

2021 - All about



Collabora Online

Moodle Integration

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Online

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Moodle

- The world's most popular learning management system
- Learning platform designed with a single robust, secure and integrated system
- Integrates Collabora Online for seamless document editing
- Collaborative editing with access controls, permissions

Collaborative editing on text documents, presentations & spreadsheets in Moodle

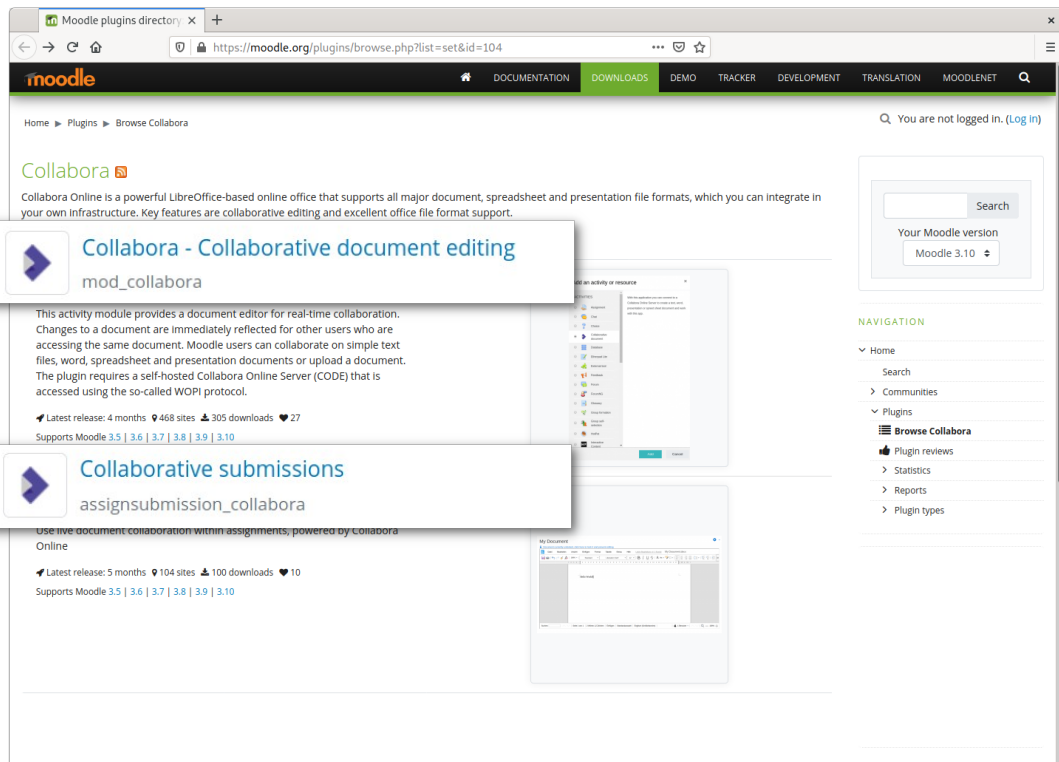
The collage illustrates the integration of Collabora Online into Moodle for collaborative editing. It shows four different document types being edited within a Moodle course environment:

- Spreadsheet:** A screenshot of a Moodle course page for 'Psychology' showing a sidebar menu and a spreadsheet titled 'Experiences in Close Relationships Scale'.
- Document:** A screenshot of a Moodle course page for 'Psychology' showing a sidebar menu and a document titled 'Modern perspectives on Cognitive Psychology'.
- Text Document:** A screenshot of a Moodle course page for 'Psychology' showing a sidebar menu and a document titled 'Description and debate'.
- Presentation:** A screenshot of a Moodle course page for 'Psychology' showing a sidebar menu and a presentation titled 'Modern Perspectives on COGNITIVE PSYCHOLOGY'.

At the bottom right, there are three icons representing the document types: a purple 'T' for Text, a green 'S' for Spreadsheet, and a red 'P' for Presentation.

The screenshot displays a Moodle LMS interface for a course titled "Psychology". The course is structured into a "Description and debate" section. The main content area shows a heading "Cognitive psychology" followed by a paragraph of text. The text discusses the scientific study of mental processes, mentioning terms like "memory", "perception", "creativity", and "reasoning". It also mentions the origin of cognitive psychology in the 1960s, influenced by a break from behaviorism. The text is partially obscured by a right-hand sidebar. This sidebar contains a list of course topics: "Topic 2", "Topic 3", "Topic 4", and "Cognitive Psychology". Below this list are links to "Dashboard", "Site home", "Calendar", "Private files", "Content bank", and "My courses". The top navigation bar includes a "Description and debate" tab, a "collaboramoodle" logo, and a user profile for "Bella Teacher". A right-hand sidebar shows a list of course topics and a "Cognitive Psychology" section. A top navigation bar includes "Dashboard", "Site home", "Calendar", "Private files", "Content bank", and "My courses". A right-hand sidebar shows a list of course topics and a "Cognitive Psychology" section.

Two plug-ins integrating collaborative documents to Moodle...



Plug-in 1: *mod_collabora*

Activity module providing a document editor for real-time collaboration.

Plug-in 2: *assignsubmission_collabora*

Use live document collaboration within assignments, powered by Collabora Online

Easy to Install

Products ▾ Support ▾ Integrations ▾ Pricing ▾ Partners ▾ Community ▾ About ▾ English ▾

Contact

CODE-Install and Test

CODE is a continuously updated, rolling release where we try out our latest feature work. So it allows you to work with the latest and greatest features in online collaboration earlier than the supported version Collabora Online. Of course, we love to hear about your experiences. Please leave your feedback on CODE in the [community forum](#) or report any possible issues on [GitHub](#). Find details on the latest update in the [release notes](#).

Getting Collabora Online Development Edition set up

Get it at the Univention App Center

The easiest way to install CODE for a quick tryout is to download it as a virtual appliance from the [Univention App Center](#). This appliance contains the Collabora Online Development Edition, and the additional software you need to get you up and running in minutes. You can choose between two types of integration, **CODE + Nextcloud** or **CODE + ownCloud**. Each appliance is available in four formats: **KVM**, **VirtualBox**, **VMware Workstation** and **VMware ESXi**.

Grab CODE docker image from Docker Hub

The collabora/code Docker image can be installed to any x86-64 or arm64 host (e.g. on Linux and Windows 10), and it is fully configurable. For more information about setup and configuration for deployment, please read the [CODE Docker page](#). If you want to try it out quickly, you can set up CODE docker image with file sharing integration in less than 5 minutes in a very basic way, following these instructions: [quick tryout with ownCloud](#) or [quick tryout with Nextcloud](#).

Packages for Linux

As an alternative to Docker image, Collabora provide native Linux packages for selected Linux distributions. If you have Debian 9, Debian 10, Ubuntu 16.04, Ubuntu 18.04, Ubuntu 20.04, CentOS 7, CentOS 8, SLE 15.x, openSUSE Leap 15.x or ARM64 - Ubuntu 18.04, please read the [CODE Linux packages page](#).

Source code ... get involved

Grab the source and get involved with [CODE Development](#).

Easy to configure: one mandatory setting

Collabora Moodle

[Dashboard](#) / [Site administration](#) / [Plugins](#) / [Activity modules](#) / [Collaborative document](#)

Blocks editing on

Collaborative document

Collabora URL Default: Empty
mod_collabora | url

Default format Default: Wordprocessor document
mod_collabora | defaultformat

Default display Default: Current tab
mod_collabora | defaultdisplay

Default display name Default: Yes
mod_collabora | defaultdisplayname

Default display description Default: Yes
mod_collabora | defaultdisplaydescription

Save changes

Admin bookmarks

[Bookmark this page](#)

Thank you for the work:

The source code is available on GitHub:

https://github.com/learnweb/moodle-mod_collabora

https://github.com/learnweb/moodle-assignsubmission_collabora

The heroic team of visionaries:

Michael Wuttke of the *University of Applied Sciences Berlin*,

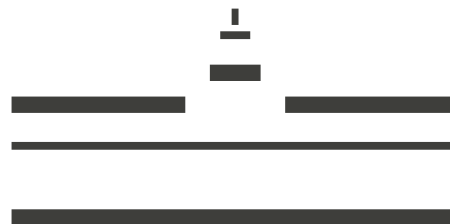
Jan Dageförde of *University of Münster*,

Davo Smith from *Synergy Learning*,

Andreas Grabs from *Grabs EDV-Beratung*.



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MÜNSTER

@ Ashod Nakashian, Moodle Integration 2021

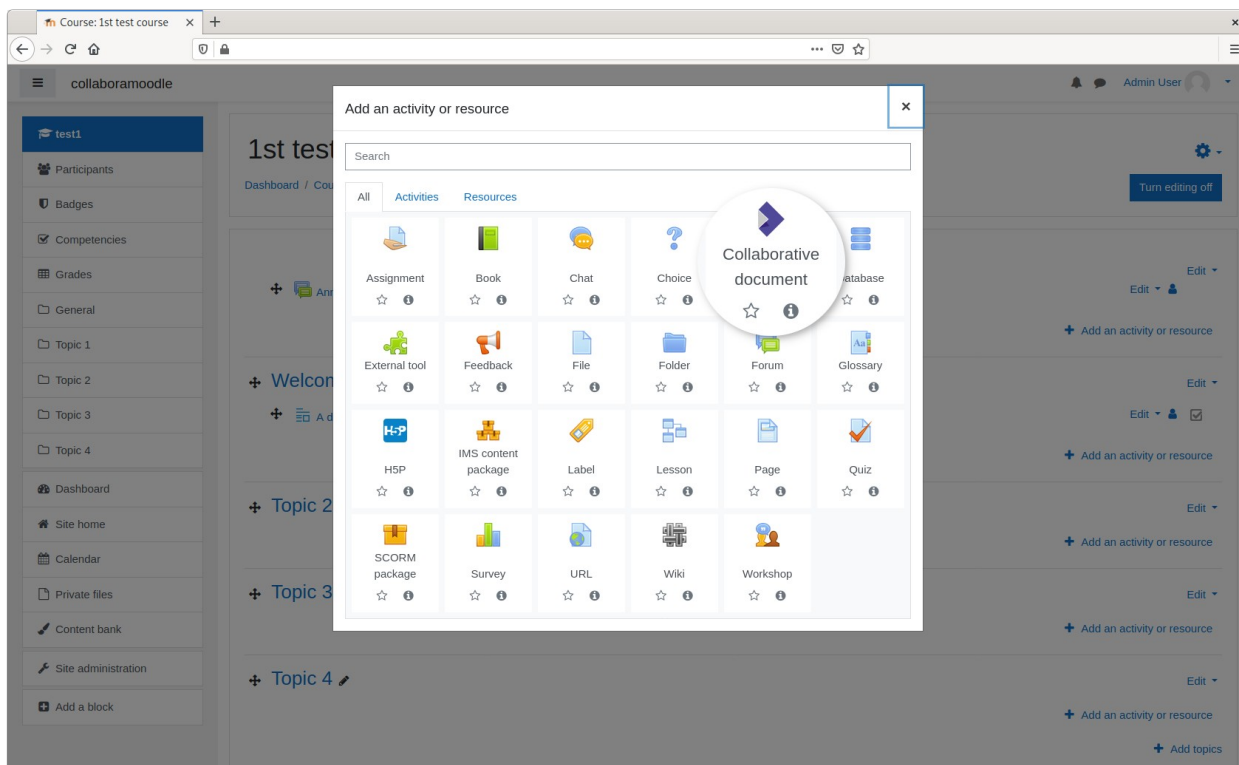
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Configuring the Plugins

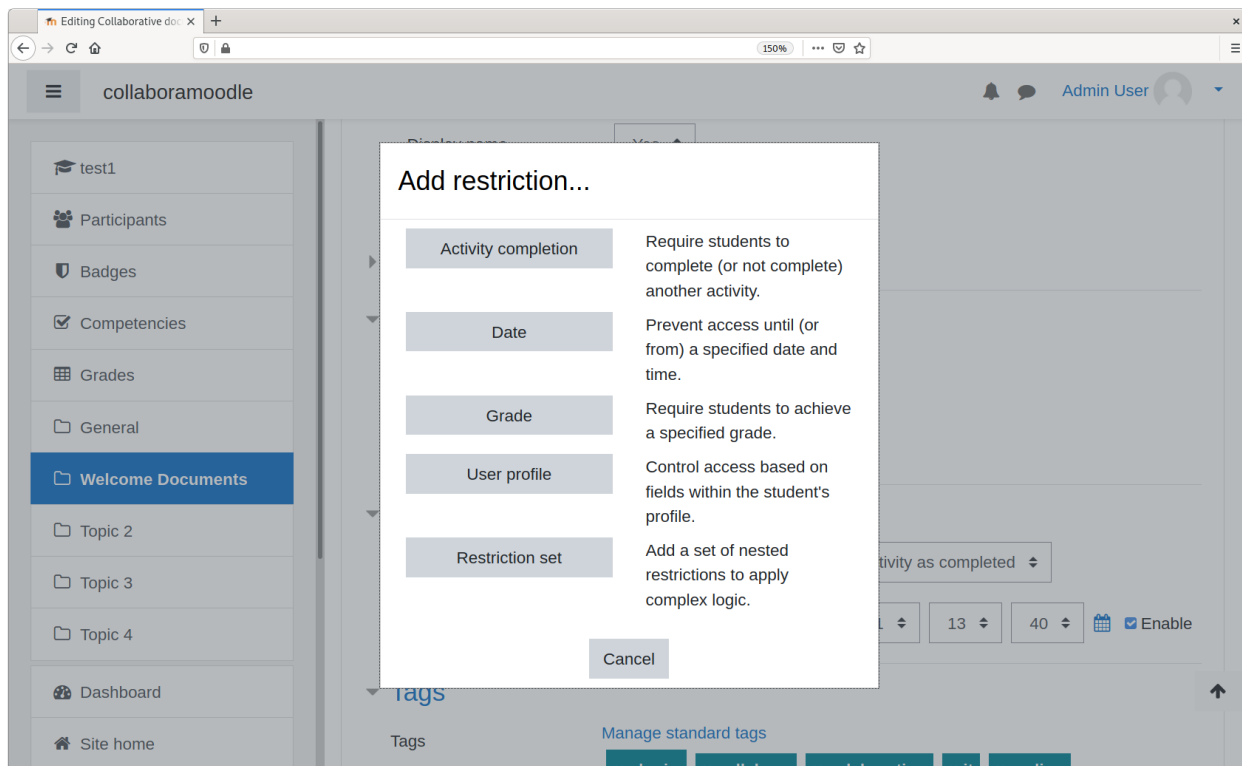
a quick overview

mod_collabora: Add collaborative document as activity...



Add collaborative documents as easy as you would add any other activity to your course

mod_collabora: Add restrictions to collaborative documents



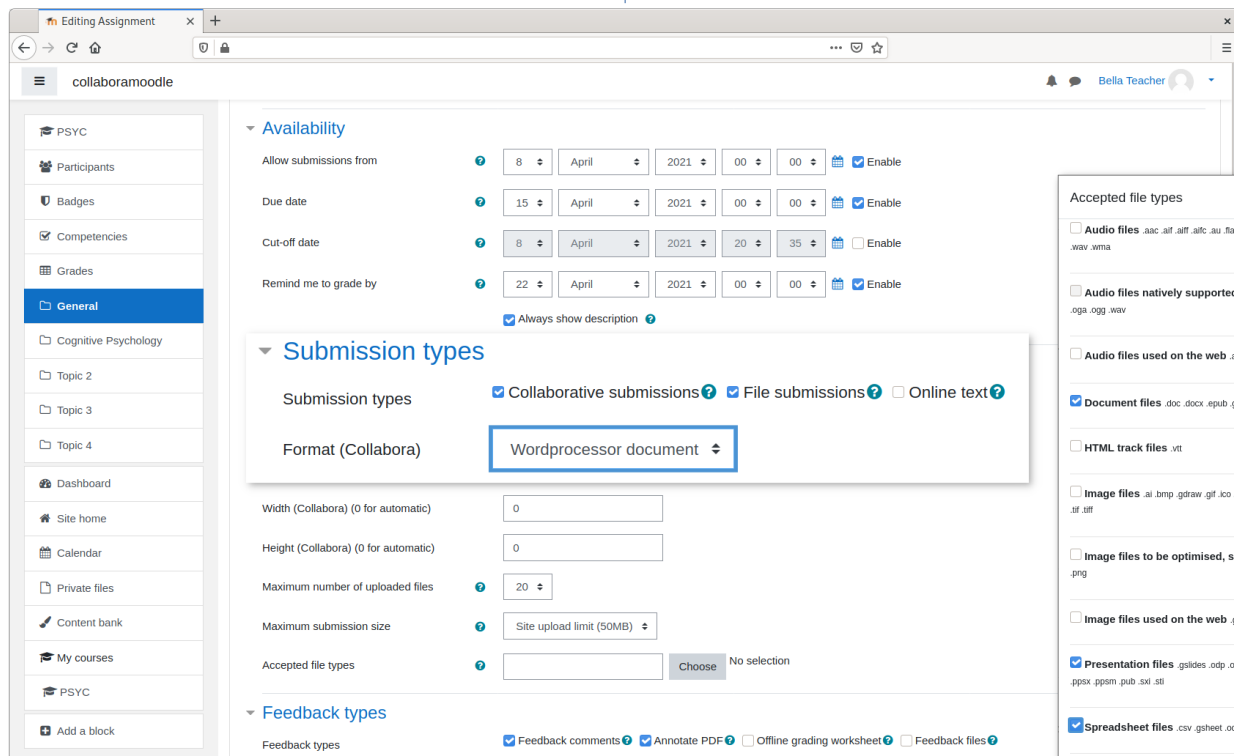
Restrictions for activity completion, date, grades or fields of the students profile can be added to collaborative documents

mod_collabora: Locking collaborative documents

The screenshot shows a web browser window displaying a Moodle course page. The course is 'PSYC' and the user is 'Bella Teacher'. The page title is 'Psychology'. A blue callout box with a lock icon and the text 'Document currently unlocked, click here to lock it and prevent editing' points to a lock icon in the top right corner of the document editor. The document content is a Wikipedia-style article about 'Cognitive psychology'.

Collaborative documents can also be locked by admins & teachers to prevent editing.

assignsubmission_collabora: Adding collaborative documents to assignments



Editing Assignment x +

collaboramoodle

PSYC

Participants

Badges

Competencies

Grades

General

Cognitive Psychology

Topic 2

Topic 3

Topic 4

Dashboard

Site home

Calendar

Private files

Content bank

My courses

PSYC

Add a block

Availability

Allow submissions from 8 April 2021 00:00 Enable

Due date 15 April 2021 00:00 Enable

Cut-off date 8 April 2021 20:35 Enable

Remind me to grade by 22 April 2021 00:00 Enable

Always show description

Submission types

Submission types ☒ Collaborative submissions ☒ File submissions ☐ Online text

Format (Collabora) Wordprocessor document

Width (Collabora) (0 for automatic) 0

Height (Collabora) (0 for automatic) 0

Maximum number of uploaded files 20

Maximum submission size Site upload limit (50MB)

Accepted file types Choose No selection

Feedback types

Feedback types ☒ Feedback comments ☒ Annotate PDF ☐ Offline grading worksheet ☐ Feedback files

Accepted file types

☐ Audio files .aac .aiff .alif .aifc .au .flac .m3u .mp3 .m4a .oga .ogg .ra .ram .rm .wav .wma Expand

☐ Audio files natively supported by browsers .aac .flac .mp3 .m4a .oga .ogg .wav Expand

☐ Audio files used on the web .aac .flac .mp3 .m4a .oga .ogg .ra .wav Expand

☒ Document files .doc .docx .epub .gdoc .odt .ott .oth .pdf .rtf Expand

☐ HTML track files .vtt Expand

☐ Image files .ai .bmp .draw .gif .ico .jpe .jpeg .jpg .pict .pic .pict .png .svg .svgz .tif .tiff Expand

☐ Image files to be optimised, such as badges .gif .jpe .jpeg .jpg .png Expand

☐ Image files used on the web .gif .jpe .jpeg .jpg .png .svg .svgz Expand

☒ Presentation files .gslides .odp .otp .pps .ppt .pptx .pptm .potx .potm .ppam .ppsx .ppsm .pub .xsl .xslx Expand

☒ Spreadsheet files .csv .gsheet .ods .ots .xls .xlsx .xlsm Expand

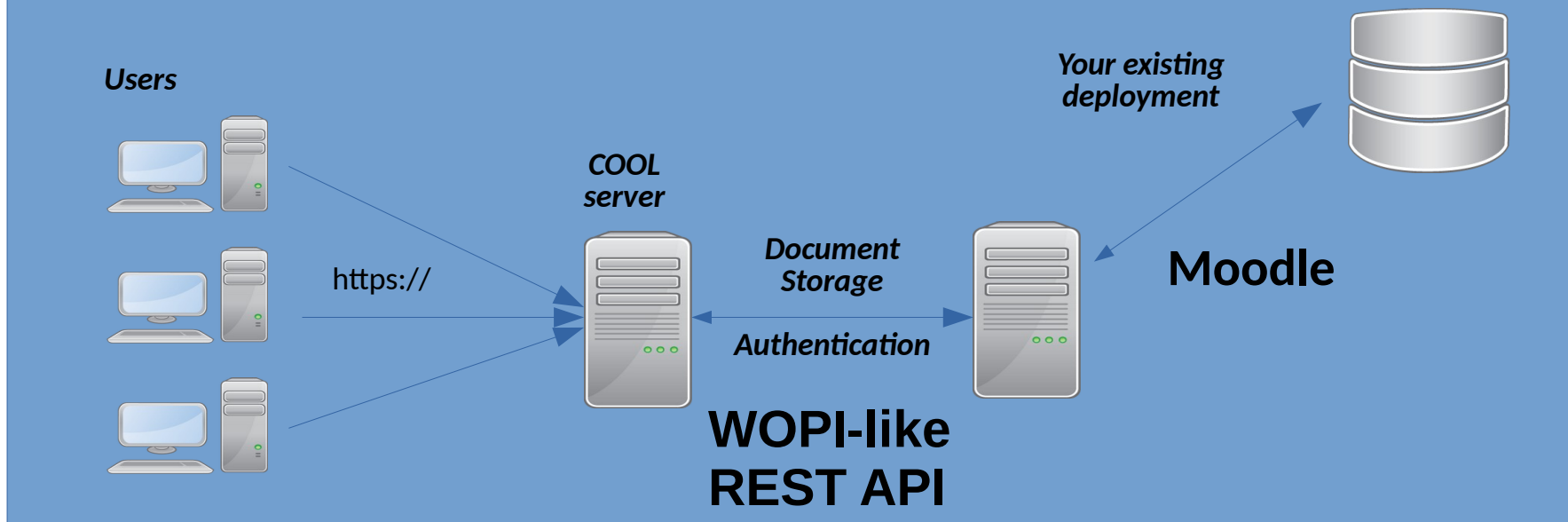
Save changes Cancel

Enable submissions of collaborative documents in assignments.

Define accepted file types and much more.

COOL: a state-less drop-in ~micro-service

Document data is loaded / stored directly back to Moodle
Authentication is managed by Moodle; trivial to install



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Thanks !



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