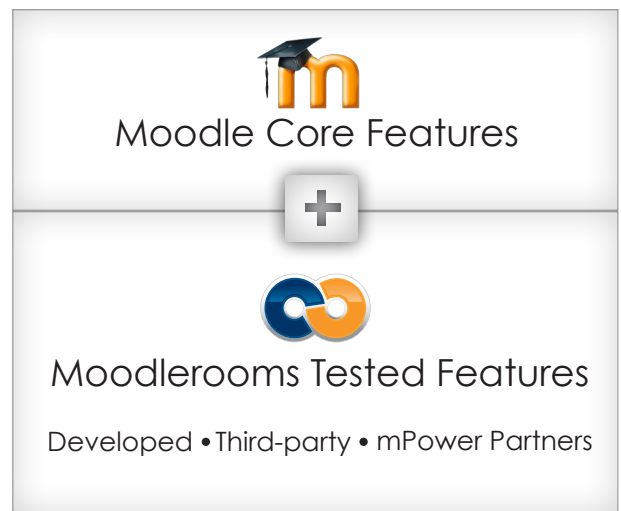# joule™ Available Features

Extend your learning management system with next-generation tools and features that provide unmatched functionality for your organization.

Extend Learning

Organizations using Moodlerooms' joule platform can expand functionality and enhance the delivery of content by enabling additional features.

Moodlerooms can enable the specific plug-ins and add-ons that you choose for your program during our implementation process. If you do not see a feature that you would like to include in your joule configuration, we will work with you to add it through our customization process.

Moodle Core Features

+

Moodlerooms Tested Features

Developed • Third-party • mPower Partners

Feature Formats:

Module:
A module is software that allows for user interaction through various resources and activities.

Block:
A block is software that provides users with access to information associated with a certain module.
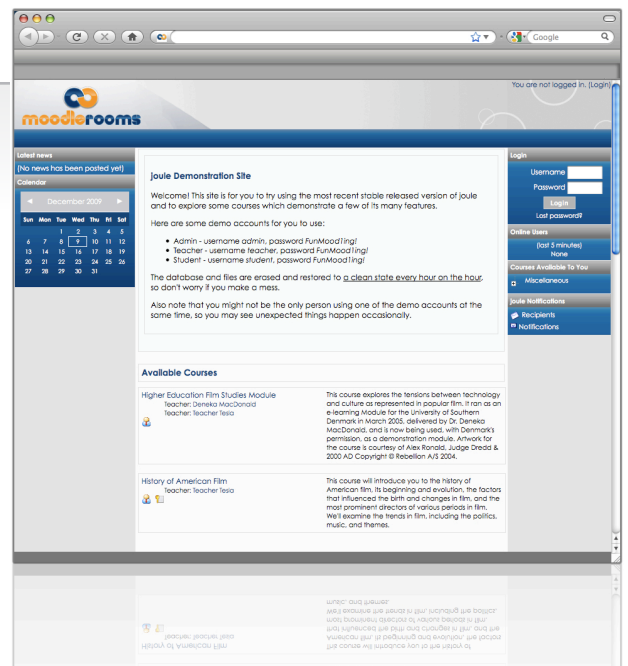
Authentication:
The authentication feature locates user names and checks for password validity before a user is logged in.

Enrollments:
Enrollment is the process used to assign users to courses.

Course formats:
Course formats allow authorized users to modify the layout and navigation of their courses.

Moodle Core Features

Moodle has a continuously evolving set of features that are contributed by a community of developers, impacted by other instructors and freely available through the Moodle community.

Moodle Core Features

Benefits of Moodle Core Elements

- Usability
- Interoperability
- Security
- Performance

Moodle Core Features continued

Blocks

Activities
Enables navigation between different activities available in a course (Forums, Quizzes, Assignments, Lesson module).

Administration
Links to administration tasks, such as Notifications, Users, Courses, Modules and Appearance.

Admin Bookmarks
Administrators can save frequently visited areas of the admin panel by bookmarking the page in this block.

Blog Menu
Provides links to add a new entry, view entries, blog preferences, view site entries and add/delete tags.

Blog Tags
A term associated with a blog entry that describes it and enables keyword-based classification of information for the purpose of retrieval.

Calendar Month
Displays site, course and group events in calendar format.

Calendar Upcoming
A calendar that displays a user's upcoming events.

Course List
Lists and enables navigation between all of the courses in which the logged in user is enrolled.

Glossary Random
Displays random entries from a glossary, which usually take the form of dictionary-style definitions.

HTML
A standard block used to add text or images to a site or course page using HTML.

Login
Allows a user to login with credentials from the front page of the site, rather then from a separate login page.

Mentees
Provides a user's mentor with quick access to user's profile page.

Messages
Displays a list of new messages received, with a link to the messages window.

MNET Hosts
Lists other Moodle or Mahara sites that are connected together with "Moodle" Net connection.

News Items
An updated list of the latest news items.

Online Users
Shows a list of users who are currently logged into a course.

Participants
A list of the instructors and users who make up a course.

Quiz Results
Displays the highest and/or lowest grades achieved on a quiz within a course.

Recent Activity
Lists recent course activity since the user last accessed the course.

RSS Client
Web feed formats used to publish and keep users informed of frequently updated work.

Search
Allows users to search all activity modules.

Search Forums
Allows users to search course forums for a particular word or phrase.

Section Links
Helps the user quickly navigate to a particular topic/week section.

Site Main Menu
Allows the site administrator to add resources and activities to the main page of the site.

Social Activities
Lists and allows navigation between the different activities available in a course.

Tags
Allows users to describe their interests in a way that is easy for people with similar interests to find them.

Tags flickr™
Displays flickr™ photos with the same tag words that are related to the tags on a page.

Tags YouTube™
Displays YouTube™ videos with the same tag words that are related to the tags on a page.

Authentication

CAS
Database
Email
IMAP
LDAP
Manual
MNET
Pop3

Enrollment

Authorize.NET
External Database
Flat File
LDAP
Manual
MNET

Course Formats

LAMS
SCORM
Social
Topics
Weeks
Weeks CSS

Moodlerooms Tested Features

Do more with your learning management system by enabling an advanced set of tools and features that are fully tested by Moodlerooms and made available exclusively through joule.

Take advantage of enhancements that have been developed and fully maintained by Moodlerooms' team. These developments are available through either the open-source community, the Moodlerooms community, or joule.

Available third-party plug-ins and add-ons allow for additional features to thrive in Moodlerooms' secure, reliable and scalable environment. Third-party support is provided by the Moodlerooms community and proprietary companies.

Our close partnerships allow for additional opportunities to enhance your site. Moodlerooms fully supports and regularly updates these integrations to ensure stability and compatibility with future version releases.

There are many additional benefits available to joule customers that provide them with the options they need to successfully boost their learning programs.

Moodlerooms Developed

We take great care to listen to the needs of our customers and have developed many features to meet those needs. We continue to come up with new tools and features to ensure the sustainability of your online learning program.

Third-Party

Take advantage of the powerful features available through third-party sources. Support is provided by the third party and may require a subscription.

mPower Partners

Strategic partnerships have been, and will continue to be, an enormous value in operating Moodlerooms. These partnerships make providing secure, reliable and scalable learning management solutions possible.

Moodlerooms Tested Features

Developed • Third-party • mPower Partners

Moodlerooms Tested Features

Moodlerooms Developed

To ensure the sustainability of your online learning program, Moodlerooms continues to develop new tools and features to meet your voiced needs. joule users have access to any of our available features and fully supported developments.

Moodlerooms Developed

Developed, tested and supported by Moodlerooms to meet the needs of our customers.

Modules	Blocks

Course Resource System
A supported range of resource types which instructors can add to their course sections.

Conduit
An advanced mapping tool for user authentication, course enrollment, and grades between the site and an SIS or ERP.

Course Categories
Displays a list of course types, and reveals all of the courses within that category.

Course Convert
Uploads course archive files to a staging area, converts them into joule archives, and then restores them to the site.

Course Management
Allows site administrators to schedule backup and restores of courses at non-peak usage times and allows site administrators to delete multiple courses at one time from one user interface.

Data Collectors
Extracts data from the site into optimized tables for the purpose of efficient reporting.

Google
Users are able to access Google Apps services from within joule (Google Docs, Google Calendar, and Gmail).

Gradebook Enrollment
Provides conditional enrollment into certain courses based on performance in other courses.

Invite
Allows instructors to invite a registered or non-registered user to access a course.

mPower
Allows administrators to easily edit themes without requiring CSS.

My Courses
Allows one-click access to a course's home page.

My Links
A collection of a user's most frequently visited links.

Notifications
Instructors can create notification alerts based on student interactions (or lack there of) within course activities.

Profile Redirect
Provides a way to send specific groups of learners directly into a specific course on login, bypassing the front page.

Question Tags
Adds the ability to tag questions with areas of knowledge for detailed reporting on the learner's quiz attempts.

Reports
Instructors can monitor student progress using these powerful reports, which indicate what participants are doing when and for how long.

Template
Institutions create customized alert letters that are available to the notification system.

Trouble Ticket
Allows users to notify site administrators of a problem with the site or a specific module or block, and allows instructors to add multiple types of trouble tickets to a page as either a link or a button.

Tybit Internet Search
A specialized search engine that can be configured within the course.

Moodlerooms Tested Features

Third Party

Take advantage of these powerful features available from our third party partners. Third-party support is provided separately by either the Moodlerooms community or proprietary companies. Some of these features may require subscriptions or licensing fees.

Open Source

Third-party features that have been developed and made available through the open-source community.

Modules

Assessment
A survey module that allows mapping to outcomes.

Attendance
Allows instructors to keep track of who is attending their course.

Book
Can be used to build complete book-like Web sites inside of a course.

Certificate
Creates PDF certificates/diplomas for students upon completion of a course.

Face-to-Face
Used to keep track of in-person sessions that require advance booking.

Feedback
Allows the creation of surveys to collect feedback from users.

Flashcard Module
A memory training device that uses the concept of repetition and presents the user with relationships to be memorized.

Game Module
Eight interactive games to make learning fun: Hangman, Crosswords, Cryptex, Millionaire, Sudoku, The Hidden Picture, Snakes and Ladders, and Book with Questions.

Lightbox Gallery
Apply various effects to image galleries created within a course.

Map (Google Maps)
Allows the creation of geographic maps to be used within courses. Can be used for student locations and other course content.

Mindmap
Used to organize and structure items arranged around a central key idea in order to help organization and idea generation in a course.

Podcast
An easy way to incorporate a series of audio files to be made available within a course.

Questionnaire
Allows users to complete online feedback style forms and create their own questionnaires using a variety of user input methods.

Sloodle
An integration with Second Life's virtual world. A course activity links the student into a virtual room where course activities can be represented visually with 3D.

Blocks

Activity Locking
Places conditional locks on all of the sequential activities in a course. Results of one activity can affect the visibility of another activity.

Add User
Allows an instructor to add users to the list of registered users as well as to the site.

Ajax Marking
Allows instructors to view and complete all grading and marking without leaving the page they are on.

Announcement
Displays a general announcement within a course.

Attendance
Students view their attendance records with this block while instructors take attendance, report on attendance or change attendance settings.

Class List
A quick list view of all of the course members.

Course Complete
Provides a way to create elements within a course that signals its completion.

Moodlerooms Tested Features

Third Party continued

Open Source continued

Third-party features that have been developed and made available through the open-source community.

Blocks

eMail List
Provides a list of all users' e-mail addresses within a course.

Exabis ePortfolio
Enables portfolio work for students across courses building up and using their individual category-system.

Face-to-Face
Quick access to keep track of in-person trainings.

Form Maker
Allows an administrator without technical skills to create an HTML form and control its submissions.

Participant Pix
Displays icons of course or group members.

QuickMail
A mail composition text area that allows instructors to select a specific subset of students to send a message to.

Sloodle Menu
Provides an easy way to view Second Life actions and events from within the course.

Task List
Allows users to create a check list of tasks they have yet to accomplish.

Authentication

Auth Upload File
Invite User Auth
* Luminous Message Broker

Enrollment

Invite
* Luminous Message Broker

Proprietary

These features are provided through third-party companies and may require a subscription.

Modules

* DimDim
An open-source Web meeting product that allows instructors to show presentations, applications and desktops to any other person over the Internet.

* Elluminate
Provides Web conferencing and tools for collaborative, synchronous learning. Allows course activities to schedule and link to Elluminate sessions.

* SP Resources
Integrates McGraw Hill protected content into a course.

* TurnItIn Assignment
Integrates grading and plagiarism scans from iParadigm.

* Wimba
Provides Web conferencing and synchronous tools and creates course activities that link to the tools.
Wimba Live Classroom
Wimba Pronto Module
Wimba Voice Tools

* WizIQ
Provides synchronous tools that integrate with course activities.

Blocks

* Elluminate
Provides quick access to upcoming Elluminate events.

* iTunes University
Links to resource items stored in the instructor's iTunesU repository.

* Wimba
Provides quick view access to events and synchronous events within Wimba.
Wimba Pronto Block

* WizIQ
Provides a public view of live classes on the schedule.

Authentication

* Google Authentication

Enrollment

* Oracle SAIP
* Profile Enrollment

* Requires a Subscription or Fee

Moodlerooms Tested Features

mPower Partners

Moodlerooms' mPower Program allows joule clients to extend functionality with a vast array of tools and services provided by a growing list of participating partners. All mPower plug-ins are thoroughly tested to ensure stability and reliability. We also fully support and maintain all integrations for a seamless fit within joule.

EQUELLA
The Learning Edge Group

Included as part of joule, EQUELLA is an award-winning digital repository that allows instructors to "discover" the highest quality learning objects available to them using rating, tagging and federated search functionalities. They can also classify and search for learning objects by standards, ensuring alignment to outcomes and assessments.

eFolioWorld

An included feature of joule, eFolio allows individual users to create their own personal Web site that serves as a living showcase of their education, work and personal achievements.

iParadigms
Turnitin

Clients with Turnitin subscriptions have the capability to manage assignments using Turnitin, the world's leading plagiarism prevention service, directly within a course in joule. Turnitin helps ensure students are aware of and held to the highest standards regarding proper research and citation.

Grademark

Clients with GradeMark subscriptions have the capability to manage assignments using GradeMark, a digital mark-up and grading tool, directly within a course in joule. GradeMark provides a rich set of tools for clear mark-ups, custom feedback and standardized rubrics.

Dell

Moodlerooms partners with Dell to provide reliable on-site hosting options.

AMVONET

This integration gives users access to AMVONET Connect™ Lite, a synchronous presentation tool. Using AMVONET, users can review and discuss course materials in real time via chat, and share content and ideas using AMVONET's interactive white board. Organizations can upgrade to a paid subscription to allow students to interact via Web-based video and to record classes for later playback.

Datatel

Moodlerooms and Datatel have established an exclusive partnership to integrate learning management functionality with enterprise resource planning. This partnership combines joule with Datatel's Colleague ERP system to give institutions a more complete view of their students.

WebEx
Cisco

Moodlerooms, in collaboration with Cisco, has developed an exclusive integration that enables users to create, facilitate, record and track WebEx sessions entirely within joule. The Cisco WebEx Training Center subscription allows for meetings or class sessions to be facilitated not only by voice through phone conferencing, but also face-to-face through video conferencing, displaying up to six Web cams at one time.