lines are ignored.
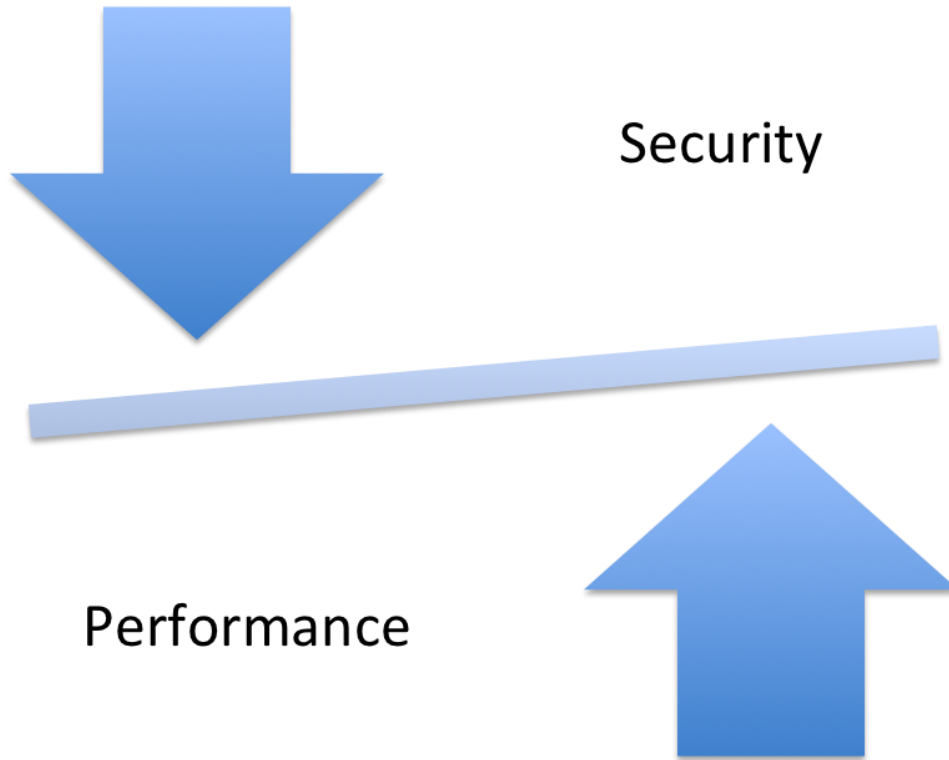
Blocked IP List
blockedip

```
111.22.33.44
```

Chapter 12: Moodle Performance and Optimization

Name	Information	Report	Status
php_setting	opcache.enable	ⓘ PHP setting should be changed. PHP opcode caching improves performance and lowers memory requirements, OPcache extension is recommended and fully supported.	Check

Security

Performance

Performance overview

This report lists issues which may affect performance of the site ⓘ more help

Issue	Value	Comments	Edit
Theme designer mode	Disabled	If enabled, images and style sheets will not be cached, resulting in significant performance degradation.	⚙
Cache Javascript	Enabled	If disabled, page might load slow.	⚙
Debug messages	MINIMAL: Show only fatal errors	If set to DEVELOPER, performance may be affected slightly.	⚙
Automated backup	Enabled	Performance may be affected during the backup process. Backups should be scheduled for off-peak times.	⚙
Enable statistics	Enabled	Performance may be affected by statistics processing. Statistics settings should be set with caution.	⚙

Installed cache stores

Plugin	Ready	Stores	Modes	Supports	Actions
File cache	✓	1	Application, Session	data guarantee, ttl, key awareness	Add instance
Memcache		0	Application	ttl	
Memcached	✓	1	Application	ttl	Add instance
MongoDB		0	Application	data guarantee	
Session cache	✓	1	Session	data guarantee, ttl, key awareness	
Static request cache	✓	1	Request	data guarantee, ttl, key awareness	

Configured store instances

Store name	Plugin	Ready	Store mappings	Modes	Supports	Locking mechanism	Actions
mem1	Memcached	✓	16	Application	ttl	Default file locking	Edit store, Delete store, Purge
Default file store for application caches	File cache	✓	0	Application, Session	data guarantee, ttl, key awareness, searching by key	Default file locking	ⓘ Purge
Default static store for request caches	Static request cache	✓	0	Request	data guarantee, ttl, key awareness, searching by key	Default file locking	ⓘ Purge
Default session store for session caches	Session cache	✓	0	Session	data guarantee, ttl, key awareness, searching by key	Default file locking	ⓘ Purge

Add Memcached store

Store name   mem1

Lock method   ❓   Default file locking ⬍

▼ Store configuration

Servers*   ❓   127.0.0.1

Use compression   ❓   Yes ⬍

Use serialiser   ❓   ✓ The default PHP serializer.
   The JSON serializer.

Prefix key   ❓   train

Hash method   ❓   Default (one-at-a-time) ⬍

Buffer writes   ❓   No ⬍

Known cache definitions

Definition	Mode	Component	Area	Store mappings	Sharing	Actions
Accumulated information about modules and sections for each course	Application	core	coursemodinfo	Default file store for application caches	Site identifier	Edit mappings, Edit sharing, Purge
Activity completion status	Application	core	completion	Default file store for application caches	Site identifier	Edit mappings, Edit sharing, Purge
Calendar subscriptions	Application	core	calendar_subscriptions	Default file store for application caches	Site identifier	Edit mappings, Edit sharing, Purge
Concept linking	Application	mod_glossary	concepts	Default file store for application caches	Site identifier	Edit mappings, Edit sharing, Purge
Config settings	Application	core	config	Default file store for application caches	Site identifier	Edit mappings, Edit sharing, Purge
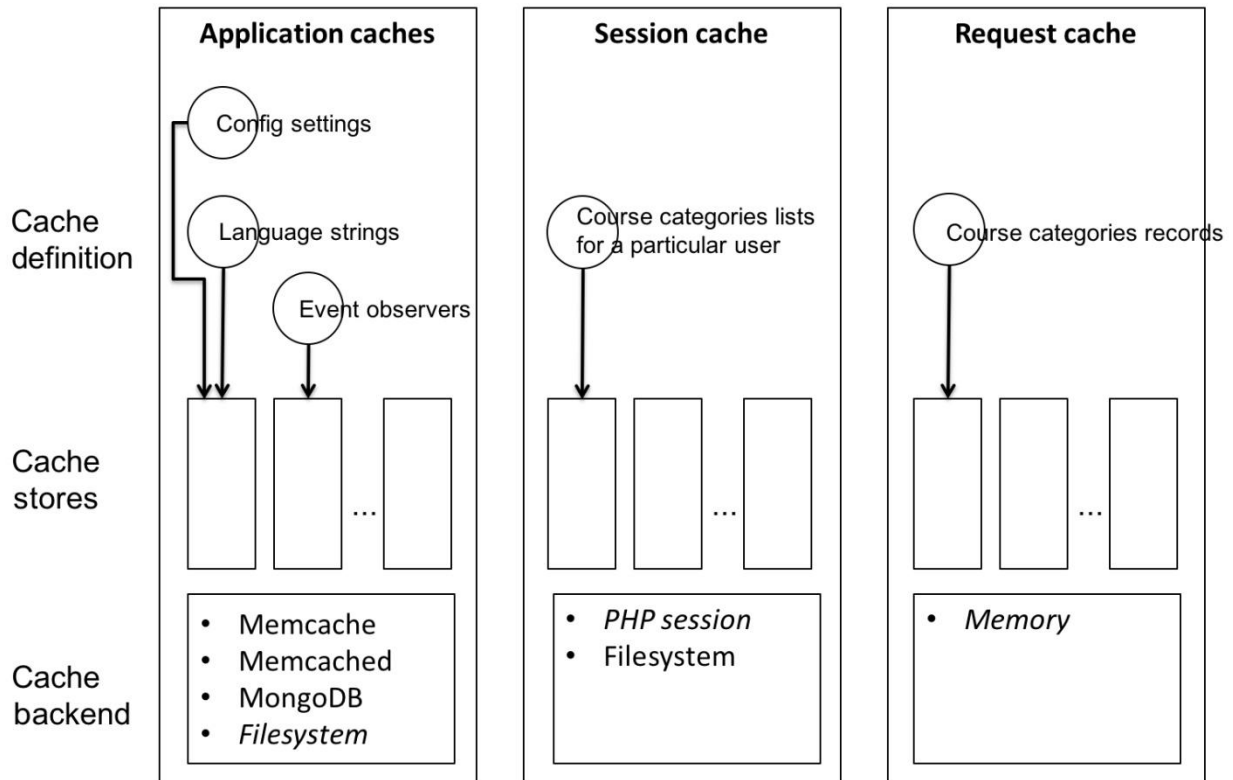
Cache store performance reporting - 10000 unique requests per operation.

Test with 1, 10, 100, 500, 1000, 5000, 10000, 50000, 100000 requests

Store requests when used as a session cache.

Plugin	Result	Set	Get - Hit	Get - Miss	Delete
File cache	Tested	1.5202	0.4715	0.0578	0.2129
Memcache	Untestable	-	-	-	-
Memcached	Invalid plugin	-	-	-	-
MongoDB	Invalid plugin	-	-	-	-
Session cache	Tested	0.0265	0.0160	0.0064	0.0138
Static request cache	Unsupported mode	-	-	-	-

Purge all caches

Moodle can cache themes, javascript, language strings, filtered text, rss feeds and many other pieces of calculated data. Purging these caches will delete that data from the server and force browsers to refetch data, so that you can be sure you are seeing the most up-to-date values produced by the current code. There is no danger in purging caches, but your site may appear slower for a while until the server and clients calculate new information and cache it.

[Purge all caches]

Name	Component	Edit	Last run	Next run	Minute	Hour	Day	Day of week	Month	Fail delay	Default
Legacy log table cleanup \logstore_legacy\task\cleanup_task	Legacy log	⚙	Monday, 25 August 2014, 4:21 PM	Tuesday, 26 August 2014, 7:08 AM	*	6	*	*	*	0	No
Log table cleanup \logstore_standard\task\cleanup_task	Standard log	⚙	Monday, 25 August 2014, 4:21 PM	Tuesday, 26 August 2014, 5:22 AM	*	4	*	*	*	0	Yes
Automated backups \core\task\automated_backup_task	Core	⚙	Never	ASAP	50	*	*	*	*	0	Yes
Clean backup tables and logs \core\task\backup_cleanup_task	Core	⚙	Monday, 25 August 2014, 4:21 PM	Monday, 25 August 2014, 5:10 PM	10	*	*	*	*	0	Yes
Award badges \core\task\badges_cron_task	Core	⚙	Never	ASAP	*/5	*	*	*	*	0	Yes

Edit task schedule: Check for updates

Last run	Monday, 25 August 2014, 4:00 PM
Next run	Monday, 25 August 2014, 6:00 PM

Minute ⑦ [0]

Hour ⑦ [*/2]

Day ⑦ [*]

Month ⑦ [*]

Day of week ⑦ [*]

Disabled ⑦ ☐

Reset task schedule to defaults ⑦ ☐

Disable grade history   ☐   Default: No

disablegradehistory   Disable history tracking of changes in grades related tables. This may speed up the server a little and conserve

| Never delete history |
| 1000 days |
| ✓ 365 days |
| 180 days |
| 150 days |
| 120 days |
| 90 days |
| 60 days |
| 30 days |

Grade history lifetime   Default: Never delete history

gradehistorylifetime

f time you want to keep history of changes in grade related tables. It is recommended to
. If you experience performance problems or have limited database space, try to set lower

0.700861 secs
RAM: 29.4MB
RAM peak: 30.5MB
Included 492 files
Contexts for which filters were loaded: 1
Filters created: 3
Pieces of content filtered: 10
Strings filtered: 0
get_string calls: 2927
DB reads/writes: 73/2
DB queries time: 0.0096 secs
ticks: 70 user: 65 sys: 5 cuser: 0 csys: 0
Load average: 0.01
Session (core\session\file): 5.3KB

Caches used (hits/misses/sets)

core/databasemeta
** static acceleration **: 38 / 17 / 0
cachestore_file: 17 / 0 / 0

core/string
** static acceleration **: 4590 / 440 / 0
cachestore_file: 440 / 0 / 0

core/yuimodules
cachestore_file: 3 / 0 / 0

core/htmlpurifier
cachestore_file: 2 / 0 / 0

core/langmenu
** static acceleration **: 3 / 1 / 0
cachestore_file: 1 / 0 / 0

core/plugin_manager
cachestore_file: 3 / 0 / 0

core/coursecat
cachestore_session: 1 / 2 / 3

core/coursemodinfo
cachestore_file: 1 / 0 / 0

core/repositories
cachestore_static: 0 / 11 / 22

Total: 5099 / 471 / 25

Enable profiling	☑ Default: No	
profilingenabled	If you enable this setting, then profiling will be available in this site and you will be able to define its behavior by configuring the next options.	

Profile these
profilingincluded

```
index.php, /mod/*/view.php
```

Default: Empty
List of (comma separated, absolute skipping wwwroot, callable) URLs that will be automatically profiled. Examples: /index.php, /course/view.php. Also accepts the * wildchar at any position. Examples: /mod/forum/*, /mod/*/view.php.

Exclude profiling
profilingexcluded

Default: Empty
List of (comma separated, absolute skipping wwwroot, callable) URLs that will be excluded from being profiled from the ones defined by 'Profile these' setting.

Automatic profiling
profilingautofrec

`0` Default: 0

By configuring this setting, some request (randomly, based on the frequency specified - 1 of N) will be picked and automatically profiled, storing results for further analysis. Note that this way of profiling observes the include/exclude settings. Set it to 0 to disable automatic profiling.

Selective profiling
profilingallowme

☐ Default: No
If you enable this setting, then, selectively, you can use the PROFILEME parameter anywhere (PGC) and profiling for that script will happen. Analogously, you can use the DONTPROFILEME parameter to prevent profiling to happen

Continuous profiling
profilingallowall

☐ Default: No
If you enable this setting, then, at any moment, you can use the PROFILEALL parameter anywhere (PGC) to enable profiling for all the executed scripts along the Moodle session life. Analogously, you can use the PROFILEALLSTOP parameter to stop it.

Keep profiling runs
profilinglifetime

`24 hours ⇅` Default: 24 hours

Specify the time you want to keep information about old profiling runs. Older ones will be pruned periodically. Note that this excludes any profiling run marked as 'reference run'.

Profiling import prefix
profilingimportprefix

`(I)` Default: (I)

For easier detection, all the imported profiling runs will be prefixed with the value specified here.

URL	Date ▾	Execution time	CPU time	Function calls	Memory used	Comment
/index.php →	14 Sep 2014, 19:05	630.200 ms	624.038 ms	44178	11010.406 KB	
/my/index.php →	14 Sep 2014, 19:05	666.049 ms	608.039 ms	35515	14565.789 KB	
/index.php →	14 Sep 2014, 19:05	634.284 ms	628.039 ms	44169	11010.555 KB	
	14 Sep 2014, 19:05	727.964 ms	720.045 ms	46143	14083.781 KB	
/admin/tool/profiling/index.php →	14 Sep 2014, 19:04	3598.208 ms	3588.223 ms	312580	18139.922 KB	
/index.php →	14 Sep 2014, 19:04	642.470 ms	632.039 ms	44797	11065.039 KB	
/admin/tool/profiling/index.php →	14 Sep 2014, 19:04	3170.485 ms	3160.197 ms	304176	17991.770 KB	

Total: 626.998 ms
/lib/xhprof/xhprof_html/index.php -
Excl: 4.142 ms (0.7%)
1 total calls

moodle_setlocale
Inc: 6.412 ms (1.0%)
Excl: 0.084 ms (0.0%)
1 total calls

require_capability
Inc: 21.747 ms (3.5%)
Excl: 0.010 ms (0.0%)
1 total calls

displayXHProfReport
Inc: 578.514 ms (92.3%)
Excl: 5.563 ms (0.9%)
1 total calls

has_capability
Inc: 21.737 ms (3.5%)
Excl: 0.128 ms (0.0%)
1 total calls

moodle_xhprofrun::get_run
Inc: 35.253 ms (5.6%)
Excl: 0.174 ms (0.0%)
1 total calls

profiler_single_run_report
Inc: 537.682 ms (85.8%)
Excl: 0.120 ms (0.0%)
1 total calls

get_capability_info
Inc: 15.531 ms (2.5%)
Excl: 1.071 ms (0.2%)
1 total calls

unserialize
Inc: 19.883 ms (3.2%)
Excl: 19.883 ms (3.2%)
1 total calls

moodle_database::get_record
Inc: 9.264 ms (1.5%)
Excl: 0.025 ms (0.0%)
1 total calls

profiler_report
Inc: 537.231 ms (85.7%)
Excl: 5.270 ms (0.8%)
1 total calls

moodle_database::get_records
Inc: 18.347 ms (2.9%)
Excl: 0.031 ms (0.0%)
2 total calls

xhprof_compute_flat_info
Inc: 181.891 ms (29.0%)
Excl: 62.748 ms (10.0%)
1 total calls

full_report
Inc: 349.875 ms (55.8%)
Excl: 26.564 ms (4.2%)
1 total calls

moodle_database::get_records_select
Inc: 22.393 ms (3.6%)
Excl: 0.042 ms (0.0%)
3 total calls

xhprof_compute_inclusive_times
Inc: 83.752 ms (13.4%)
Excl: 51.911 ms (8.3%)
1 total calls

usort
Inc: 121.416 ms (19.4%)
Excl: 66.401 ms (10.6%)
1 total calls

print_flat_data
Inc: 201.553 ms (32.1%)
Excl: 1.544 ms (0.2%)
1 total calls

mysqli_native_moodle_database::get_records_sql
Inc: 28.408 ms (4.5%)
Excl: 8.139 ms (1.3%)
4 total calls

xhprof_parse_parent_child
Inc: 67.097 ms (10.7%)
Excl: 42.970 ms (6.9%)
6630 total calls

sort_cbk
Inc: 55.015 ms (8.8%)
Excl: 55.015 ms (8.8%)
18500 total calls

print_function_info
Inc: 199.798 ms (31.9%)
Excl: 35.152 ms (5.6%)
100 total calls

mysqli::query
Inc: 12.063 ms (1.9%)
Excl: 12.063 ms (1.9%)
6 total calls

explode
Inc: 24.147 ms (3.9%)
Excl: 24.147 ms (3.9%)
6634 total calls

print_td_pct
Inc: 110.583 ms (17.6%)
Excl: 85.545 ms (13.6%)
900 total calls

print_td_num
Inc: 41.132 ms (6.6%)
Excl: 34.103 ms (5.4%)
900 total calls

xhprof_percent_format
Inc: 18.420 ms (2.9%)
Excl: 10.683 ms (1.7%)
900 total calls

get_print_class
Inc: 9.016 ms (1.4%)
Excl: 9.016 ms (1.4%)
1800 total calls

sprintf
Inc: 7.820 ms (1.2%)
Excl: 7.820 ms (1.2%)
901 total calls

Chapter 13: Backup and Restore

Initial Settings ▶ Schema Settings ▶ Confirmation and Review ▶ Finalizing Backup

1. Initial settings ▶ 2. Schema settings ▶ 3. Confirmation and review ▶ 4. Perform backup ▶ 5. Complete

Backup settings

IMS Common Cartridge 1.1	☐
Include enrolled users	☑
Anonymize user information	☐
Include user role assignments	☑
Include activities and resources	☑
Include blocks	☑
Include filters	☑
Include comments	☑
Include badges	☑
Include calendar events	☑
Include user completion details	☑
Include course logs	✗ 🧩🔒
Include grade history	☐
Include question bank	☑
Include groups and groupings	☑

Cancel   Jump to final step   Next

General backup settings

Include users backup | backup_general_users	☑ Default: Yes Sets the default for whether to include users in backups.	☐ Locked
Anonymise information backup | backup_general_anonymize	☐ Default: No If enabled all information pertaining to users will be anonymised by default.	☑ Locked
Include role assignments backup | backup_general_role_assignments	☑ Default: Yes If enabled by default roles assignments will also be backed up.	☐ Locked
Include activities and resources backup | backup_general_activities	☑ Default: Yes Sets the default for including activities in a backup.	☐ Locked
Include blocks backup | backup_general_blocks	☑ Default: Yes Sets the default for including blocks in a backup.	☐ Locked

Select	All / None (Show type options)
Select	All / None

General	☑		User data	☑
News forum 💬	☑		-	☑
Questionnaire 📣	☑		-	☐

Topic 1	☑		User data	☑
A forum 💬	☑		-	☑
A file 📄	☑		-	☑
A video 📄	☐		-	☑
Assignment ✋	☑		-	☑

Topic 2	☐		User data	☑

Topic 3	☐		User data	☑

Topic 4	☐		User data	☑

Topic 5	☑		User data	☑
Hidden file 🧩	☑		-	☑

1. Initial settings ▶ 2. Schema settings ▶ **3. Confirmation and review** ▶ 4. Perform backup ▶ 5. Complete

Filename

Filename*   backup-moodle2-course-6-php-20141101-1127.mbz

Import a backup file

Files Choose a file...

You can drag and drop files here to add them.

Restore

Course backup area ⓘ

Filename	Time	Size	Download	Restore
backup-moodle2-course-6-php-20141101-1127.mbz	Saturday, 1 November 2014, 11:29 AM	798KB	Download	Restore

Manage backup files

User private backup area ⓘ

Filename	Time	Size	Download	Restore
backup-moodle2-course-6-php-20140915-2022-nu.imscc	Monday, 15 September 2014, 8:23 PM	2.6KB	Download	Restore
backup-moodle2-course-6-php-20140915-2004-nu.imscc	Monday, 15 September 2014, 8:04 PM	2.5KB	Download	Restore

Manage backup files

Automated backups ⓘ

Filename	Time	Size	Download	Restore
backup-moodle2-course-6-php-20141101-1127.mbz	Saturday, 1 November 2014, 11:35 AM	798KB	Download	Restore

Manage backup files

Restore as a new course

Restore as a new course ⦿

Select a category

	Name	Description
○	Computing	
○	Computing - Year 1	
○	Computing - Year 2	
○	Computing - Year 3	
⦿	Engineering	Course and qualifications of the Faculty of Engineering

Search

Continue

Restore into this course

Merge the backup course into this course ⦿

Delete the contents of this course and then restore ○

Continue

Restore into an existing course

Merge the backup course into the existing course ⦿

Delete the contents of the existing course and then restore ○

Select a course

	Course short name	Course full name
○	Demo	Demo course
○	Packt	Packt Demo

Course settings

Course name	PHP Programming
Course short name	PHP
Course start date	2 ⬍ November ⬍ 2015 ⬍ 📅
Keep current roles and enrolments	No ⬍
Keep current groups and groupings	No ⬍
Overwrite course configuration	No ⬍

Select	**All / None (Show type options)**	Select	**All / None**

Section 0	☑	User data	☑
News forum 💬	☑	-	☑

Section 1	☑	User data	☑
Quiz ✅	☑	-	☑

Find a course to import data from:

Select a course   Total courses: 7

	Course short name	Course full name
○	PHP_1	PHP Programming copy 1
◉	PHP	PHP Programming
○	Demo	Demo course
○	Packt	Packt Demo
○	Test _4	Course Three
○	Test _3	Course Two
○	Test _2	Course One

[   ] [Search]

[Continue]

1. Course selection ▶ 2. Initial settings ▶ 3. Schema settings ▶ 4. Confirmation and review ▶ 5. Perform import ▶ 6. Complete

Backup settings

Include activities and resources	☑
Include blocks	☑
Include filters	☑
Include calendar events	☑
Include question bank	☑
Include groups and groupings	☑

[Cancel]   [Jump to final step] [Next]

Last execution log

Course	Time taken			Status	Next backup
Packt	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
Demo course	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
Packt Demo	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
PHP Programming	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
Course One	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
Course Two	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35
Course Three	1 Nov, 11:59	-	1 Nov, 11:59	OK	8 Nov, 11:35

Multilang upgrade

The multilang filter syntax was changed in 1.8 and so the <lang> tag is not supported any more.

Example: Hello!Hola!

Do you want to upgrade the syntax in all existing texts now?

Continue   Cancel

Progress:

Rebuilding course cache...

...finished

Continue

Transfer this Moodle database to another server

This script will transfer the entire contents of this database to another database server. It is often used for migration of data to different database type.

▾ Target database

Type*	Improved MySQL (native/mysqli) ⇕
Database host*	127.0.0.1
Database name*	packt2
Database user*	packt2
Database password*	•••••••••• ☐ Unmask
Tables prefix	mdl_
Port	
Unix socket	

▾ Options

Enable maintenance mode ⑦ ☑

Search and replace text throughout the whole database

This script is not supported, always make complete backup before proceeding!
This operation can not be reverted!

Several tables are not updated as part of the text replacement. This include configuration, log, events, and session tables.

▼ Collapse all

▼ DB search and replace

Search whole database for* `http://packt.ab.local`

usually previous server URL

Replace with this string* `http://packt2.ab.local`

usually new server URL

Shorten result if necessary ☐

▼ Confirm

I understand the risks of this operation* ☑

[Yes, do it!]

Make test course

This tool creates standard test courses that include many sections, activities, and files.

This is intended to provide a standardised measure for checking the reliability and performance of various system components (such as backup and restore).

This test is important because there have been many cases previously where, faced with real-life use cases (e.g. a course with 1,000 activities), the system does not work.

Courses created using this feature can occupy a large amount of database and filesystem space (tens of gigabytes). You will need to delete the courses (and wait for various cleanup runs) to release this space again.

Do not use this feature on a live system ... id accidental use, this feature is disabled unless you have also selected DEVELOPER debugging level.)

| XS (~10KB; create in ~1 second) |
| S (~10MB; create in ~30 seconds) |
| M (~100MB; create in ~5 minutes) |
| L (~1GB; create in ~1 hour) |
| ✓ XL (~10GB; create in ~4 hours) |
| XXL (~20GB; create in ~8 hours) |

Size of course

Course short name* `Performance`

Course full name `Performance testing`

Course summary

Courses for scalability test

[Create course]

Health center

Health problem solution

Solution

For detailed instructions on how to enable cron, see this section of the installation manual.

```
root@debian:/var/www/packt# moosh config-get
stdClass Object
(
    [rolesactive] => 1
    [auth] => ldap,email,mnet,webservice
    [auth_pop3mailbox] => INBOX
    [enrol_plugins_enabled] => manual,guest,self,cohort,ldap,database,meta,paypal
    [theme] => more
    [filter_multilang_converted] => 1
    [siteidentifier] => wjjgHUmHsz85R0ihiJw2zoB3PIERRhmRpackt.ab.local
    [backup_version] => 2015111600
    [backup_release] => 3.0
    [mnet_dispatcher_mode] => strict
    [sessiontimeout] => 7200
    [stringfilters] =>
    [filterall] => 0
    [texteditors] => atto,tinymce,textarea
    [mnet_localhost_id] => 1
    [mnet_all_hosts_id] => 2
    [siteguest] => 1
    [siteadmins] => 2
    [themerev] => 1451319030
    [jsrev] => 1451319030
    [gdversion] => 2
    [licenses] => unknown,allrightsreserved,public,cc,cc-nd,cc-nc-nd,cc-nc,cc-nc-sa,cc-sa
    [version] => 2015111600
    [enableoutcomes] => 1
    [usecomments] => 1
    [usetags] => 1
    [enablenotes] => 1
    [enableportfolios] => 1
```

Language: English ▾

Adminer 4.0.2

DB: packt ▾

SQL command   Import
Dump   Create table

mdl_assign
mdl_assignfeedback_comments
mdl_assignfeedback_editpdf_anno
mdl_assignfeedback_editpdf_cmn
mdl_assignfeedback_editpdf_quic
mdl_assignfeedback_file
mdl_assignment
mdl_assignment_submissions
mdl_assignment_upgrade
mdl_assignsubmission_file
mdl_assignsubmission_onlinetext
mdl_assign_grades
mdl_assign_plugin_config
mdl_assign_submission
mdl_assign_user_flags

MySQL » Server » Database: packt

Database: packt

🖉 Alter database   🖧 Database schema   Privileges

Tables and views
Search data in tables (331)

[   ] Search

	Table	Engine	Collation	Data Length	Index Length	Data Free	Auto Increment	Ro
☐	mdl_assign	InnoDB	utf8_unicode_ci	🖉 16,384	32,768	4,194,304	🖉 3	
☐	mdl_assignfeedback_comments	InnoDB	utf8_unicode_ci	🖉 16,384	32,768	4,194,304	🖉 1	
☐	mdl_assignfeedback_editpdf_annot	InnoDB	utf8_unicode_ci	🖉 16,384	32,768	4,194,304	🖉 1	
☐	mdl_assignfeedback_editpdf_cmnt	InnoDB	utf8_unicode_ci	🖉 16,384	32,768	4,194,304	🖉 1	
☐	mdl_assignfeedback_editpdf_quick	InnoDB	utf8_unicode_ci	🖉 16,384	16,384	4,194,304	🖉 1	
☐	mdl_assignfeedback_file	InnoDB	utf8_unicode_ci	🖉 16,384	32,768	4,194,304	🖉 1	
☐	mdl_assignment	InnoDB	utf8_unicode_ci	🖉 16,384	16,384	4,194,304	🖉 1	

Logout

Chapter 15: Moodle Integration

Allow an external system to control Moodle

The following steps help you to set up the Moodle web services to allow an external system to interact with Moodle. This includes setting up a token (security key) authentication method.

Step	Status	Description
1. Enable web services	Yes	Web services must be enabled in Advanced features.
2. Enable protocols	None	At least one protocol should be enabled. For security reasons, only protocols that are to be used should be enabled.
3. Create a specific user		A web services user is required to represent the system controlling Moodle.
4. Check user capability		The user should have appropriate capabilities according to the protocols used, for example webservice/rest:use, webservice/soap:use. To achieve this, create a web services role with protocol capabilities allowed and assign it to the web services user as a system role.
5. Select a service		A service is a set of web service functions. You will allow the user to access to a new service. On the **Add service** page check 'Enable' and 'Authorised users' options. Select 'No required capability'.
6. Add functions		Select required functions for the newly created service.
7. Select a specific user		Add the web services user as an authorised user.
8. Create a token for a user		Create a token for the web services user.
9. Enable developer documentation	No	Detailed web services documentation is available for enabled protocols.
10. Test the service		Simulate external access to the service using the web service test client. Use an enabled protocol with token authentication. **WARNING: The functions that you test WILL BE EXECUTED, so be careful what you choose to test!**

Manage protocols

Active web service protocols

Protocol	Version	Enable	Settings
AMF protocol	2014051200	⌀	
REST protocol	2014051200	⌀	
SOAP protocol	2014051200	👁	
XML-RPC protocol	2014051200	⌀	

For security reasons, only protocols that are in use should be enabled.

Web services documentation	☐ Default: No
enablewsdocumentation	Enable auto-generation of web services documentation. A user can access to his own documentation on his security keys page More details. It displays the documentation for the enabled protocols only.

External service

Name* [HR System]

Short name [HR]

Enabled ☑

Authorised users only ⑦ ☑

Can download files* ⑦ ☐

Can upload files* ⑦ ☐

Required capability* ⑦ Search [   ]

No required capability
block/admin_bookmarks:myaddinstance: Add a new admin bookmarks block to My home
block/badges:myaddinstance: Add a new My latest badges block to My home
block/calendar_month:myaddinstance: Add a new calendar block to My home
block/calendar_upcoming:myaddinstance: Add a new upcoming events block to My home
block/comments:myaddinstance: Add a new comments block to My home
block/community:myaddinstance: Add a new community finder block to My home
block/course_list:myaddinstance: Add a new courses block to My home
block/course_overview:myaddinstance: Add a new course overview block to My home
block/glossary_random:myaddinstance: Add a new random glossary entry block to My home
block/html:myaddinstance: Add a new HTML block to My home
block/mentees:myaddinstance: Add a new mentees block to My home

Show less...

[Add service] [Cancel]

HR System

Add functions

Name* Search [core]

core_tag_update_tags:Updates tags
core_user_add_user_device:Store mobile user devices information for PUSH Notifications.
core_user_add_user_private_files:Copy files from a draft area to users private files area.
core_user_create_users:Create users.
core_user_delete_users:Delete users.
core_user_get_course_user_profiles:Get course user profiles (each of the profils matching a course id and a user id).
core_user_get_users:search for users matching the parameters
core_user_get_users_by_field:Retrieve users information for a specified unique field - If you want to do a user search, use core_user_get_users()
core_user_remove_user_device:Remove a user device from the Moodle database.
core_user_update_users:Update users.
core_user_view_user_list:Simulates the web-interface view of user/index.php (triggering events).
core_user_view_user_profile:Simulates the web-interface view of user/view.php and user/profile.php (triggering events).

[Add functions] [Cancel]

Add functions to the service "HR System"

Function	Description	Required capabilities	Edit
core_user_create_users	Create users.	moodle/user:create	Remove
core_user_get_users	search for users matching the parameters	moodle/user:viewdetails, moodle/user:viewhiddendetails, moodle/course:useremail, moodle/user:update	Remove
core_user_get_users_by_field	Retrieve users information for a specified unique field - If you want to do a user search, use core_user_get_users()	moodle/user:viewdetails, moodle/user:viewhiddendetails, moodle/course:useremail, moodle/user:update	Remove
core_user_get_course_user_profiles	Get course user profiles (each of the profils matching a course id and a user id).	moodle/user:viewdetails, moodle/user:viewhiddendetails, moodle/course:useremail, moodle/user:update, moodle/site:accessallgroups	Remove
core_user_delete_users	Delete users.	moodle/user:delete	Remove
core_user_update_users	Update users.	moodle/user:update	Remove

Add functions

Web services ▶ External services ▶ Authorised users ▶ User settings

User settings

▾ User settings

IP restriction ⑦   123.45.67.89

Valid until ⑦   31 ⬍   December ⬍   2015 ⬍   📅 ☑ Enable

Update   Cancel

Create token

▼ Token

User *   Search | w |

> Jill Medway
> Alex Newton
> Carol Ann Oswald
> Gareth Owen
> Ben Ralph-Bowman
> **Web Services**
> Andrew Simpson
> Luke Stowell
> Participant Two
> Pupil Two
> John Watts
> David Williams
> Paul Williams

Service * | Moodle mobile web service ⬍ |

IP restriction | |

Valid until | 31 ⬍ | | December ⬍ | | 2015 ⬍ | 📅 ☑ Enable

Web service test client

* The web service test client **executes** the functions for **REAL**. Do not test functions that you don't know.

* All existing web service functions are not yet implemented into the test client.

* In order to check that a user cannot access some functions, you can test some functions that you didn't allow.

* To see clearer error messages set the debugging to **NORMAL: Show errors, warnings and notices** into Debug messages

* Access the AMF test client.

▼ Web service test client

Authentication method | token ⬍ |

Protocol | SOAP protocol ⬍ |

Function | moodle_user_create_users ⬍ |

[Select]

SOAP protocol: moodle_user_create_users

Web service test client

token	b231c909021b1520f77dcb17c39
username	newuser
password	Password123!
firstname	New
lastname	User
email	newuser@synergy-learning.com
customfieldtype	
customfieldvalue	

WARNING: If you press execute your database will be modified and changes can not be reverted automatically!

Execute   Cancel

URL: http://moodle2.ab.local/webservice/rest/simpleserver.php?wsusername=webservices&wspassword=packt

```
'<?xml version="1.0" encoding="UTF-8" ?>
<EXCEPTION class="invalid_parameter_exception">
<MESSAGE>Invalid parameter value detected, execution can not continue.</MESSAGE>
<DEBUGINFO>Username already exists: newuser</DEBUGINFO>
</EXCEPTION>
'
```

Mobile

Enable web services for mobile devices

enablemobilewebservice

☑ Default: No

Enable mobile service for the official Moodle app or other app requesting it. For more information, read the Moodle documentation

CSS

mobilecssurl

Default: Empty

A CSS file to customise your mobile app interface.

External service

Name	Moodle mobile web service
Short name	moodle_mobile_app
Enabled	☑
Authorised users only ?	☐
Can download files* ?	☑
Can upload files* ?	☑
Required capability* ?	No required capability

Mobile notifications

Airnotifier URL
airnotifierurl

https://messages.moodle.net   Default: https://messages.moodle.net

The server url to connect to to send push notifications.

Airnotifier port
airnotifierport

443   Default: 443

The port to use when connecting to the airnotifier server.

Mobile app name
airnotifiermobileappname

com.moodle.moodlemobile   Default: com.moodle.moodlemobile

The Mobile app unique identifier (usually something like com.moodle.moodlemobile).

Airnotifier app name
airnotifierappname

commoodlemoodlemobile   Default: commoodlemoodlemobile

The app name identifier in Airnotifier.

Airnotifier access key
airnotifieraccesskey

2394cb72634c0cb934785674ebd577   Default: Empty

The access key to use when connecting to the airnotifier server.

Request access key

Chapter 16: Moodle Networking

Content
User data

Content
User data

Content
User data

Ymlaen
Gwersylit SC
Cyfle
Team Around the Child

Pupil Support

ITeC

All sites are accessible over the Internet from any location

NWT

NEWI

YALE

Advisory Team

Grango

Bryn Alyn

Morgan Llwyd

Maelor Penley

Wrexham eLearning Portal
Options Courses / Central Resources / Communications / News / Staff Intranet / Forums

Darland

Single log in means secure validation across whole Network

Rhiwabon

Choice of Languages:
* English
* Welsh
* Polish
* Portuguese
* Many others... (75!!)

Clywedog

Rhosnesni

St Joseph's

St Christopher's

Courses / Links

Collaborative Options Menu
Learning Coaches
Careers Wales
Young Wrexham
My Choice

Peer to Peer links will also be possible with individual VLE's linking and sharing directly

php_extension	curl	ⓘ must be installed and enabled	OK
php_extension	openssl	ⓘ should be installed and enabled for best results	OK
php_extension	tokenizer	ⓘ should be installed and enabled for best results	OK
php_extension	xmlrpc	ⓘ should be installed and enabled for best results	OK

About your server

Public key:

```
-----BEGIN CERTIFICATE-----
MIIEJDCCA42gAwIBAgIBADANBgkqhkiG9w0BAQUFADCBwzELMAkGA1UEBhMCREUx
...
BAoTBVBhY2t0MQ8wDQYDVQQLEwZNb29kbGUxHjAcBgNVBAMTFWh0dHA6Ly9wYWNr
dC5hYi5sb2NhbHDEeMBwGA1UdERMVaHR0cDovL3BhY2t0LmFiLmxvY2FsMSkwJwYJ
c/Zjt15T4c4=
-----END CERTIFICATE-----
```

Valid until: Saturday, 9 August 2014, 5:06 PM

Delete this key

Moodle automatically rotates your keys every 28 days (by default) but you have the option to *manually* expire this key at any time. This will only be useful if you believe this key has been compromised. A replacement will be immediately automatically generated.
Deleting this key will make it impossible for other applications to communicate with you, until you manually contact each administrator and provide them with your new key.

Delete this key   [Delete]

Add a new host

Hostname*   [http://totara.synergy-learning.com]

Application type*   [✓ moodle]
                    [mahara]

[Add host]

Site	Totara Demo
Hostname	http://totara.synergy-learning.com
Force theme	Do not force
Public key*	-----BEGIN CERTIFICATE----- MIIExjCCBC+gAwIBAgIBADANBgkqhkiG9w0BAQQFADCB+DELMAkGA1UEBhMCTIox . . . kxalNXoYBH2tyPKgv6FO6+P74Soy6ALvgXx8Yr/96/hMVPmEbyqZG4I+0fZTXRU2 jmECAwEAAaOCAVwwggFYMB0GA1UdDgQWBBT2fvlsjS4f6P04R0cjp13CmGm8ATCC
Valid until	This key expired on Monday, 25 March 2013, 3:51 PM
Last connect time	Never
IP address	89.185.150.19
Cert details	C: NZ ST: Wellington L: Wellington O: Synergy Learning Totara OU: Moodle CN: http://totara.synergy-learning.com subjectAltName: http://totara.synergy-learning.com emailAddress: noreply@totara.synergy-learning.com

Here you can override the global settings for which profile fields to send and import when new users are created

▼ Collapse all

▼ Fields to import

Fields to import	picture url description descriptionformat
Use the default settings instead	☑ city, country, lang, timezone, picture, description, mailformat, maildigest, maildisplay

▼ Fields to export

Fields to export	policyagreed suspended idnumber emailstop
Use the default settings instead	☑ city, country, lang, timezone, picture, description, mailformat, maildigest, maildisplay

MNet authentication

Users are authenticated according to the web of trust defined in your Moodle Network settings.

RPC negotiation timeout: [30] The timeout in seconds for authentication over the XMLRPC transport.

These host's users can roam in to your site:

Totara Demo: http://totara.synergy-learning.com

Your users can roam out to these hosts:

Totara Demo: http://totara.synergy-learning.com

[Save changes]

Use this page to grant/deny access to specific users from remote MNet hosts. This is functional when you are offering SSO services to remote users. To control your *local* users' ability to roam to other MNet hosts, use the roles system to grant them the *mnetlogintoremote* capability.

Username ⬇	Remote host	Access level	
roamer	2	Allow (Deny)	Delete

Username: [aileen]

Remote host: [Totara Demo ▾]

Access level
- ✓ Choose...
- Allow
- Deny

[Add to access control]

NETWORK SERVERS ⊟ ◁

🍾 **Synergy Learning Mahara**
🎓 **Totara Demo**

You are logged in as **Roamer User** from **SL Training** [Log out]

[English (en) ▾]

MY COURSES ⊟ ◁

⚙ **Local Course**

Remote courses

⋔ **Remote Course**

All courses ...

First name / Surname	Email address	Department	City/town	Country	Last access ⬆	Edit	
Admin User	admin@synergy-learning.com		Holwood	United Kingdom	53 secs	✏	
Roamer User	aileen@null.com		Heidelberg	Germany	9 mins 6 secs	(Allow access) ✏	Deny: SL Training
Admin User	syn-admin@null.com		Holywood	United Kingdom	39 mins 42 secs	(Deny access) ✏	Allow: SL Training

Available courses on Totara Demo

Course short name	Course full name	Role	Action
⚙ **Miscellaneous**			
Remote	**Remote Course**	Learner	Edit enrolments

WWW root	http://social.synergy-learning.com/
	This is the URL at which your users access this Totara Social installation and the URL for which the SSL keys are generated.
Public key	-----BEGIN CERTIFICATE-----
	MIIEMDCCA5mgAwIBAgIBADANBgkqhkiG9w0BAQUFADCBxzELMAkGA1UEBhMCZ2Ix
	• • •
	xXxK0QZfH+AUuFOT+2AVZpNXp8pkYmnEeYnrYTrd2ehcY8DWgRJnyarPKOpaJJkE
	JuXfpdg0fDFtc5J0iSHxE7vyhxA=
	-----END CERTIFICATE-----
	This public key is automatically generated and rotated every 365 days.
SHA1 Fingerprint	00:C6:71:F4:CD:91:28:91:5B:E2:2B:E7:06:0F:09:53:78:0D:28:26
MD5 Fingerprint	71:8E:A7:86:36:50:40:A5:86:9B:93:E9:3D:FE:01:F8
Public key expires	03 January 2016, 9:39 AM
Enable networking	Yes ⬍
	Allow your Totara Social server to communicate with servers running Totara LMS and other applications.
Auto-register all hosts	Yes ⬍
	Create a tenant record for any host that connects to you and allow its users to log on to Totara Social.
	Save changes
Delete this key	Delete

Administer authorities

Authority name *	Mahoodle XML RPC
WWW root *	http://training.synergy-lea
Site name *	Packt Moodle
Application	Moodle
Parent authority	None

Paragraph   **B**   *I*

Welcome to

p

When you have not chosen a parent authority, enter a message to display when a user tries to log in via the login form

SSO direction	They SSO in
Update user info on login	☑
We auto-create users	☑
We import content	☑

Submit   Cancel

Configure portfolio plugin

Name*   Mahara ePortfolio

MNet host*   ✓ Mahara
        Totara Social

**Enable Leap2A portfolio support
(requires Mahara 1.3 or higher)**   Yes

CALENDAR

◀ **January 2015** ▶

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

▼ Search for courses

Find ⊙	courses I can download ⇕
Designed for* ⊙	Any ✓ / Educators / Students / Moodle administrators
Educational level* ⊙	
Subject* ⊙	Any ⇕
Licence* ⊙	Any ⇕
Language* ⊙	Any ⇕
Sort by* ⊙	Newest ⇕
Keywords ⊙	

Search for courses

▼ **Hub**

⚙ Settings

⚙ Manage sites

⚙ **Manage courses**

⚙ Hub server registration

⚙ Stolen secret

⚙ Check site accessible

⚙ Check email status in Sendy

Search

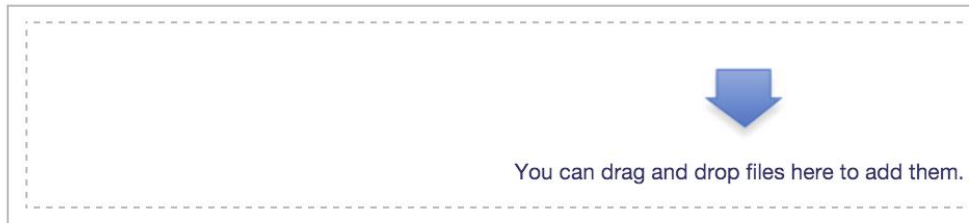|	
Hub version	Tuesday, 7 June 2016 (2014073000)
Name* ⑦	Packt - Moodle Administration 3
Enabled ⑦	☑
Recaptcha ⑦	☐
Privacy ⑦	Don't publish this hub or courses (Private hub) ⬍
Language ⑦	English ⬍
Description* ⑦	This site is accompanying the authoring of Moodle Administration 3 by Packt Publishing (www.packtpub.com)
Contact name* ⑦	Alex Büchner
Contact email* ⑦	packt@synergy-learning.com
Keep current image ⑦	☑

[PACKT]
PUBLISHING

Image ⑦	Choose a file...

You can drag and drop files here to add them.

Password ⑦	

Show more...

Manage sites

▾ Search for sites

Trusted ⊘	Any ⬍
Country ⊘	Any ⬍
Language ⊘	English ⬍
Keywords ⊘	Packt

Search for sites

Name	Description	Language	Administrator	Operation
Packt Site	Packt Administration [3] Courses: 29 - Users: 122 - Enrolments: 150 - Resources: 36 - Posts: 12 - Questions: 5 - Average number of participants: 3.00 - Average number of course modules: 3.00 Registered: Saturday, 3 January 2015, 12:33 PM - Modified: Saturday, 3 January 2015, 12:33 PM - Privacy: Please do not publish this site - Contactable: No - Email: Yes	English (Germany)	Alex Büchner	Delete Trust Settings

Secret: 35da7d1ee496d88956b4089047238726 Mark as stolen

Appendix: Configuration Settings

```php
<?php  // Moodle configuration file

unset($CFG);
global $CFG;
$CFG = new stdClass();

$CFG->dbtype    = 'mysqli';
$CFG->dblibrary = 'native';
$CFG->dbhost    = 'localhost';
$CFG->dbname    = 'packt';
$CFG->dbuser    = 'packt';
$CFG->dbpass    = 'packt';
$CFG->prefix    = 'mdl_';
$CFG->dboptions = array (
  'dbpersist' => 0,
  'dbport' => '',
  'dbsocket' => '',
);

$CFG->wwwroot   = 'http://packt.ab.local';
$CFG->dataroot  = '/var/www/packtdata';
$CFG->admin     = 'admin';
//$CFG->debug    = 5;
$CFG->directorypermissions = 0777;
...
```

Config changes

Date ↑	First name / Surname	Plugin	Setting	New value	Original value
Monday, 25 August 2014, 9:50 AM	Alex Büchner	theme_essential	analyticsclean	1	
Monday, 25 August 2014, 5:25 AM	Alex Büchner	core	statsruntimestarthour	5	0
Monday, 25 August 2014, 5:25 AM	Alex Büchner	core	statsruntimestartminute	30	0
Thursday, 21 August 2014, 8:12 PM	Alex Büchner	logstore_database	dbuser	root	packt
Thursday, 21 August 2014, 8:12 PM	Alex Büchner	logstore_database	dbpass	********	********
Thursday, 21 August 2014, 8:10 PM	Alex Büchner	logstore_database	dbtable	packt_log	mdl_log

Export settings: select settings

▾ Preset settings

Name* | Backup

Comments

| ⊞ | A͟A ▾ | **B** | *I* | ☰ | ≣ | 🔗 | ⊗ | 🖼 |

Backup of my admin settings

Author | Alex Büchner

Auto exclude sensitive settings ☐

▾ Admin settings

⊞ ☑ Users
⊟ ☑ Courses
  ⊞ ☑ Backups
  ⊞ ☑ Course default settings
  ⊟ ☑ Course request
    ☑ Enable course requests

Yes

    ☑ Default category for course requests

Engineering

Debugging

Debug messages
Defined in config.php
debug

MINIMAL: Show only fatal errors ⏷

Default: NONE: Do not show any errors or warnings
If you turn this on, then PHP's error_reporting will be increased so that more warnings are printed. This is only useful for developers.

Display debug messages
Defined in config.php
debugdisplay

☑ Default: Yes
Set to on, the error reporting will go to the HTML page. This is practical, but breaks XHTML, JS, cookies and HTTP headers in general. Set to off, it will send the output to your server logs, allowing better debugging. The PHP setting error_log controls which log this goes to.