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MOODLE教學平台2.0之專屬功能

Moodle 2.0 官方時程表

- April 2010: Moodle 2.0 Beta release
- May, June 2010: intensive beta testing and bug fixing (freeze on new features)
- July 2010: Moodle 2.0 production release
- [Moodle 2.0 Planning Document](#)

Release Notes

■ API Changes


- Database layer changes - you will need to update your code.
- File handling changes - you will need to update your code.
- Rendering layer changes - should be mostly backwards compatible, but you are advised to upgrade your code.
- Require capability used to do an automatic `require_login`. It no longer does so. All pages must explicitly call `require_login` if they need it.
- Changes to the question type API

System requirements

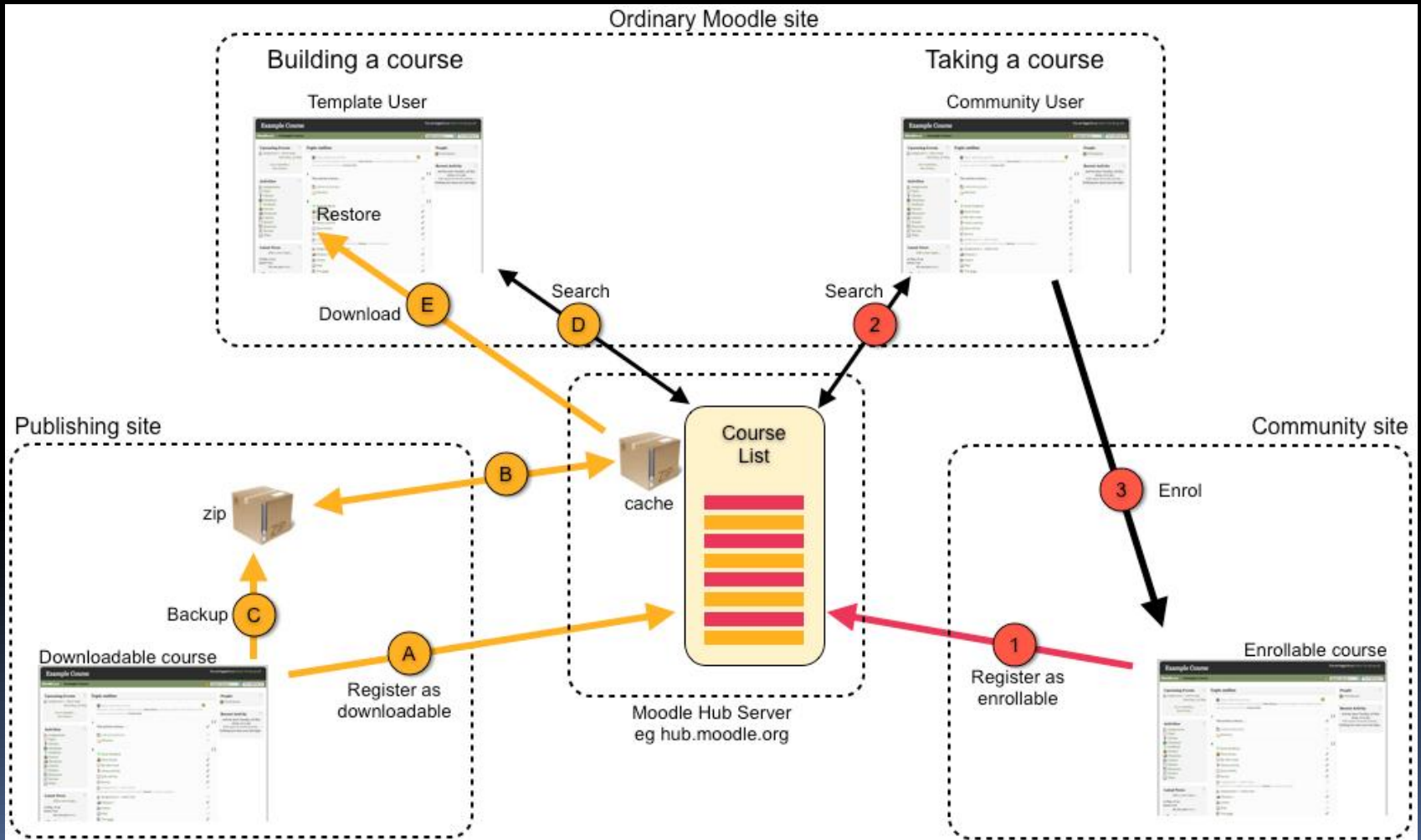
- PHP 5.2.8
- Databases should be one of the following
 - MySQL 5.0.25 or later (InnoDB storage engine highly recommended)
 - PostgreSQL 8.3 or later
 - Oracle 10.2 or later
 - MS SQL 2005 or later
- When upgrading to Moodle 2.0, you must have Moodle 1.9 or later



New Community features

- Community hub
 - Makes it easy for teachers to find other courses to download as templates for their own courses. It also makes it easier to find enrollable courses on other sites (either to join as a student or to participate in a community of practice).
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Community Hub



Overall appearance (1/2)

- New Blocks implementation
 - Blocks and page layouts are now implemented consistently and predictably on every page in Moodle, and can even be docked like menus.
- Output renderers
 - The engines that produce HTML and JS code have been completely re-written, so that Moodle's output is more consistent and efficient. Themers can now also modify any of the output if they choose to, without touching core code.
- Themes rewrite
 - The structure and design of themes has been rewritten for efficiency and flexibility. Unfortunately this means all themes need to be re-written for Moodle 2.0. To help you get started, Moodle 2.0 will ship with 20 brand-new standard themes designed to make Moodle look much nicer than ever before.

Overall appearance (2/2)

- Navigation improvements
 - Navigation is now implemented consistently in the navbar and in a Navigation block on every page. All settings are now always available in a settings block on every page. Themes can completely rewrite navigation if they require.
- HTML editor 2.0
 - Replaces our ageing HTML tool with a new one that works on more browsers, enforces XHTML strict and better integrates with the new File API
- General usability review
 - We've been attacking many of the most popular issues from the Moodle Tracker

File handling improvements

- File API
 - maintains an internal repository of files and governs access to them.
- Repository API
 - allows users to browse external repositories using a filepicker and select files to bring into Moodle (copy or link)
- Portfolio API
 - allows Moodle content to be captured and pushed out to external repositories.

File API Example

- Files are stored according to the SHA1 hash of their content
 - Suppose a file has SHA1 hash
081371cb102fa559e81993fddc230c79205232ce.
Then it will be stored in on disc as
moodledata/filedir/08/13/71/081371cb102fa559e81
993fddc230c79205232ce.

Repository API Example

Repository

- Local
- Moodle

- Briefcase
- Door
- Dspace
- Facebook
- Flickr
- Googledocs
- Mahara
- Merlot
- Myspace
- Ok!
- Skydrive
- Youtube

Add your own

Google Docs

Manage Google Docs

Login:

Password:

Repository

- Local
- Moodle

- Briefcase
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Add your own

Google Docs

search terms...

Manage Google Docs

Root > Folder 1 > Sub-folder 1_1

- ..
- basket_readme.avi 8Ko 22/05/2008 4:45PM
- readme.doc 2Ko 22/05/2008 4:45PM
- moodle_readme.txt 2Ko 22/05/2008 4:45PM

Course organisation

- Conditional activities
 - Allowing dependencies and forced paths through activities. That is, "You can't do this activity until that activity is completed".
- Course completion
 - Let teachers to specify conditions that define when a student has completed a course. Keep a record of which users have completed each course.
- Progress tracking (competency tracking)
 - Let users have learning plans listing which outcomes or courses should attempt next, based on which courses they have already completed.

Activity Setting Example

Restrict availability

Only available from 28 April 2010 Enable

Only available until end 28 April 2010 Enable

Grade condition (none) must be at least
% and less than
%

Activity completion condition (none) must be marked complete

Before activity is available Show activity greyed-out, with restriction information

Activity completion

Completion tracking Show activity as complete when conditions are met

Require view User must view activity

Expect completed on 28 April 2010 Enable

[Criteria](#) [Notifications](#)

CF101 Completion

Overall criteria type aggregation

Aggregation method:

Manual self completion

Student Enable

Manual completion by

Aggregation method: Non-editing teacher EnableTeacher EnableTutor EnableAdmin Enable

Activities completed

Aggregation method: Assignment – Lab 1 EnableAssignment – Lab 2 EnableAssignment – Lab 3 EnableAssignment – Lab 4 EnableAssignment – Written Assignment EnableAssignment – Extra Credit EnableForum – Course Topics EnableQuiz – Algebra pre-knowledge EnableQuiz – Geography pre-knowledge EnableQuiz – Limits EnableQuiz – The Derivative EnableQuiz – Applications of the Derivative EnableQuiz – The Definite Integral EnableResource – Mathematica Docs Enable

Course grade

Passing grade: Enable

Date

After specified date: Enable

Duration after enrolment

Duration: Enable

Unenrolment

Unenrolment: [? Moodle Docs for this page](#)

You are logged in as Admin User (Logout)

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First name / Surname	Activity completion										Course grade	Date passed	Period post-enrol	Unenrol	Self	Teacher	Course complete	Mark complete
	Quiz - Limits	Quiz - The Derivative	Quiz - Applications of the Derivative	Quiz - The Definite Integral	Quiz - Transcendental Functions	Forum - Course Topics	Resource - Mathematica Docs	Assignment - Lab 1	Assignment - Lab 2	Assignment - Lab 3								
Seth Adams	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓						<input type="checkbox"/>
Angela Brown	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓							<input type="checkbox"/>
Rae Burns	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	

- [Download in spreadsheet format \(UTF-8 .csv\)](#)
- [Download in Excel-compatible format \(.csv\)](#)

 [Moodle Docs for this page](#)

You are logged in as Admin User (Logout)

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Changes to activity modules

- Wiki 2.0
- Quiz module and question bank
 - Quiz report enhancements (especially regrading and item analysis)
 - Regular Expression question type added to the official Moodle distribution
- Resource module
- Workshop 2.0
- Lesson module

Administrative improvements

- Enrolments improvements including groups synchronisation
- Roles administration interface improvements
- Standard Web Services Layer
- Development: Site-wide groups
- Admin report plugins can choose where in the admin tree they get added

Assign role Example

Assign role 'Student' in Course: Moodle DEV ?

Existing users

Users in this Course (1)

學生 陳, [redacted]

◀ Add

Enrolment options ▼

Enrolment duration

Unlimited ▼

Starting from

Today (18/04/10) ▼

Remove ▶

Potential users

Potential users (2)

Admin User, [redacted]

老師 陳, [redacted]

Search

Clear

Search

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 user's name

Other major components

- Backup 2.0
- Development:Gradebook_improvements
- Blog 2.0
- Messaging 2.0
- Commenting API
- Secure RSS feeds
- IMS Common Cartridge (數位學習封裝標準)
- More tagging

Database control

- DB layer 2.0
 - increase security and some performance
- Ancient (pre 1.7) DB install/upgrade system removed
 - supporting only the new XML based database scheme introduced in 1.7

Plugins / modules

- Riffly - allows audio-only or audio-video recording inside the Moodle repositories
- Nanogong - allows audio-only recording inside the Moodle repositories
- 123flashchat module - integrate [123flaschat](#)
- Offline Moodle: Google Gears caching

相關網站

- Roadmap

- <http://docs.moodle.org/en/Roadmap>

- 數位學習討論園地

- https://eshare.moe.edu.tw/forums_list.php?forums_id=29