

# Kaltura LMS integration for Moodle installation guide

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This document details the steps required to install the Kaltura Video Package 4.2.6 for Moodle 3.0 and later. If you are upgrading from Kaltura Video Package 3.0, follow the instructions in the [Kaltura Video Package 4.2.6 for Moodle 3.x Upgrade Guide](#).

## Prerequisites

- A Kaltura account:
  - Partner ID (“pid”), e.g.,
  - Admin secret, e.g.,
- A Kaltura Application Framework (KAF) instance URL, e.g.,  
<https://12345.kaf.kaltura.com>
- Minimum Moodle version 3.x

## Installation Background

- Local plug-in used to:
  - Store configuration data and the Kaltura PHP client library (local/kaltura)
  - Display the user's My Media repository (local/mymedia)
- Video assignment module, equivalent to the video assignment type for the Kaltura plug-in for Moodle 3.x
- Video resource module, equivalent to the video resource type for the Kaltura plug-in for Moodle 3.x
- Filter plug-in, used to display Kaltura video embed inside rich-text markups

## Installation Process

To install the Kaltura Video Package 4.2.6

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

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	xmhttpc	① should be installed and enabled for best results	Check
php_setting	opcache.enable	① must be installed and enabled The opcache extension is needed for full communication, and useful for web services and Moodle networking	Check
unicode		① must be installed and enabled	✓
database	mysql	① version 5.1.33 is required and you are running 5.5.16	✓
php	pdo	① should be installed and enabled for best results	✓
php_extension	iconv	① should be installed and enabled for best results	✓
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	zlib	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	gmp	① must be installed and enabled	✓
php_extension	dom	① must be installed and enabled	✓
php_extension	intl	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\_moodlemedia

Success

tinymce\_moodlenolink

Success

tinymce\_pdw

Success

tinymce\_spellchecker

Success

tinymce\_wrap

Success

local\_kaltura

Success

local\_kalturamediagallery

Success

local\_mymedia

Success

[Continue](#)

#### 4. Fill in the relevant information and click Continue.

Installation

### New settings - Front page settings

Full site name (Moodle (KAF))

Short name for site (log single word) (Moodle (KAF))

Front page 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 (Disable) Default: Disabled

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.

[Save changes](#)

#### 5. Click 'Save changes'.

#### 6. Enter the Kaltura credentials (or verify that they were entered correctly) by going to the "Site Administration" area. Then go to the "Plugins" tab. Next, scroll down to the "Local plugins" section. Click "Kaltura package libraries". Enter the following

information:

7.

- a. KAF URI: It should have the format [Instance ID]-kaf.kaltura.com. For example, 12345.kaf.kaltura.com. NOTE: Do not include an ending "/".
- b. Server URI: By default this should be www.kaltura.com . For most use cases, this should not need to change.
- c. Partner id: This is your Kaltura account number also referred to as a Partner ID (PID). The PID can be found on the [Integration Settings page of the Kaltura Management Console](#). For more information, see [Integration Settings](#).
- d. Admin secret: This is an alphanumeric string used for integrations. The admin secret can be found on the Integration Settings page of the Kaltura Management Console. For more information, see [Integration Settings](#).
- e. 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

To set up the filter plug in

1. After the installation is complete, navigate to Plug-ins > Filters > Manage Filters. Enable the Kaltura Media filter and click the Settings link.
2. Ensure that Embed Kaltura Video Links is checked. If not, check it.

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

### Kaltura Media

**Embed Kaltura Video Links** ☒ Default: Yes  
filter\_kaltura\_enable

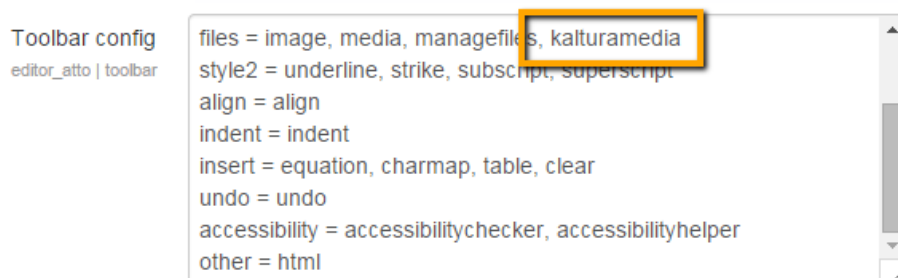
Convert Kaltura video links to embed code

3. Click Save.

## Adding the Atto Text Editor

To add the Kaltura embed button to the Atto text editor (Moodle 3.x)

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



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



## My Media

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

1. Login as administrator.
2. Go to Site administration > Appearance > Navigation.
3. 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 gues

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

Show course categories ☒ Default: Yes  
navshowcategories  
Show course categories in the navigation bar and navigat under mycourses 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 cou 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

4. Click Save changes.

## Boost Theme Support

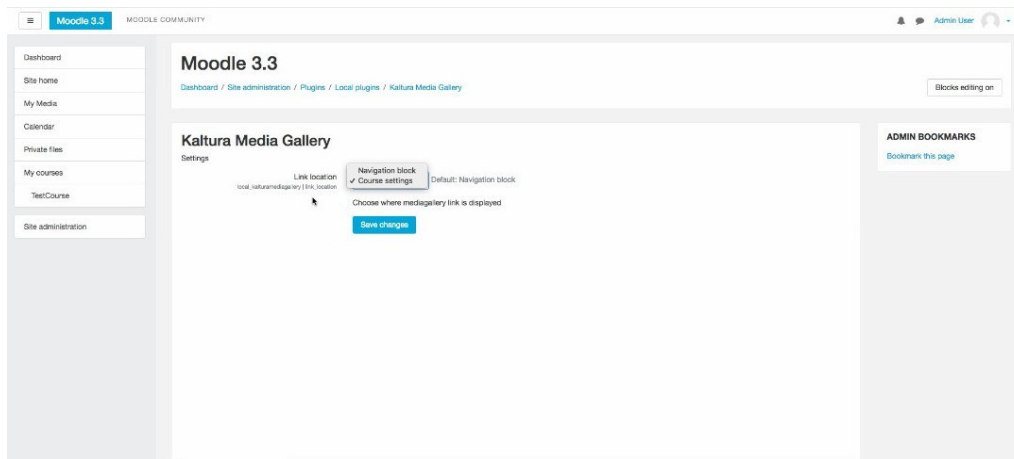
The Boost theme may not have the 'Navigation' tab. The Kaltura Media Gallery will be available in other locations.

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

- Navigation Block
- Course setting menu

To add the link to Kaltura Media Gallery

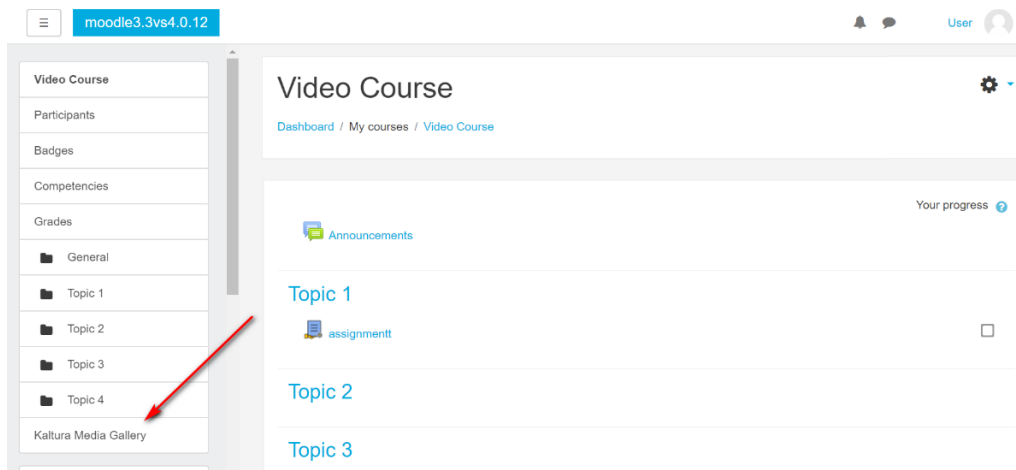
1. Login as administrator.
2. Go to Site administration > Plugins > Local Plugins and select Kaltura Media Gallery.



3. Select where you want the Kaltura Media Gallery link to display.

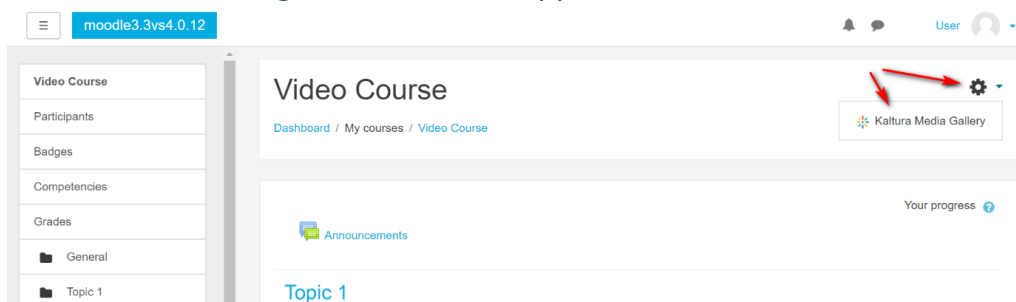
## Navigation Block

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.

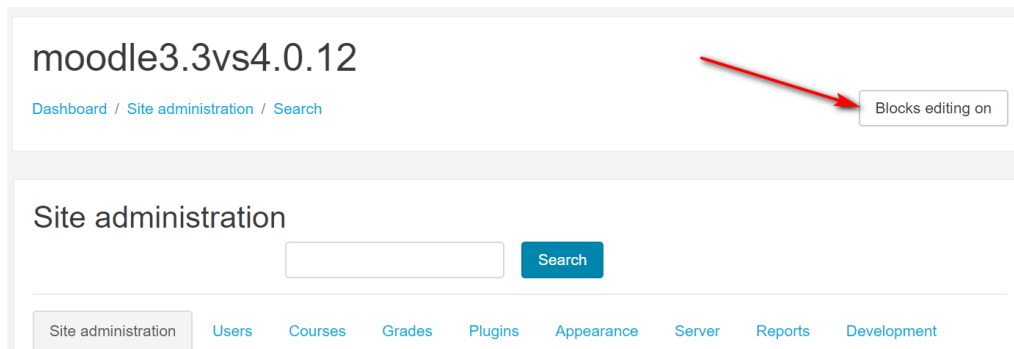
## Adding a Block

If you have permissions to add blocks to a course, you can add the Kaltura Media

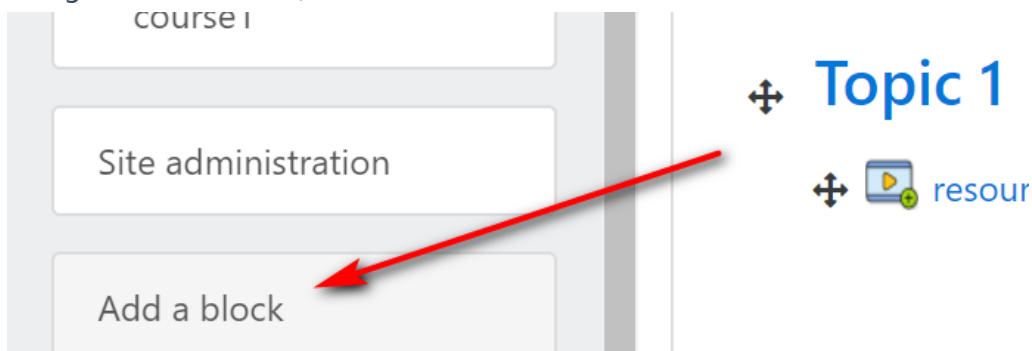
Gallery Block. The link to the Kaltura Media Gallery will be added to the course side pane.

To add the Kaltura Media Gallery block

1. Navigate to the site administration.
2. Click Blocks 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.

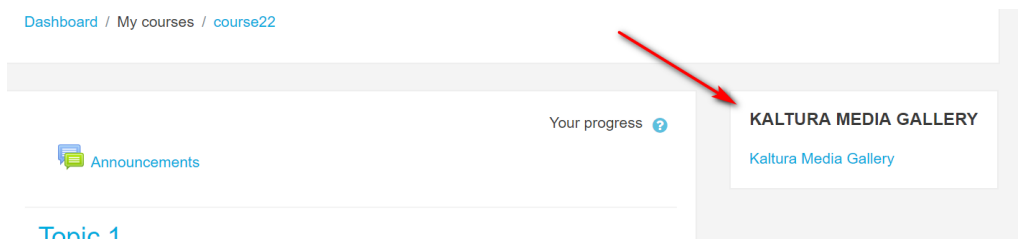
Add a block

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:



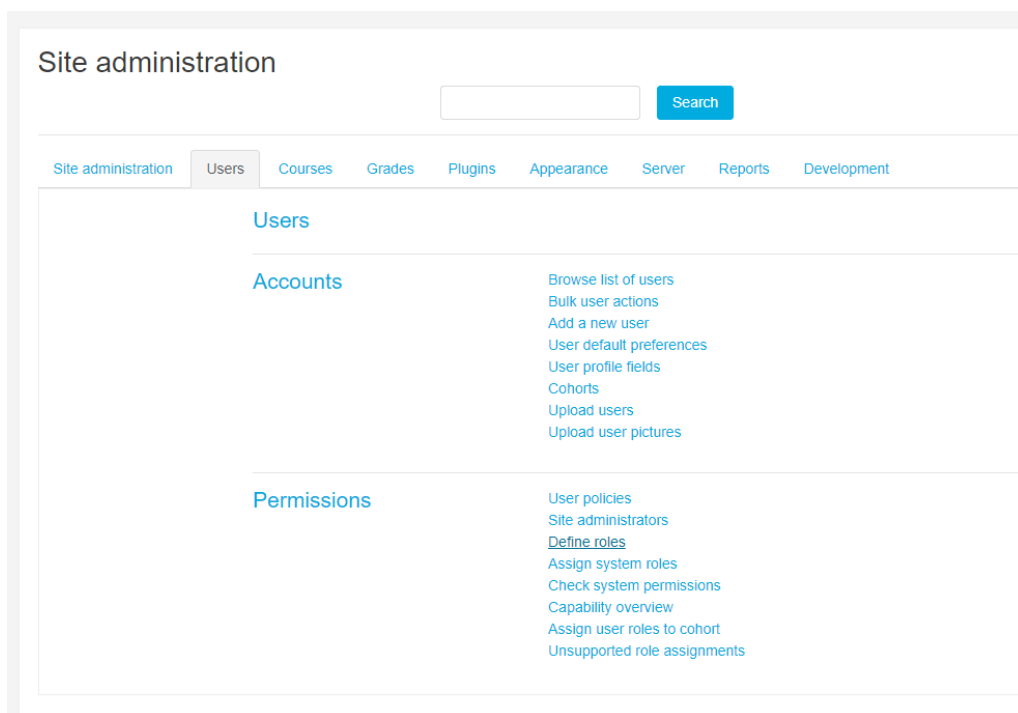
## Roles - Setting Permissions

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

The following provides steps on how to set up Kaltura permissions for each of the Moodle roles.

### To Define Roles

1. Log in as Moodle admin
2. Go to Site Administration > Users > Permissions > Define Roles.



A list all of the standard roles and all custom roles is displayed.

### To edit the permissions for each role

1. Select the Manage roles tab.
2. For EACH role that should be able to use the Kaltura Video Extension for Moodle, select the Gear icon to edit the role.

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

3. Scroll down the Edit page until you see the list of permissions (there are a many permissions).
4. Use CTRL+F to find the string “Kaltura” on the Edit page. There are a several permissions related to the Kaltura extension.
5. Set the permissions to Allow for each string that contains Kaltura and Save.

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

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

## Kaltura Video Quiz Moodle Gradebook Integration Deployment Guide

To complete your Kaltura deployment, please refer to [Kaltura Video Quiz Moodle Gradebook Integration Deployment Guide](#).