

Configurable Reports is a 3rd party plugin that functions as a block. The block expands Moodles reporting capability by allowing the creation of custom reports from a template system or custom written SQL code. Here is some information on how to use the configurable reports.

To add a report

Reports can exist at the site level or course level. To create a report go to the front page or enter a course and follow the steps listed.

Add a report

- Turn editing on
- From the add a block area select “Configurable Reports”
- When the block is added to the page click manage reports

The screenshot shows the Moodle front page interface. On the left, there are panels for 'Main menu', 'Navigation', and 'Settings'. The 'Settings' panel includes options like 'Turn editing off', 'Edit settings', 'Users', 'Filters', 'Backup', 'Restore', 'Questions', 'My profile settings', and 'Site administration'. The main content area shows 'Courses' with a list of course categories and titles, and a search bar. On the right, there are panels for 'Calendar', 'People', and 'Configurable Reports'. The 'Configurable Reports' panel has a 'Manage reports' link. A green arrow points to this link with the text 'Manage reports'. Below it, the 'Add a block' panel is visible, with a dropdown menu showing 'Add...'. A green arrow points to this dropdown with the text 'Add block'. At the top right, it says 'You are logged in as Admin User (Logout)'. At the bottom, it says 'You are logged in as Admin User (Logout)' and the Moodle logo is centered.

Click "Add report"

The screenshot displays the Moodle Reports page. At the top left, there are logos for LAMBDA SOLUTIONS and moodle partner. The top right shows the user is logged in as Admin User. The page header includes 'Moodle community' and 'Moodle company'. Below the header, there is a breadcrumb trail: 'Home > Reports'. On the left side, there is a navigation menu with sections for 'Navigation', 'Settings', and 'My profile settings'. The 'Settings' section is expanded to show 'Site administration' with various sub-items like Notifications, Registration, Advanced features, Users, Courses, Grades, Location, Language, Plugins, Security, Appearance, Front page, Server, Networking, Reports, and Development. A search box is located at the bottom of the settings menu. The main content area shows 'No reports available' with a blue 'Add report' button. A green arrow points from the text 'Add report' to this button. Below this, there is an 'Import report' form with a 'File*' field containing a 'Choose a file...' button and a 'No files attached' message. An 'Import report' button is at the bottom of the form. A red error message states 'There are required fields in this form marked*.'. To the right of the main content is an 'Add a block' section with a dropdown menu. At the bottom of the page, there is a link to 'Moodle Docs for this page', the user login information 'You are logged in as Admin User (Logout)', and a 'Home' button.

Fill in a name, summary, type, and pagination. Check off if ordering is enabled by JavaScript and if the report is exportable as ODS and XLS formats. For this example Type of report is Courses report, pagination 0, and ordering, exporting for ODS and XLS are checked off.

Report Types

- Courses reports, with information regarding courses.
- Categories reports, with information regarding categories. A courses report can be embedded in this type of report.
- Users reports, with information regarding users and their activity in a course.
- Timeline reports, this is a special type of report that displays a timeline. A course or user report can be embedded in this timeline showing data depending on the start and end time of the current row.
- Custom SQL Reports, custom SQL queries.

For Pagination

Number of records to show in each page. Zero means no pagination.

The screenshot shows the Moodle report configuration interface. At the top, there are logos for LAMBDA SOLUTIONS and moodle partner, and a user login status: "You are logged in as Admin User (Logout)". Below the logos is a breadcrumb trail: "Moodle community Moodle company Home Manage reports Report".

The main content area is divided into several sections:

- Navigation**: A sidebar with icons for navigation.
- Settings**: A sidebar with a search bar and a list of settings categories including "My profile settings", "Site administration", "Notifications", "Registration", "Advanced features", "Users", "Courses", "Grades", "Location", "Language", "Plugins", "Security", "Appearance", "Front page", "Server", "Networking", "Reports", "Development", and "Question engine upgrade helper".
- General**: The main configuration area for the report.
 - Name***: "Course Enrolled User"
 - Summary**: A rich text editor containing the text: "This report displays how many enrolled users there are for the Instructor and Student role in each course." Below the editor is a "Path" field with the value "p".
 - Type of report**: "Courses report" (dropdown menu)
 - Pagination**: "0" (dropdown menu)
 - Ordering**: "Enable JavaScript ordering"
- Export options**:
 - "Export in ODS format"
 - "Export in XLS format"
- Buttons**: "Add" and "Cancel" buttons.

At the bottom of the configuration area, there is a red error message: "There are required fields in this form marked*." Below this, there is a link for "Moodle Docs for this page" and another user login status: "You are logged in as Admin User (Logout)". At the very bottom, there is a "Home" button.

The Next step is to add columns which are the different fields or pieces of information being reported on. For the example Course field is selected then > fullname > name: Courses

- Add more columns for the number of users with role > teacher > name: Instructors
- Add more columns for number of users with role > student > name: Students

Choose a type of data to report

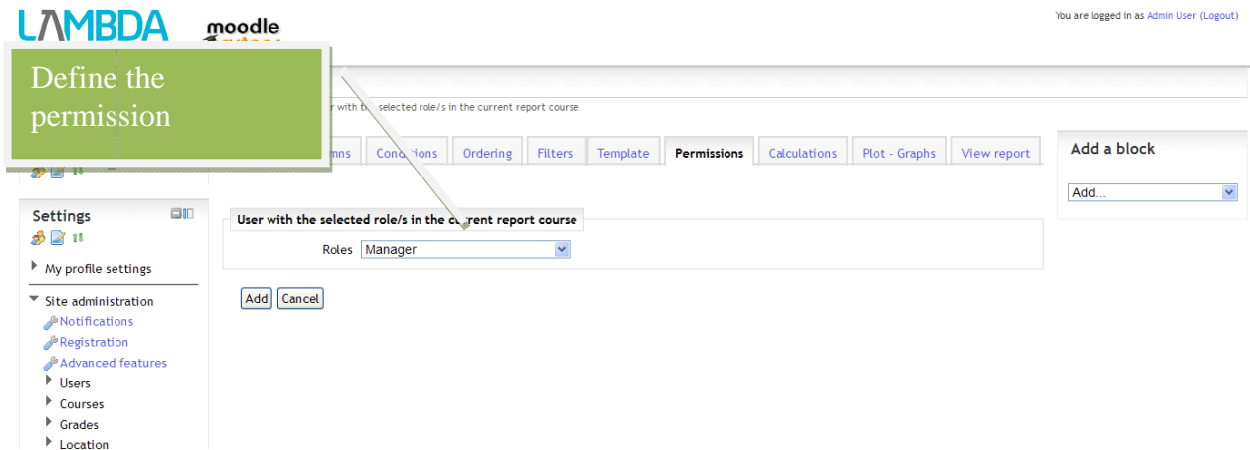
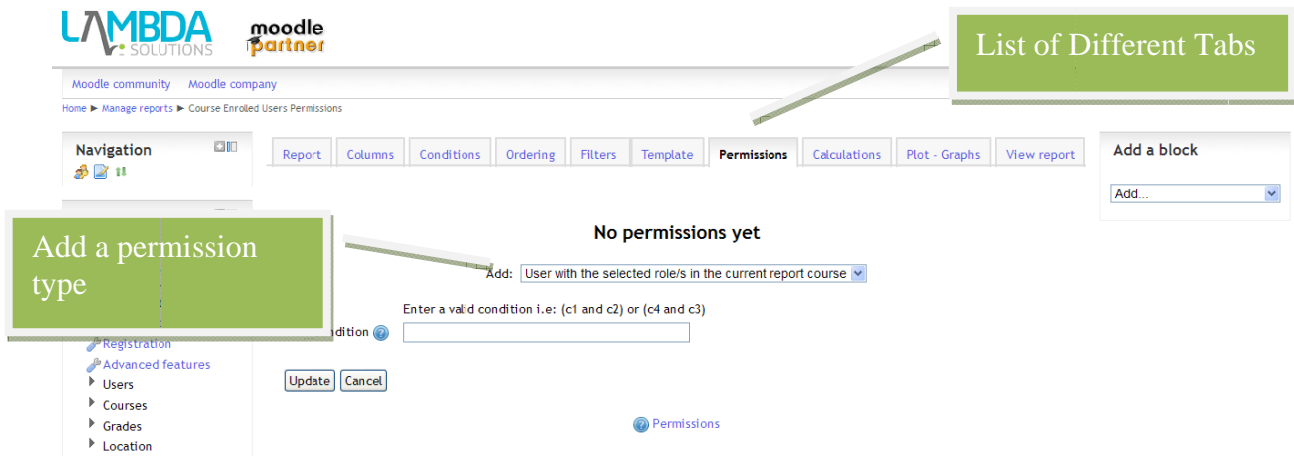
From the data type choose an available field

List of columns (data) in the report

List of columns (data) in the report

Number	Name	Summary	Edit
c1	course field	Courses	
c2	Number of users with role...	Instructors	
c3	Number of users with role...	Students	

- **Conditions tab:** Here you can define the conditions (i.e. only courses from this category, only users from Spain, etc. You can add a logical expression if you are using more than one condition.
- **Ordering tab:** Here you can choose how to order the report using fields and directions
- **Filters tab:** Here you can choose which filters will be displayed. A filter lets a user to choose columns from the report to filter the report results.
- **Template tab:** You can modify the report's layout by creating a template. For creating a template see the replacement marks you can use in header, footer and for each report record using the help buttons or the information displayed in the same page.
- **Permissions tab:** Here you can choose who can view a report. You can add a logical expression to calculate the final permission if you are using more than one condition.



- **Calculations tab:** here you can add calculations for columns, i.e: average of number of users enrolled in courses
For this example average was selected > Instructors and another calculation of Average > Students

- **Plot – Graphs tab:** Here you can add graphs to your report based on the report columns and values. For the example pie was selected > name: Courses value: students

- **View report tab:** is the area to go and view the results of the report.

Courses	Instructors	Students
ENGLx2 - Travel Writing	0	1
Excel Basics 100	1	2
ING Course	1	6
Introduction to Excel	1	2
Introduction to Moodle	0	0
Marketing 300	0	4
Moodle Demo 210	0	0
Power Point Basics	1	0
Weekly Sales Course	0	1
Word Processing 100	1	2