

Kaltura LMS Video for Moodle installation guide

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 This article is designated for administrators.

About

This guide explains how to install the Kaltura LMS Video integration version 4.2.6, which is compatible with Moodle versions 3.x, 4.x, and 5.0+.

Before you start

- A Kaltura account:
 - Partner ID (PID)
 - Admin secret
- An LMS Video instance URL, e.g., <https://12345.kaf.kaltura.com>
- Minimum Moodle version 3.x

Installation background

- The Kaltura LMS Video Package includes:
- Local plugin for configuration and the Kaltura PHP client library (local/kaltura)
- My Media plugin to display users' personal media repository (local/mymedia)
- Video assignment module
- Video resource module
- Filter plugin to embed Kaltura videos in rich-text fields



The **Atto text editor** and its related Kaltura plugin were removed in **Moodle 5.0** and are not supported in newer versions.

Installation process

1. Download the latest Kaltura LMS Video package to your Moodle root directory from [here](#).
2. Unzip the package.
3. Browse to the Moodle home screen and click **Continue** to begin installation.

Installation - Moodle 2.6.2 (Build: 20140310)

Moodle 2.6.2 (Build: 20140310)

For information about this version of Moodle, please see the online [Release Notes](#)

Server checks

Name	Information	Report	Status
php_extension	xmlrpc	① should be installed and enabled for best results The xmlrpc extension is needed for huo communication, and useful for web services and Moodle networking	Check
php_setting	opcache.enable	① PHP setting should be changed. PHP opcache caching improves performance and lowers memory requirements. OPcache extension is recommended and fully supported	Check
urlcode		① must be installed and enabled	✓
database	mysql	① version 5.1.33 is required and you are running 5.5.16	✓
php		① version 5.3.3 is required and you are running 5.3.9	✓
php_extension	pdo_mysql	① should be installed and enabled for best results	✓
php_extension	iconv	① must be installed and enabled	✓
php_extension	mbstring	① should be installed and enabled for best results	✓
php_extension	curl	① must be installed and enabled	✓
php_extension	openssl	① should be installed and enabled for best results	✓
php_extension	tokenizer	① should be installed and enabled for best results	✓
php_extension	soap	① should be installed and enabled for best results	✓
php_extension	ctype	① must be installed and enabled	✓
php_extension	zip	① must be installed and enabled	✓
php_extension	zlib	① should be installed and enabled for best results	✓
php_extension	gd	① must be installed and enabled	✓
php_extension	simplexml	① must be installed and enabled	✓
php_extension	spl	① must be installed and enabled	✓
php_extension	pcr	① must be installed and enabled	✓
php_extension	dom	① must be installed and enabled	✓
php_extension	xml	① must be installed and enabled	✓
php_extension	intl	① should be installed and enabled for best results	✓
php_extension	json	① must be installed and enabled	✓
php_extension	hash	① must be installed and enabled	✓
php_setting	memory_limit	① recommended setting detected	✓
php_setting	safe_mode	① recommended setting detected	✓
php_setting	file_uploads	① recommended setting detected	✓

Your server environment meets all minimum requirements.

[Continue](#)

Installation is processed. When finished, the **Continue** button is displayed.

Success

tinymce_moodleimage

Success

tinymce_moodlemmedia

Success

tinymce_moodlenolink

Success

tinymce_pdw

Success

tinymce_spellchecker

Success

tinymce_wrap

Success

local_kaltura

Success

local_kalturamedia gallery

Success

local_mymedia

Success

[Continue](#)

4. Complete setup fields as prompted and click **Continue**.

Installation

New settings - Front page settings

Full site name (required)

Short name for site (eg single word) (required)

Front page summary (summary)

Paragraph

Path: p

This summary can be displayed on the front page using the course/site summary block or by including a topic section on the front page

New settings - Manage authentication

Self registration (registration) Default: 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.

5. Click **Save changes**.

Configure Kaltura package libraries

1. Navigate to: **Site administration > Plugins > Local plugins > Kaltura package libraries**
2. Enter the following:
 - **KAF URI:** Format is `[Instance ID]-<your KAF URL>` (e.g., 12345-)
 - **Server URI:** Typically `www.kaltura.com` (for most use cases, this should not need to change)
 - **Partner ID:** The PID can be found on [Integration settings](#) page in the KMC.
 - **Admin secret:** This is an alphanumeric string used for integrations and can be found on the [Integration settings](#) page in the KMC.
 - **Enable trace logging:** Checked

When finished, the Kaltura Package Libraries page should look similar to the following:

Kaltura package libraries

KAF configuration

<http://1688742-4.kaf.kaltura.com/admin>

KAF URI
local_kaltura | kaf_uri

1688742-4.kaf.kaltura.com

Default: Empty

Type in the server URI of your KAF instance.

Server URI
local_kaltura | uri

www.kaltura.com

Default: www.kaltura.com

Type in the server URI you want to connect to. Otherwise just type in the default settings (This setting is used for migration purposes).

Partner id
local_kaltura | partner_id

1688742

Default: Empty

Enter the partner id for your account.

Admin secret
local_kaltura | adminsecret

[Masked]

Default: Empty

Enter the admin secret for your account.

Enable trace logging
local_kaltura | enable_logging

☒ Default: No

If enabled, all requests and responses to and from Kaltura are logged. These logs can be used by Kaltura support to diagnose any problems encountered. Enabling this setting may affect Moodle performance. You may download a CSV file of the logs from [here](#).

Save changes

Set up the filter plugin

1. Navigate to **Site administration > Plugins > Filters > Manage filters**.
2. Enable the **Kaltura Media** filter and click the settings link.
3. Ensure that **Embed Kaltura Video Links** is checked.

[Home](#) ▶ [Site administration](#) ▶ [Plugins](#) ▶ [Filters](#) ▶ [Kaltura Media](#)

Kaltura Media

Embed Kaltura Video Links ☒ Default: Yes

filter_kaltura_enable

Convert Kaltura video links to embed code

4. Click **Save**.

Set up the Atto text editor (Moodle 3.x-4.x only)



This section applies only to Moodle 3.x and 4.x. The Atto text editor was removed in Moodle 5.0.

To add the Kaltura embed button to the Atto text editor

1. Go to **Site administration > Plugins > Text editors > Atto HTML editor > Atto toolbar settings**.
2. Under **Toolbar config**, add “**kalturamedia**” to any of the button groups. :

Toolbar config
editor_atto | toolbar

```
files = image, media, managefiles, kalturamedia
style2 = underline, strike, subscript, superscript
align = align
indent = indent
insert = equation, charmap, table, clear
undo = undo
accessibility = accessibilitychecker, accessibilityhelper
other = html
```

The “Embed Kaltura Video” is added to the Atto editor.

Description



My Media setup

No setup is required for My Media. Users can find My Media under the My Home menu.

To configure navigation:

1. Go to: **Site administration > Appearance > Navigation**
2. Select **Site** under "Default home page for users".

Moodle Customer Training

Dashboard > Site administration > Appearance > Navigation

NAVIGATION

Dashboard

- Site home
- Site pages
- My courses
 - TC
 - CT
 - Courses

ADMINISTRATION

Site administration

- Notifications
- Registration
- Advanced features
 - Users
 - Courses
 - Grades
 - Competencies
 - Badges
 - Location
 - Language
 - Plugins
 - Security
 - Appearance
 - Themes
 - Logos
 - Calendar
 - Blog
 - Navigation

Navigation

Default home page for users Default: Dashboard
defaulthomepage
This determines the home page for logged in users

Allow guest access to Dashboard ☒ Default: Yes
allowguestmymoodle
If enabled guests can access Dashboard, otherwise guests

Show course full names ☐ Default: No
navshowfullcoursenames
If enabled, course full names will be used in the navigation

Show course categories ☒ Default: Yes
navshowcategories
Show course categories in the navigation bar and navigation under my courses without categories.

Show my course categories ☐ Default: No
navshowmycoursecategories
If enabled courses in the users my courses branch will be

Show all courses ☒ Default: No
navshowallcourses
This setting determines whether users who are enrolled in courses in which they are enrolled).

Sort my courses Default: Sort order
navsortmycoursesort
This determines whether courses are listed under My courses and categories) or alphabetically by course setting.

Course limit Default: 20
navcourselimit
Limits the number of courses shown to the user when the

Use site name for site pages ☐ Default: No

3. Click **Save changes**.

Boost theme support

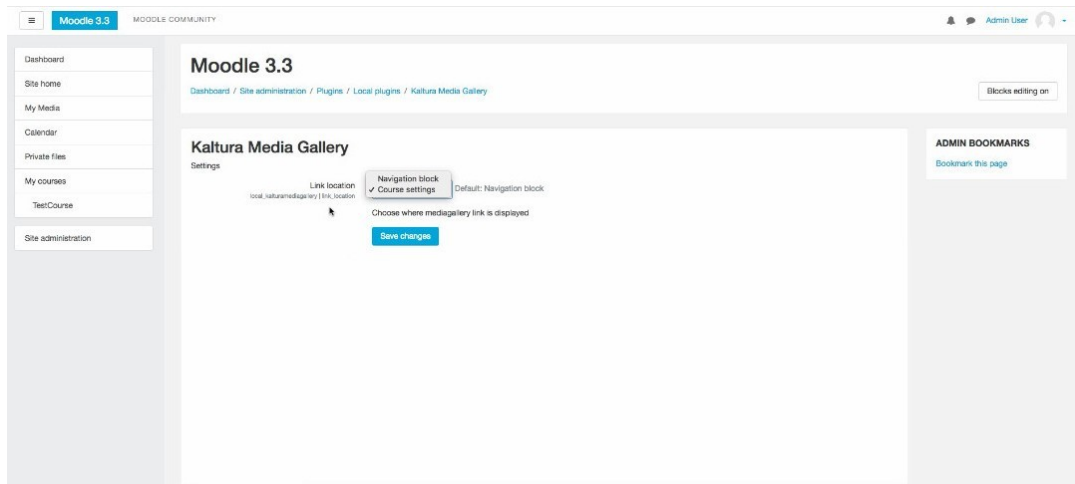
The Boost theme may not have the 'Navigation' tab. The Kaltura Media Gallery will be available in other locations.

You can determine where to place the Kaltura Media Gallery link. The link may be in one of the following locations:

- Navigation block
- Course settings menu

To add the link to Kaltura Media Gallery:

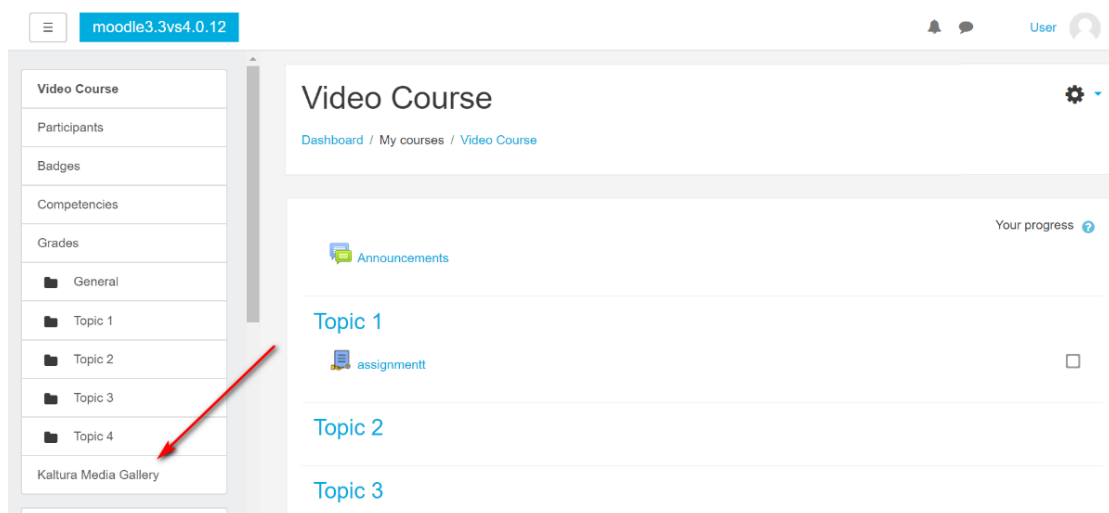
1. Go to **Site administration > Plugins > Local Plugins > Kaltura Media Gallery**.



2. Select where you want the Kaltura Media Gallery link to appear.

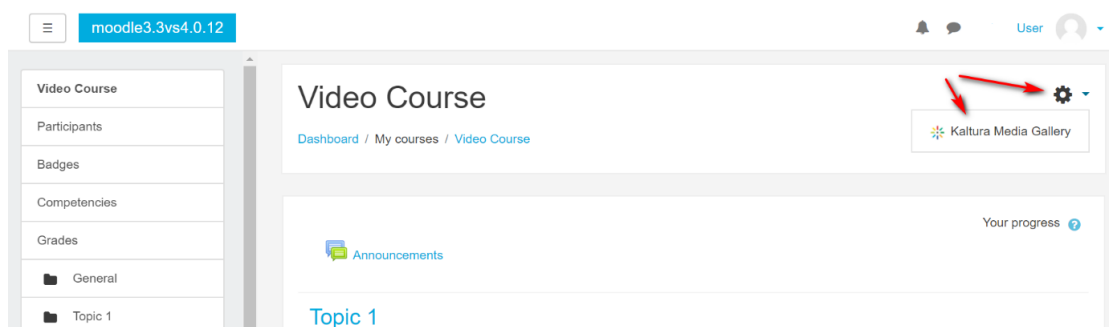
Navigation block

Select Navigation block for the link to appear on the left Navigation block.



Course setting menu

Select Course settings for the link to appear on the course Admin settings menu:

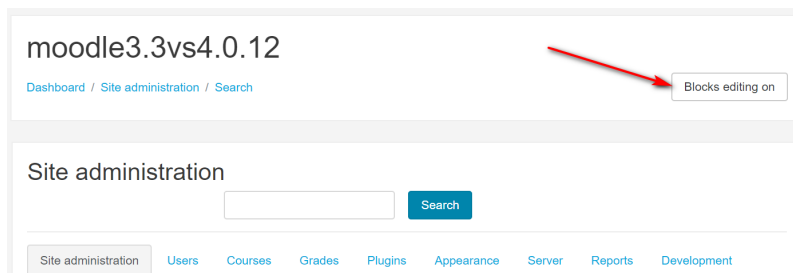


The default display is in the Navigation block.

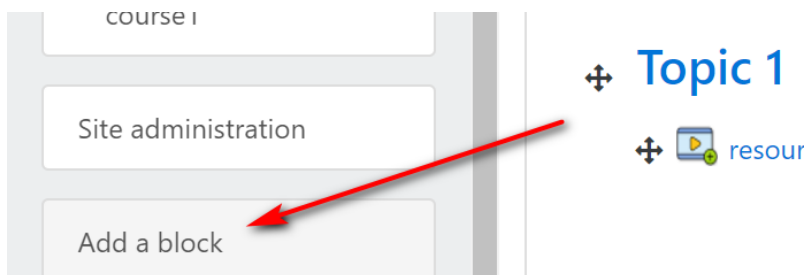
Adding a block

If you have permissions to add blocks to a course, you can add the Kaltura Media Gallery Block. The link to the Kaltura Media Gallery will be added to the course side pane.

1. Navigate to the site administration.
2. Turn editing on.



3. Navigate to a course, and locate the **Add a block** button.



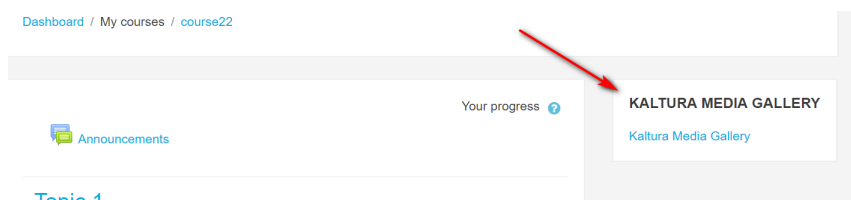
4. Under the list of blocks, choose the Kaltura Media Gallery.

Add a block

Activities
Activity results
Admin bookmarks
Administration
Blog menu
Blog tags
Calendar
Comments
Community finder

Courses
Course/site summary
Feedback
Global search
HTML
Kaltura Media Gallery
Latest announcements
Latest badges

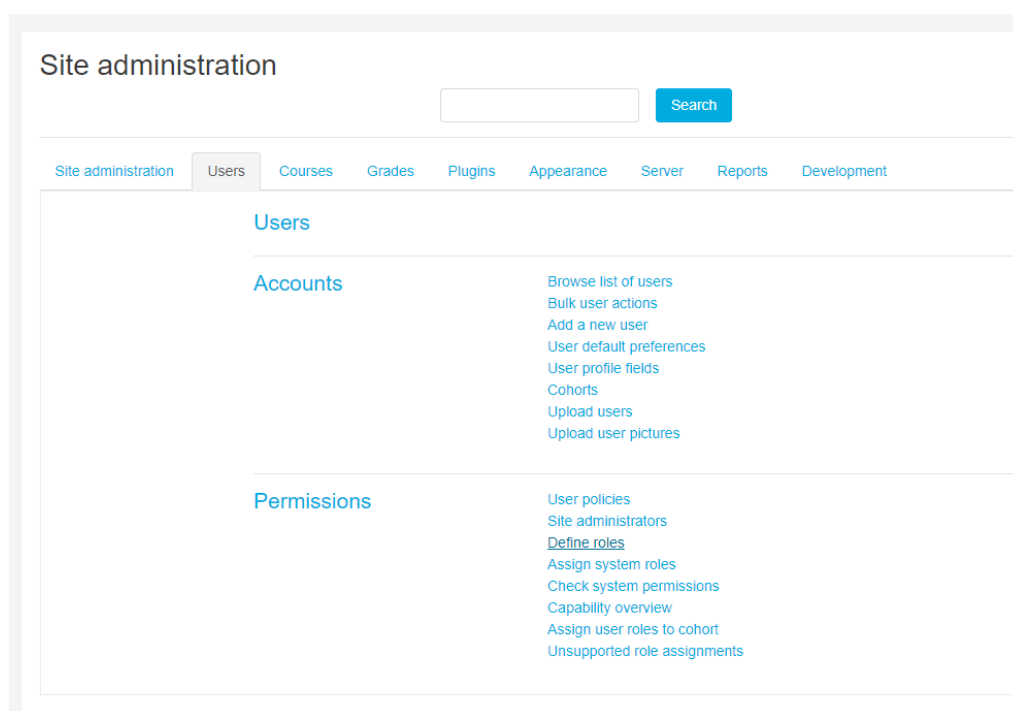
The results after adding the Kaltura Media Gallery block are as follows:



Roles and permissions

This section provides information on how to set roles and permissions for users to use the Kaltura features.

1. Go to **Site Administration > Users > Permissions > Define Roles**.



2. A list of all standard and custom roles is displayed.
3. Select the role to edit and click the gear icon.
4. Use CTRL+F to search for "Kaltura" (there are a several permissions related to the Kaltura extension)
5. Set each permission to **Allow**.

Dashboard / Site administration / Users / Permissions / Define roles

Manage roles	Allow role assignments	Allow role overrides	Allow role switches
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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	↑ ⚙️ 🗑️

Add a new role

Available permissions

The following lists the available features/permissions:

- Block: Kaltura Media Gallery
 - Add a new Kaltura Media Gallery block to Dashboard
- Kaltura package libraries (recommended for admins only)
 - Download Kaltura trace logs
 - Migrate Kaltura Data
- Kaltura Media Gallery
 - View Kaltura Media Gallery
- Activity: Kaltura Media Assignment
 - Add a Kaltura Media Assignment
- Activity: Kaltura Video Resource
 - Add a Kaltura Video Resource
- Activity: Kaltura Media Assignment
 - Grade video submissions
 - Submit videos
- Block: Kaltura Media Gallery
 - Add a new Kaltura Media Gallery block
- My Media
 - View My Media page

View report gradereport/singleview:view	<input type="checkbox"/> Allow	!
Grade report: User report View your own grade report gradereport/user:view	<input checked="" type="checkbox"/> Allow	!
Kaltura Media Gallery View Kaltura Media Gallery local/kalturamediagallery:view	<input checked="" type="checkbox"/> Allow	
Activity: Assignment Add a new assignment mod/assign:addinstance	<input type="checkbox"/> Allow	⚠
Activity: Assignment 2.2 (Disabled) Add a new assignment mod/assignment:addinstance	<input type="checkbox"/> Allow	⚠
Activity: Book Add a new book mod/book:addinstance	<input type="checkbox"/> Allow	⚠
Activity: Chat Add a new chat mod/chat:addinstance	<input type="checkbox"/> Allow	⚠

Next steps

To complete your Kaltura deployment, please see [Kaltura Video Quiz Moodle Gradebook Integration with LTI 1.3 Deployment Guide](#).