

Kaltura Video Package 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	xmllib	<input type="checkbox"/> should be installed and enabled for best results The xmllib extension is needed for hub communication, and useful for web services and Moodle networking	Check
php_setting	opcache.enable	<input type="checkbox"/> PHP setting should be changed OPcache checks improve performance and lowers memory requirements. OPcache extension is recommended and MLI supported.	Check
unicond		<input type="checkbox"/> must be installed and enabled	OK
database	mysqli	<input type="checkbox"/> version 5.1.33 is required and you are running 5.5.16	OK
php	pdo	<input type="checkbox"/> version 5.3 is required and you are running 5.3.9	OK
php_extension	iconv	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	mbstring	<input type="checkbox"/> must be installed and enabled	OK
php_extension	curl	<input type="checkbox"/> must be installed and enabled	OK
php_extension	openssl	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	tokenizer	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	soap	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	ctype	<input type="checkbox"/> must be installed and enabled	OK
php_extension	zip	<input type="checkbox"/> must be installed and enabled	OK
php_extension	zlib	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	gd	<input type="checkbox"/> must be installed and enabled	OK
php_extension	simplexml	<input type="checkbox"/> must be installed and enabled	OK
php_extension	sockets	<input type="checkbox"/> must be installed and enabled	OK
php_extension	posix	<input type="checkbox"/> must be installed and enabled	OK
php_extension	dom	<input type="checkbox"/> must be installed and enabled	OK
php_extension	xml	<input type="checkbox"/> must be installed and enabled	OK
php_extension	enchant	<input type="checkbox"/> should be installed and enabled for best results	OK
php_extension	json	<input type="checkbox"/> must be installed and enabled	OK
php_extension	hash	<input type="checkbox"/> must be installed and enabled	OK
php_setting	memory_limit	<input type="checkbox"/> recommended setting detected	OK
php_setting	safe_mode	<input type="checkbox"/> recommended setting detected	OK
php_setting	file_uploads	<input type="checkbox"/> recommended setting detected	OK

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 (eg 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

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.

- KAF URI: It should have the format [Instance ID]-kaf.kaltura.com. For example, 12345.kaf.kaltura.com. NOTE: Do not include an ending "/".
- 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

Default: Empty

Type in the server URI of your KAF instance.

Server URI
local_kaltura | uri

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

Default: Empty

Enter the partner id for your account.

Admin secret
local_kaltura | adminsecret

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](#).

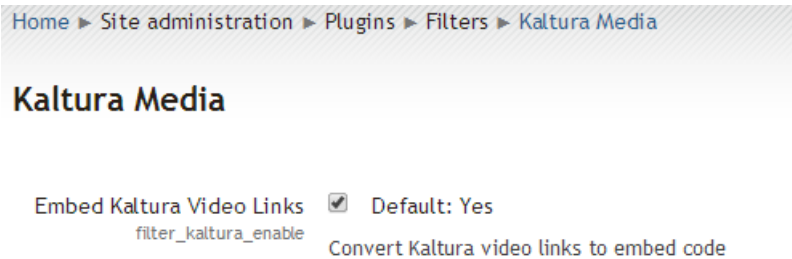
Set up the Filter Plugin

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.

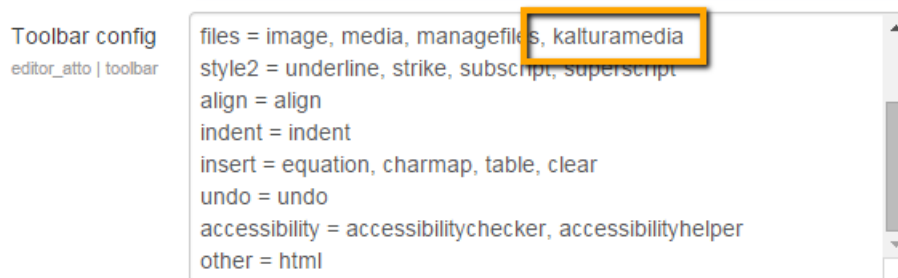


3. Click Save.

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.

☰ To move the My Media button

1. Login as administrator.

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

MoodleCT

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

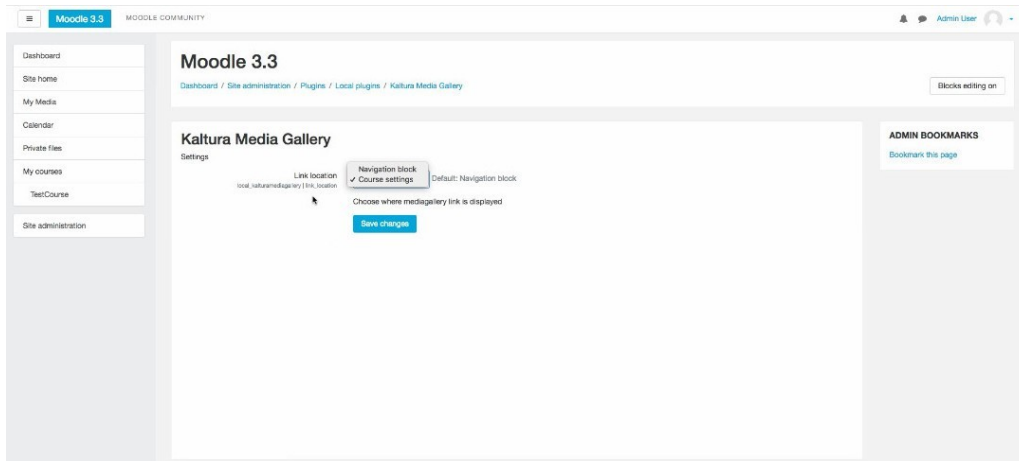
The Boost theme may not have the 'Navigation' tab. The Kaltura Media Gallery will be available in other locations.

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

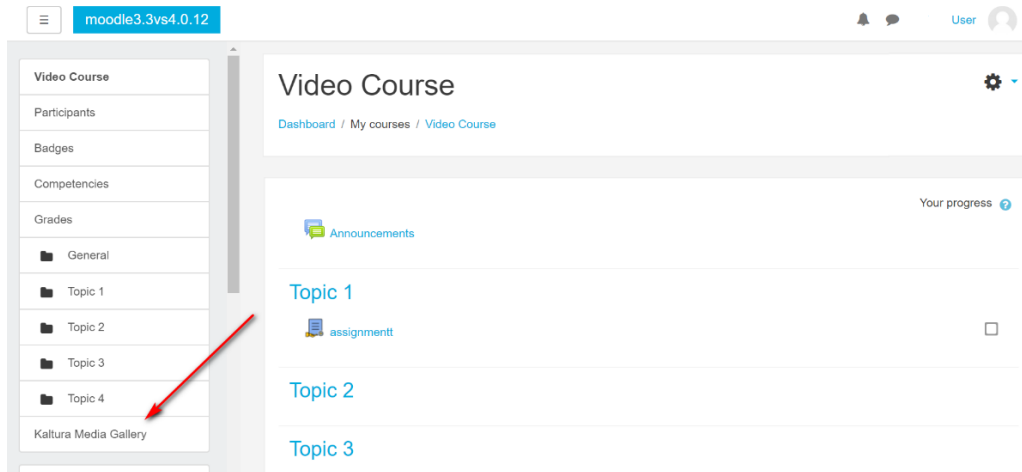
1. Login as administrator.
2. Go to Site administration > Plugins > Local Plugins and select Kaltura Media Gallery.



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

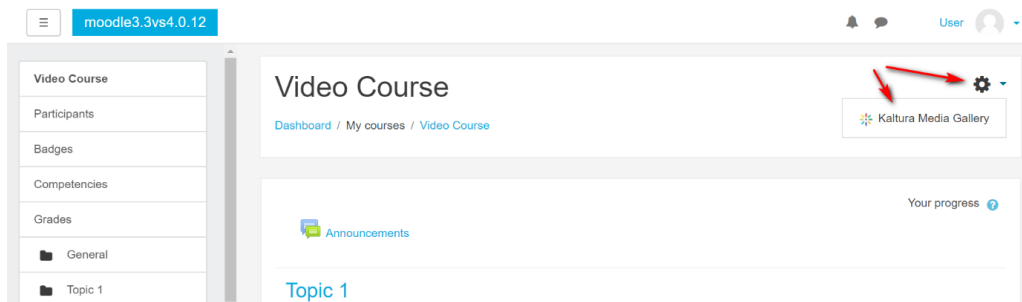
Navigation Block

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:



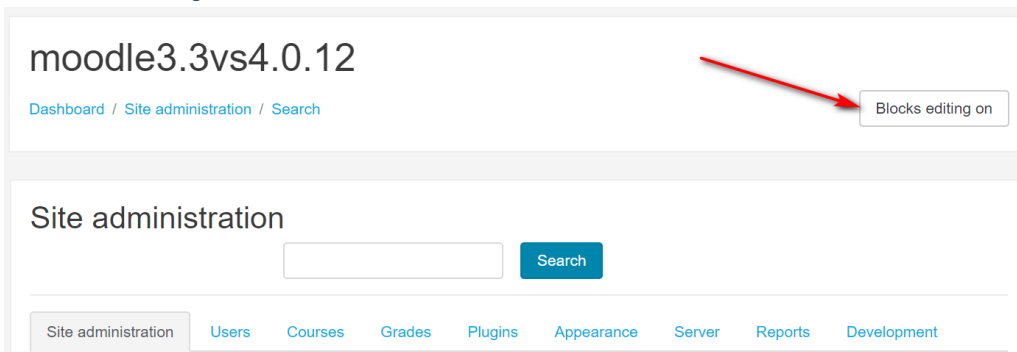
The default display is in the Navigation block.

Adding a Block

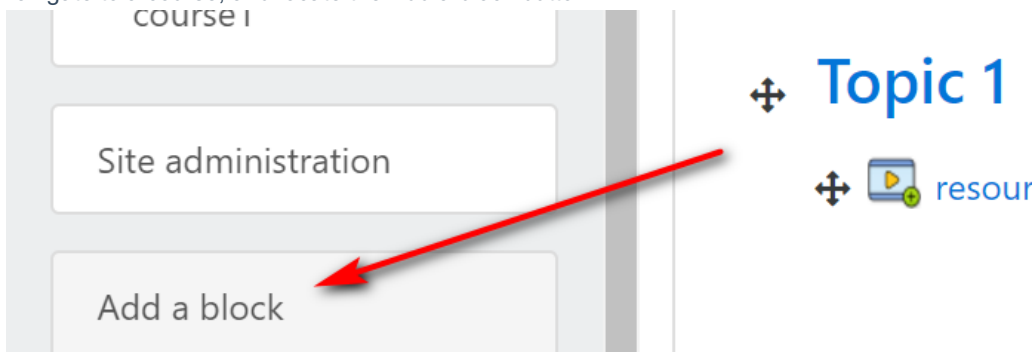
If you have permissions to add blocks to a course, you can add the Kaltura Media Gallery Block. The link to the Kaltura Media Gallery will be added to the course side pane.

☰ 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:

[Dashboard](#) / [My courses](#) / [course22](#)

 [Announcements](#)

[Your progress](#) 

KALTURA MEDIA GALLERY
[Kaltura Media Gallery](#)

[Topic 1](#)

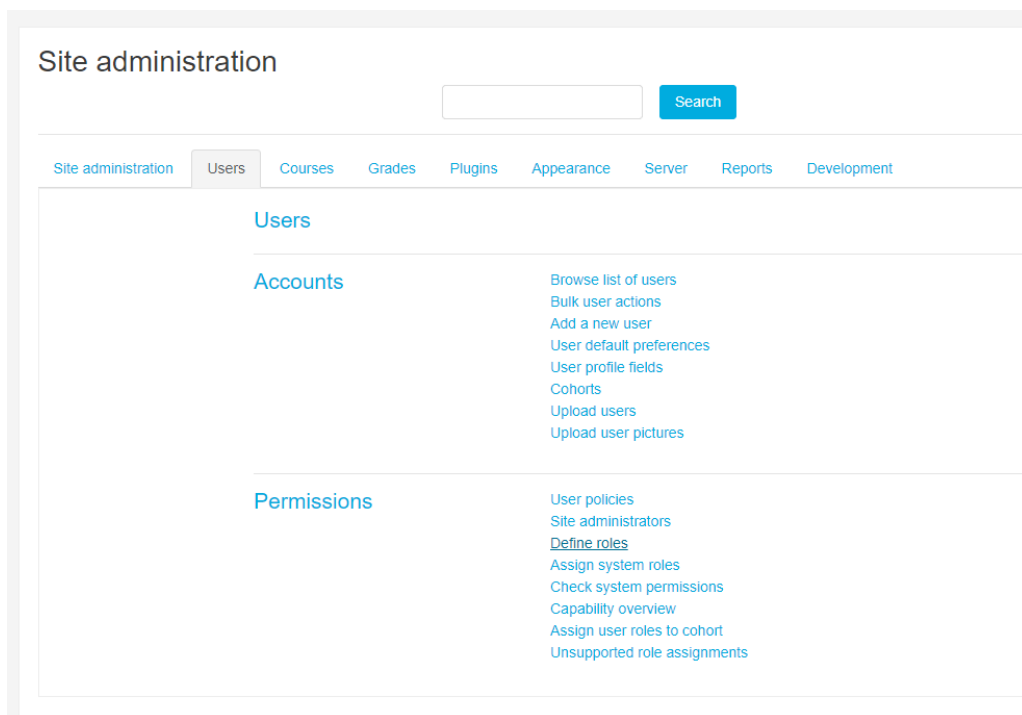
Roles - Setting Permissions

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

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

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	!