

# Set up Kaltura LMS Video integration for Moodle 3.x

Last Modified on 05/06/2026 8:41 pm IDT

 This article is designated for administrators.

## About

This document details the steps required to install the Kaltura LMS Video integration **4.3.2** and **4.4.4** for **Moodle version 3.x**.



This guide applies to LTI 1.1-based deployments only.

## Before you start

Make sure the following is already in place:

- A Kaltura account with:
  - a Partner ID (PID)
  - an Admin secret
- A KAF (Kaltura Application Framework) instance URL, e.g., `https://12345.kaf.kaltura.com`
- Moodle version **3.x**
- Access to the [KAF Configuration Management console](#)

## Install the Kaltura Video plugin for Moodle

Installing the **Kaltura Video plugin** is required before configuration. This step does not affect active Moodle users and can be completed anytime in advance.

When you install the Kaltura Video plugin, the following features become available in Moodle:

- My Media (personal media library)
- Media Gallery (course media repository)
- Kaltura Media Assignment
- Kaltura Video Resource
- Kaltura Media embedding in text editors

## To install the plugin:

1. Download the correct version of the plugin for the version of Moodle you are running from [here](#).
2. Unzip the downloaded package and when prompted to choose an extraction location, select the Moodle root directory (the folder that contains the admin, mod, and local folders).
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	xmhttpc	<input type="checkbox"/> should be installed and enabled for best results <b>The xmhttpc extension is needed for fast communication, and useful for web services and Moodle networking</b>	<b>Check</b>
php_setting	opcache.enable	<input type="checkbox"/> PHP setting should be checked <b>PHP opcache caching improves performance and lowers memory requirements. OPcache extension is recommended and fully supported</b>	<b>Check</b>
unicode		<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
database	mysql	<input type="checkbox"/> version 5.1.33 is required and you are running 5.5.15 <input type="checkbox"/> version 5.3.3 is required and you are running 5.3.9	<input checked="" type="checkbox"/>
php		<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	iconv	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	mbstring	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	curl	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	openssl	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	tokenizer	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	soap	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	ctype	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	zip	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	zlib	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	gd	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	simplexml	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	spl	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	pdo	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	dom	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	xml	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	mb	<input type="checkbox"/> should be installed and enabled for best results	<input checked="" type="checkbox"/>
php_extension	json	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_extension	hash	<input type="checkbox"/> must be installed and enabled	<input checked="" type="checkbox"/>
php_setting	memory_limit	<input type="checkbox"/> recommended setting detected	<input checked="" type="checkbox"/>
php_setting	safe_mode	<input type="checkbox"/> recommended setting detected	<input checked="" type="checkbox"/>
php_setting	file_uploads	<input type="checkbox"/> recommended setting detected	<input checked="" type="checkbox"/>

Your server environment meets all minimum requirements.

[Continue](#)

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

Success

**tinymce\_moodleimage**

Success

**tinymce\_moodlemedia**

Success

**tinymce\_moodlenolink**

Success

**tinymce\_pdw**

Success

**tinymce\_spellchecker**

Success

**tinymce\_wrap**

Success

**local\_kaltura**

Success

**local\_kalturamediagallery**

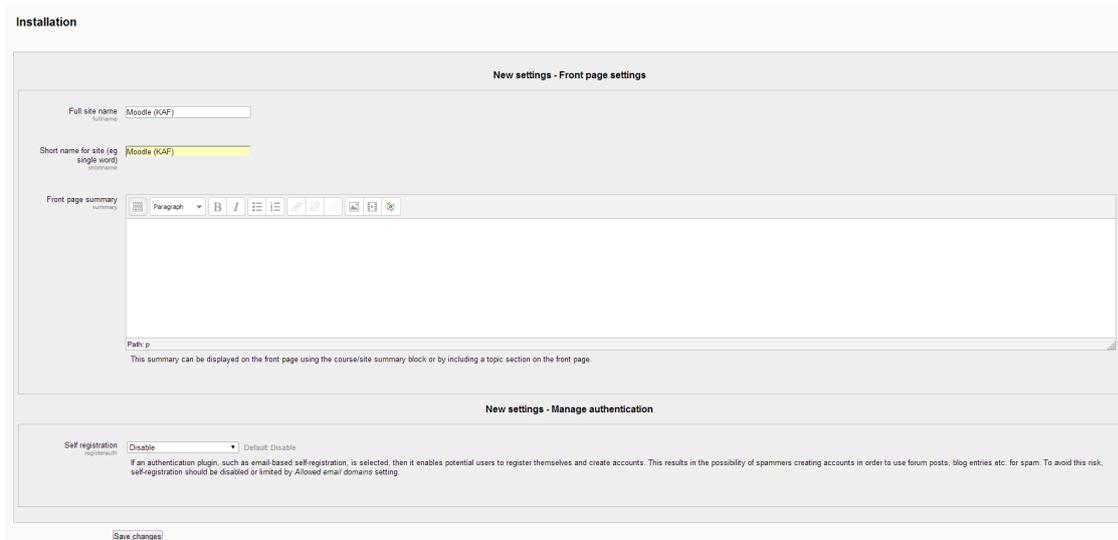
Success

**local\_mymedia**

Success

[Continue](#)

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



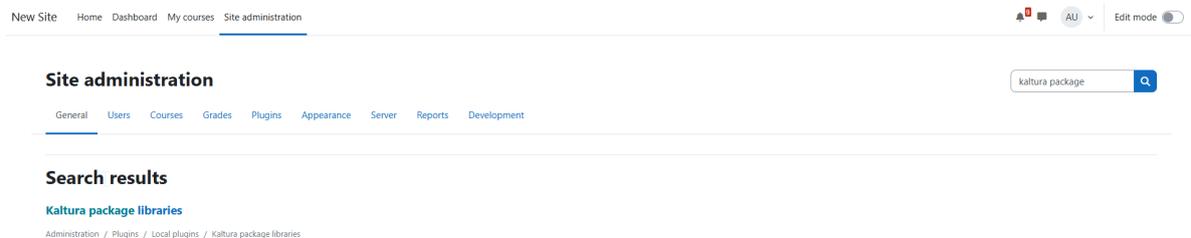
5. Click **Save changes**.

## Configure the Kaltura-Moodle connection and features

After installing the Kaltura Video plugin, complete the following configuration steps to connect Kaltura to Moodle and enable features.

### Step 1: Configure the Kaltura connection in Moodle

1. In Moodle, go to **Site administration**.
2. Use the search field to locate **Kaltura package libraries**.



3. Click to open the 'Kaltura package libraries' page.  
The KAF configuration page displays.

4. Configure the following required settings:

- **KAF URI:** Format is `[Instance ID].kaf.kaltura.com` (e.g., `12345.kaf.kaltura.com`)



Do not include an ending `"/`.

- **Server URI:** Typically `www.kaltura.com` (for most use cases, this should not need to

change)

- **Partner ID** - Enter your PID (Kaltura Partner ID). You can find this value on the 'Integrations' page in the Rich Media CMS (Rich Media Content Management System). For information, see [Account information in Rich Media CMS](#).
- **Admin secret** - Enter the admin secret from the 'Integrations' page in the Rich Media CMS. For information, see [Account information in Rich Media CMS](#).
- **Enable trace logging**: Checked

5. Click **Save changes**.

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>

<p><b>KAF URI</b> <small>local_kaltura   kaf_uri</small></p>	1688742-4.kaf.kaltura.com
	<p>Default: Empty</p> <p>Type in the server URI of your KAF instance.</p>
<p><b>Server URI</b> <small>local_kaltura   uri</small></p>	www.kaltura.com
	<p>Default: www.kaltura.com</p> <p>Type in the server URI you want to connect to. Otherwise just type in the default settings (This setting is used for migration purposes).</p>
<p><b>Partner id</b> <small>local_kaltura   partner_id</small></p>	1688742
	<p>Default: Empty</p> <p>Enter the partner id for your account.</p>
<p><b>Admin secret</b> <small>local_kaltura   adminsecret</small></p>	[REDACTED]
	<p>Default: Empty</p> <p>Enter the admin secret for your account.</p>
<p><b>Enable trace logging</b> <small>local_kaltura   enable_logging</small></p>	<p><input checked="" type="checkbox"/> Default: No</p> <p>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 <a href="#">here</a>.</p>

[Save changes](#)

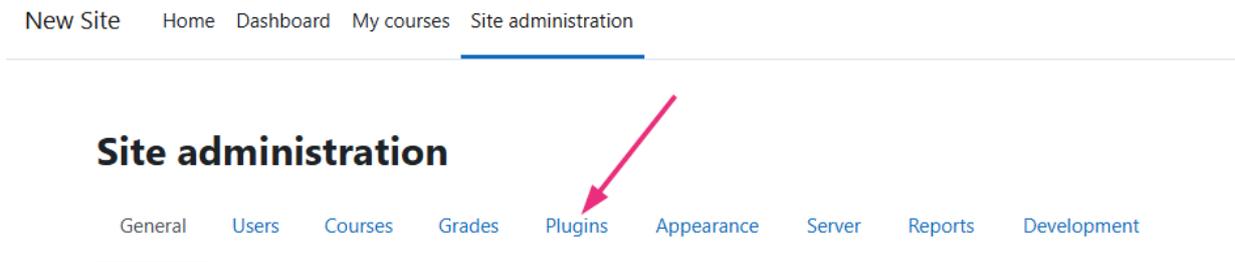
## Step 2: Configure Kaltura features and access

After installing the integration, configure Kaltura features and user access based on how you plan to use Kaltura in Moodle.

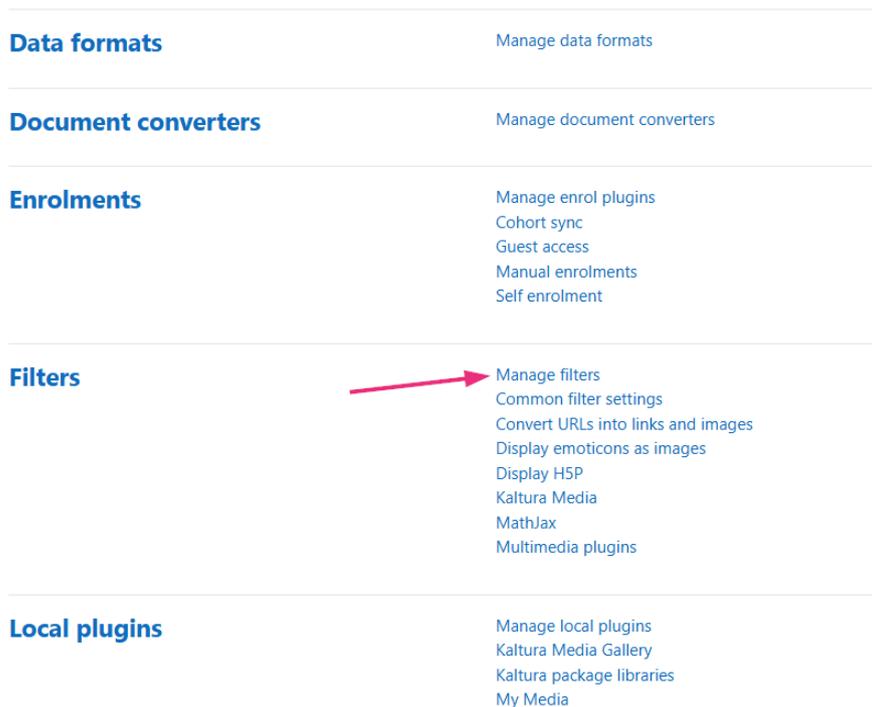
### Enable the Kaltura media filter

The Kaltura Media filter enables embedded Kaltura media to display correctly in rich-text areas.

1. Go to your Moodle **Site administration** and select **Plugins**.



2. Scroll down the page to the **Filters** section and select **Manage filters**.



The Manage filters page opens.

3. Locate **Kaltura Media** in the list.

### Manage filters

Filter	Active?	Order	Apply to	Settings	Uninstall
Display HSP	On	↓	Content	Settings	Uninstall
Activity names auto-linking	On	↑ ↓	Content		Uninstall
Mathlax	On	↑ ↓	Content	Settings	Uninstall
Display emoticons as images	On	↑ ↓	Content	Settings	Uninstall
Convert URLs into links and images	On	↑ ↓	Content	Settings	Uninstall
Multimedia plugins	On	↑	Content	Settings	Uninstall
Algebra notation	Disabled		Content		Uninstall
Code highlighter	Disabled		Content		Uninstall
Database auto-linking	Disabled		Content		Uninstall
Email protection	Disabled		Content		Uninstall
Glossary auto-linking	Disabled		Content		Uninstall
Kaltura Media	Disabled		Content	Settings	Uninstall

4. Enable the **Kaltura Media** filter and click the **Settings** link.

### Manage filters

Filter	Active?	Order	Apply to	Settings	Uninstall
Display HSP	On	↓	Content	Settings	Uninstall
Activity names auto-linking	On	↑ ↓	Content		Uninstall
Mathlax	On	↑ ↓	Content	Settings	Uninstall
Display emoticons as images	On	↑ ↓	Content	Settings	Uninstall
Convert URLs into links and images	On	↑ ↓	Content	Settings	Uninstall
Multimedia plugins	On	↑ ↓	Content	Settings	Uninstall
Kaltura Media	On	↑	Content	Settings	Uninstall

The Kaltura Media page displays.

### Kaltura Media

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

Convert Kaltura video links to embed code

Alternate KAF URIs   
filter\_kaltura\_urls

Default: Empty

Enter alternate KAF URIs to filter, one per line

[Save changes](#)

5. In the Kaltura Media settings, make sure **Embed Kaltura Video Links** is selected.

## Kaltura Media

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

Convert Kaltura video links to embed code

**Alternate KAF URIs**  
filter\_kaltura\_uris

Default: Empty

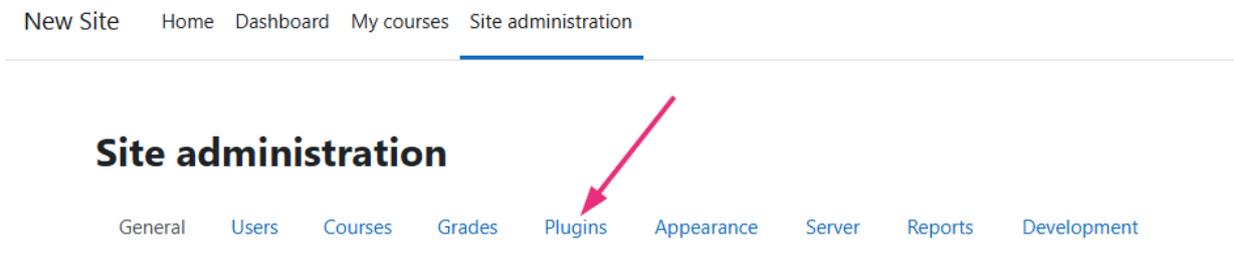
Enter alternate KAF URIs to filter, one per line

[Save changes](#)

6. Click **Save changes**.

Add the Kaltura embed button to Atto text editor

1. Go to your Moodle **Site administration** and select **Plugins**.



2. On the 'Plugins' page, scroll down to the **Text editors** section and select **Atto HTML editor**.

<b>Search</b>	<a href="#">Manage global search</a> <a href="#">Search areas</a> <a href="#">Solr</a>
<b>SMS</b>	<a href="#">Manage SMS gateways</a>
<b>Text editors</b>	<a href="#">Manage editors</a>  <a href="#">Atto HTML editor</a> <a href="#">Atto toolbar settings</a> <a href="#">Collapse toolbar settings</a> <a href="#">Equation editor settings</a> <a href="#">RecordRTC</a> <a href="#">Table settings</a> <a href="#">TinyMCE editor</a> <a href="#">General settings</a> <a href="#">Equation editor settings</a> <a href="#">TinyMCE Premium</a> <a href="#">RecordRTC</a>

The 'Atto HTML editor' page displays.

3. Click **Atto toolbar settings**.

**Category: Atto HTML editor**

[Atto toolbar settings](#) 

**Atto plugins**

Name	Version	Toolbar config	Settings	Uninstall
Accessibility checker	2024100700	accessibilitychecker		<a href="#">Uninstall</a>
Screenreader helper	2024100700	accessibilityhelper		<a href="#">Uninstall</a>
Text align	2024100700	align		<a href="#">Uninstall</a>

The 'Atto toolbar settings' page displays.

**Atto toolbar settings**

**Atto plugins**

Name	Version	Toolbar config	Settings	Uninstall
Accessibility checker	2024100700	accessibilitychecker		<a href="#">Uninstall</a>
Screenreader helper	2024100700	accessibilityhelper		<a href="#">Uninstall</a>
Text align	2024100700	align		<a href="#">Uninstall</a>
Background colour	2024100700	backcolor		<a href="#">Uninstall</a>
Bold	2024100700	bold		<a href="#">Uninstall</a>
Insert character	2024100700	charmap		<a href="#">Uninstall</a>
Clear formatting	2024100700	clear		<a href="#">Uninstall</a>
Show/hide advanced buttons	2024100700	collapse	<a href="#">Settings</a>	<a href="#">Uninstall</a>

4. Scroll down the page to the **Toolbar config** section.
5. In the Toolbar config field, locate the line that starts with *files =*.
6. Add `kalturamedia` to the end of the list, separated by a comma.

Undo/Redo	2024100700	undo	Uninstall
Unordered list	2024100700	unorderedlist	Uninstall

Changes in table above are saved automatically.

```

Toolbar config
editor_atto | toolbar
collapse = collapse
style1 = title, bold, italic
list = unorderedlist, orderedlist, indent
links = link
files = emojiPicker, image, media, recordrtc, managefiles, h5p, katuramedia
accessibility = accessibilitychecker, accessibilityhelper
style2 = underline, strike, subscript, superscript
align = align

Default:
collapse = collapse
style1 = title, bold, italic
list = unorderedlist, orderedlist, indent
links = link
files = emojiPicker, image, media, recordrtc, managefiles, h5p
accessibility = accessibilitychecker, accessibilityhelper
style2 = underline, strike, subscript, superscript
align = align
insert = equation, charmap, table, clear
undo = undo
other = html
    
```

The list of plugins and the order they are displayed can be configured here. The configuration consists of groups (one per line) followed by the ordered list of plugins for that group. The group is separated from the plugins with an equals sign and the plugins are separated with commas. The group names must be unique and should indicate what the buttons have in common. Button and group names should not be repeated and may only contain alphanumeric characters.

7. Click **Save changes** at the bottom of the page.

The Kaltura embed button now appears in the Atto editor toolbar.



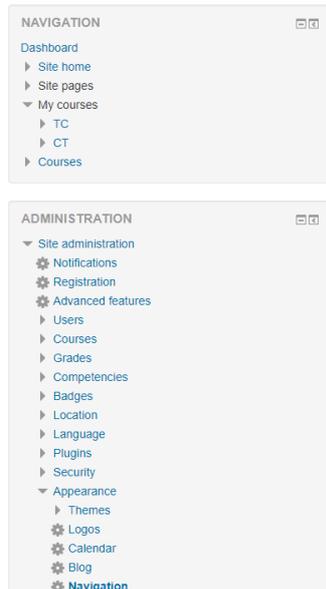
### Configure My Media placement

**My Media** is each user's personal media repository in Moodle (based on their Moodle role and permissions). No setup is required for My Media. Users can find My Media under the My Home menu.

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

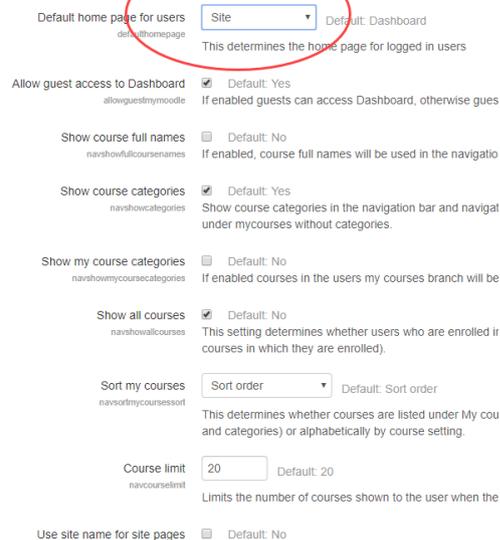
## Moodle Customer Training

Dashboard > Site administration > Appearance > Navigation



The screenshot shows two sidebars. The left sidebar, titled 'NAVIGATION', contains links for Dashboard, Site home, Site pages, My courses (with sub-links for TC, CT, and Courses), and Courses. The right sidebar, titled 'ADMINISTRATION', contains a list of site management options including Site administration, Notifications, Registration, Advanced features, Users, Courses, Grades, Competencies, Badges, Location, Language, Plugins, Security, Appearance (with sub-links for Themes, Logos, Calendar, Blog, and Navigation), and Navigation.

### Navigation



The screenshot shows the 'Navigation' settings page. A red circle highlights the 'Default home page for users' dropdown menu, which is currently set to 'Site'. Below this, there are several other settings: 'Allow guest access to Dashboard' (checked), 'Show course full names' (unchecked), 'Show course categories' (checked), 'Show my course categories' (unchecked), 'Show all courses' (checked), 'Sort my courses' (Sort order), 'Course limit' (20), and 'Use site name for site pages' (unchecked).

3. Click **Save changes**.

The My Media link is now available to users in the selected location.

## Media Gallery

The Media Gallery is a shared media repository for a Moodle course. It allows instructors and students to view and interact with media that is associated with a specific course.

Access to the Media Gallery and available actions are controlled by Moodle roles and permissions.

When using the **Boost theme**, the Media Gallery link may not appear in the standard Navigation menu. Instead, you can display the Media Gallery link in one of the following locations:

- Navigation block
- Course settings menu

To configure where the 'Media Gallery' link appears:

1. Go to your Moodle **Site administration** and select **Plugins**.

## Site administration

- General Users Courses Grades **Plugins** Appearance Server Reports Development

2. On the 'Plugins' page, scroll down to the **Local plugins** section and select **Kaltura Media Gallery**.

### Filters

- Manage filters
- Common filter settings
- Convert URLs into links and images
- Display emoticons as images
- Display H5P
- Kaltura Media
- MathJax
- Multimedia plugins

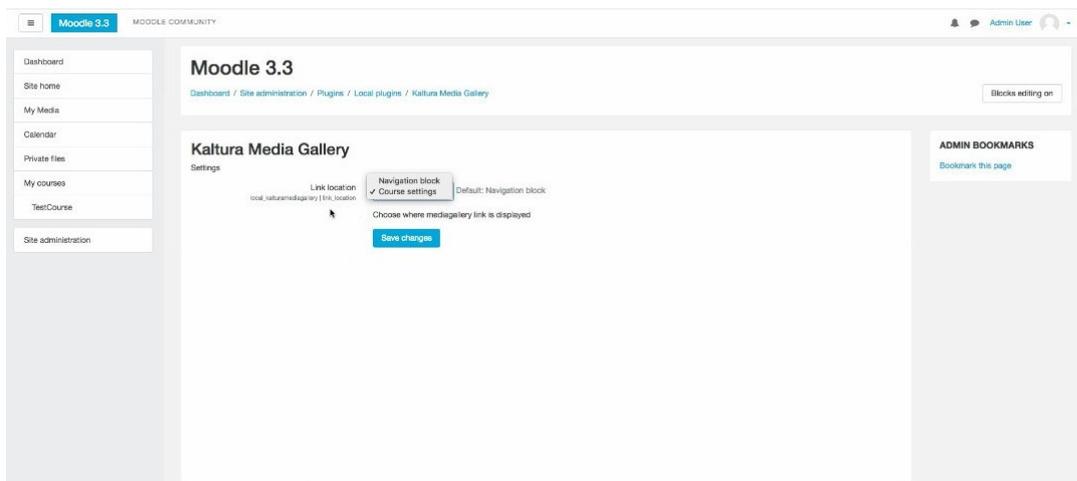
### Local plugins

- Manage local plugins
- Kaltura Media Gallery**
- Kaltura package libraries
- My Media

### Logging

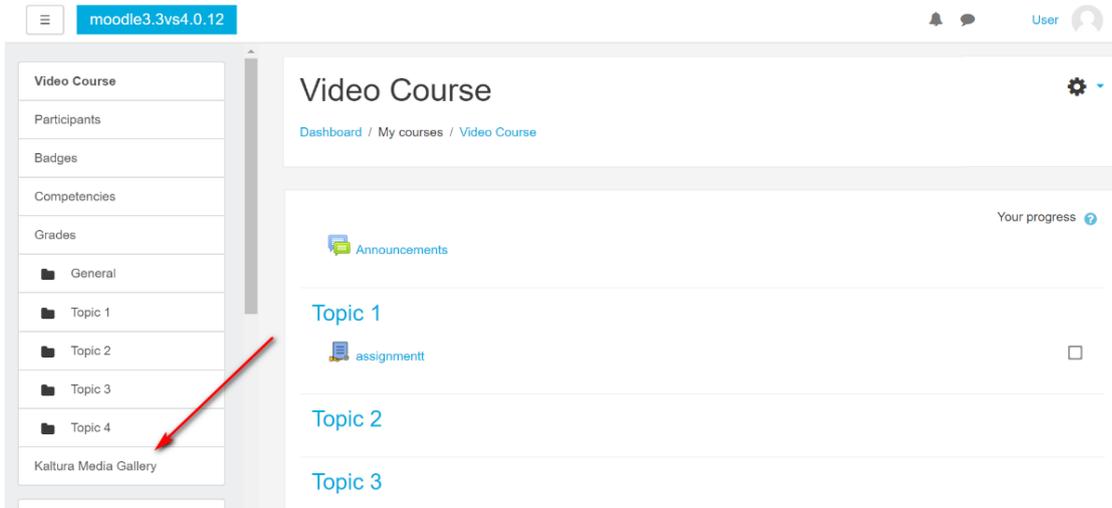
- Manage log stores
- Standard log

3. In the **Link location** dropdown, select where you want the **Kaltura Media Gallery** link to appear.



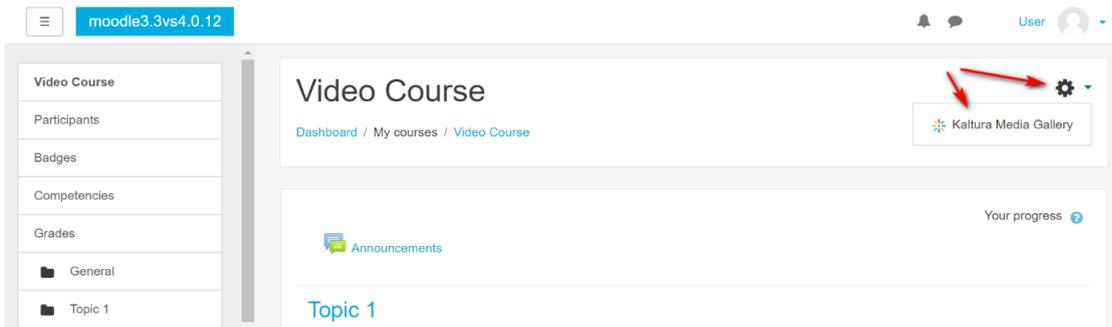
### Navigation block

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:

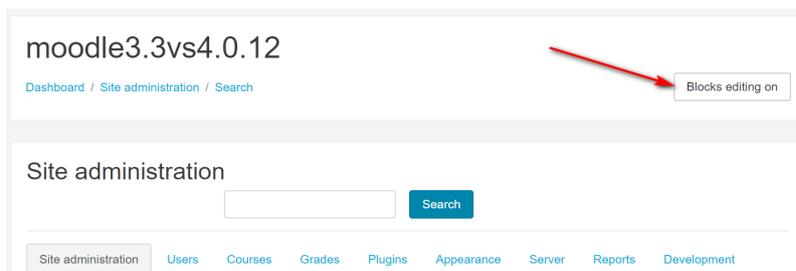


The default display is in the Navigation block.

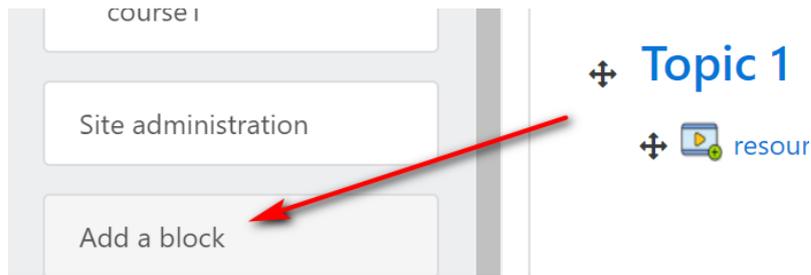
## Adding a block

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.

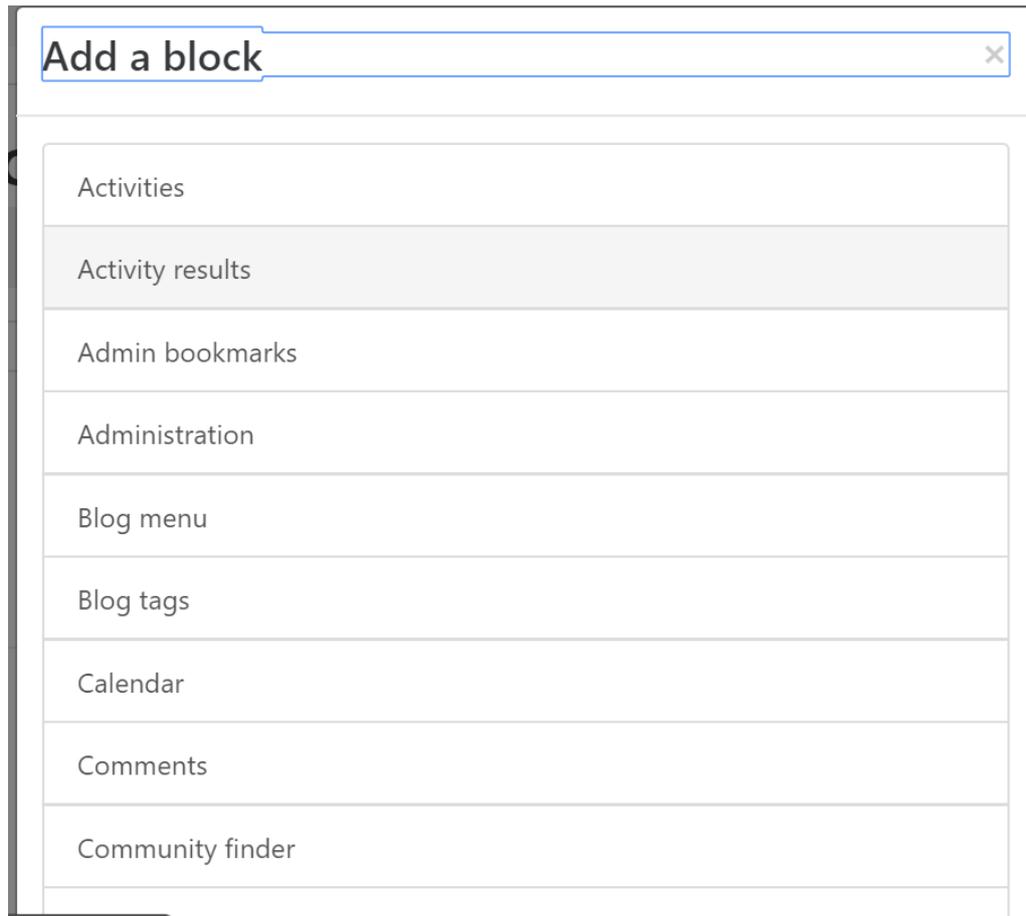
1. Navigate to the site administration.
2. Turn editing on.



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

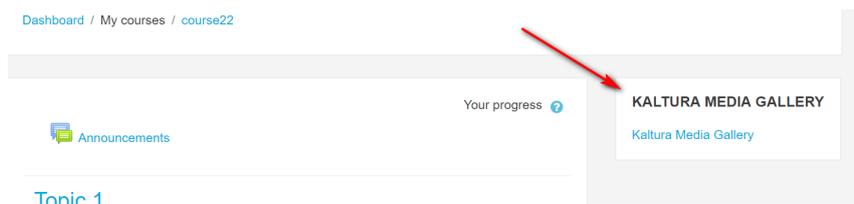


4. Under the list of blocks, choose the Kaltura Media Gallery.



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

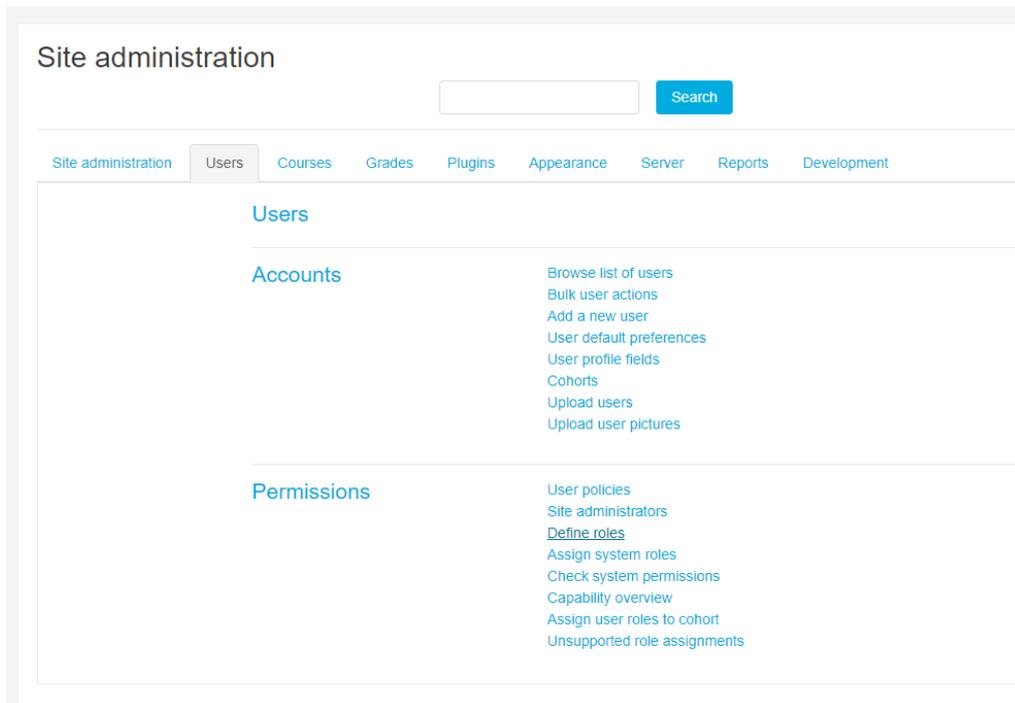
The results after adding the Kaltura Media Gallery block are as follows:



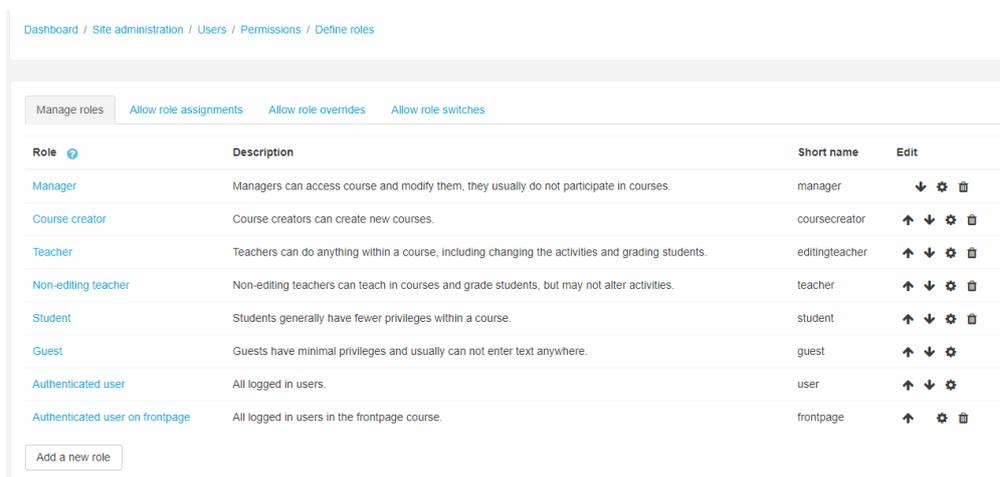
## Roles and permissions

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**.



## 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

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

## Next steps

To complete your Kaltura deployment, please see [Deploy Kaltura Video Quiz Moodle Gradebook Integration with LTI 1.1.](#)