

Kaltura Video Package 4.0 for Moodle

Installation and Upgrade Guide

Version: 4.0 for Moodle 2.5 - 2.7

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Installing the Kaltura Video Package 4.0 for Moodle 2.5 – 2.7

This document details the steps required to install and upgrade the Kaltura Video Package 4.0 for Moodle 2.5 – 2.7.

Prerequisites

- A Kaltura account :
 - Partner id (“pid”), e.g., *12345678*
 - Admin secret, e.g., *f79359d3227f45be73c181489888afc5*
- A Kaltura Application Framework instance URL, for example, *12345678.kaf.kaltura.com*
- Minimum Moodle version 2.5.7 (Build: 2014102807)



IMPORTANT NOTE:

If upgrading the client's site:

- You must have Kaltura release 3.1.02 (RL: 2.6.1.1) (2014010901 or 2014102105) for Moodle 2.5 or Kaltura release 3.1.02 (RL: 2.5.1.7) (2013071808 or 2014102106) for Moodle 2.6. See [Verify the Kaltura Video Package Version on Moodle](#) for details.
- Please read the instructions about [Upgrading from Kaltura Video Package for Moodle from Version 3.0 to 4.0](#) for additional steps required to be performed on the KAF instance provided to you.

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 2.x (mod/kalvidassign)
- Video resource module, equivalent to the video resource type for the Kaltura plug-in for Moodle 2.x (mod/kalvidres)
- Video presentation module, equivalent to the video presentation type for Kaltura plug-in for Moodle 2.x (mod/kalvidpres)
- Filter plug-in, used to display Kaltura video embed inside rich-text markups (filter/kaltura)

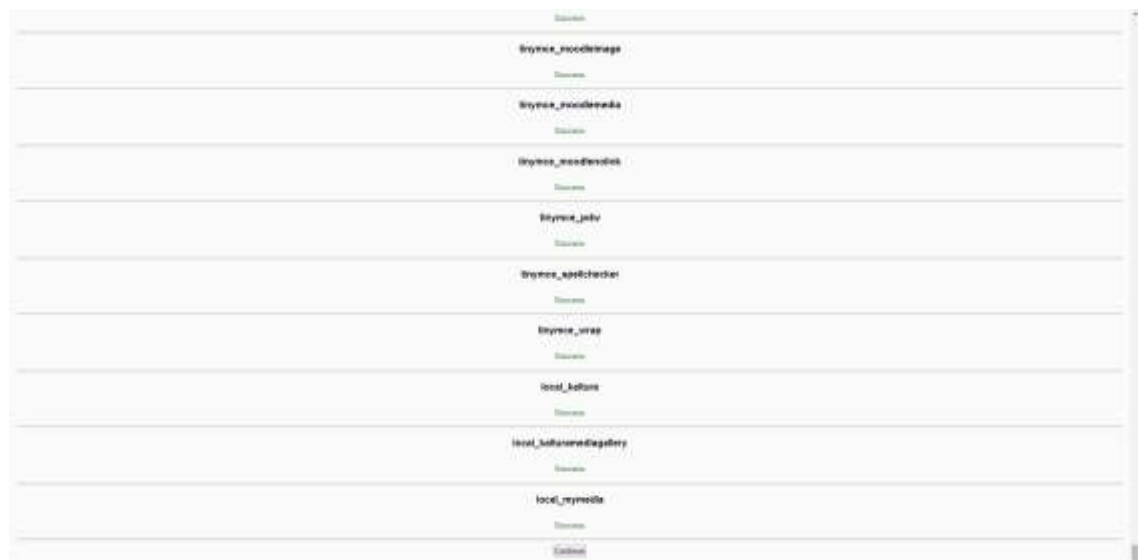
Installation Process

To install the Kaltura Video Package 4.0

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



4. Fill in the relevant information and click Continue.

The screenshot shows the Moodle installation configuration interface. The top section, 'New settings - Front page settings', includes fields for 'Full site name' (default: Moodle KAP), 'Short name for this site' (default: Moodle KAP), and a 'Front page summary' editor. Below this is the 'New settings - Manage authentication' section, which shows 'Self registration' set to 'Disable'. A note states: '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. Any website that has open self-registration should be disabled or limited by allowed email domain setting.'

5. Click 'Save changes'.
6. Verify that the Kaltura credentials were entered correctly by clicking on 'Plug-ins' > 'Local Plug-ins' > 'Kaltura Package Libraries'. Be certain that 'Successfully logged in with credentials' is displayed under the Connection status heading.

The screenshot shows the 'Kaltura package libraries' configuration page in Moodle (KAP). The page title is 'KAP configuration'. A warning message states: 'Warning: the Partner id or Admin secret is empty. The Kaltura plugins will not work.' The configuration fields include:

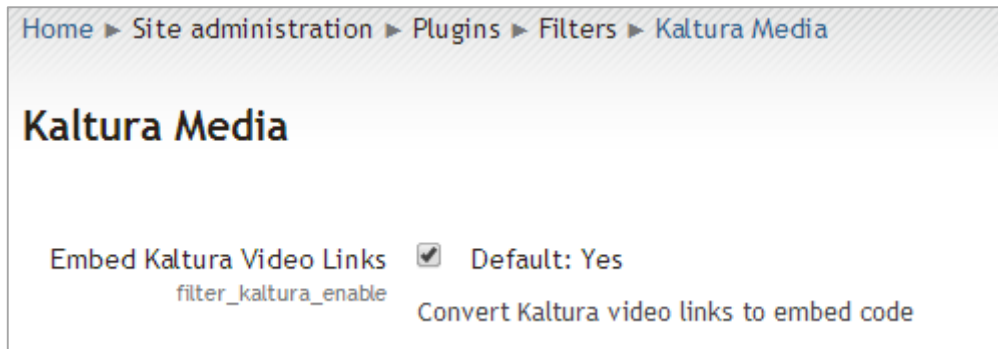
- KAP URL:** Type in the server URL or your KAP instance.
- Partner ID:** Type in the partner ID you want to connect to. Otherwise just type in the default settings (This setting is used for registration purposes).
- Partner secret:** Enter the partner id for your account.
- Admin secret:** Enter the admin secret for your account.
- Root category:** The root category used by the Kaltura repository plugin (This setting is used for registration purposes).
- Kaltura profile id:** The Kaltura profile id used by the repository plugin (This setting is used for registration purposes).
- Enable track logging:** 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 Kaltura performance. You may download a CSV file of the logs from [here](#).

 A 'Save changes' button is at the bottom.

Set Up the Filter Plug-in

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.

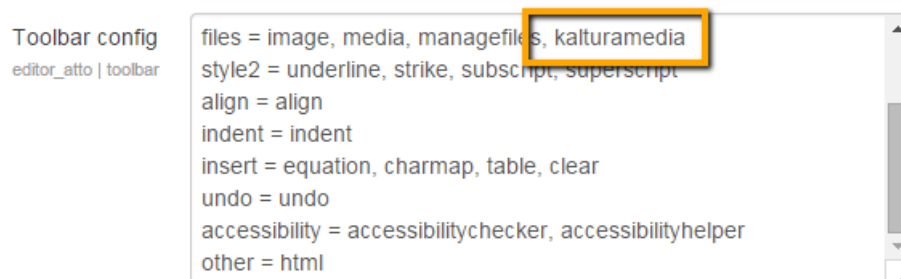


3. Click Save.

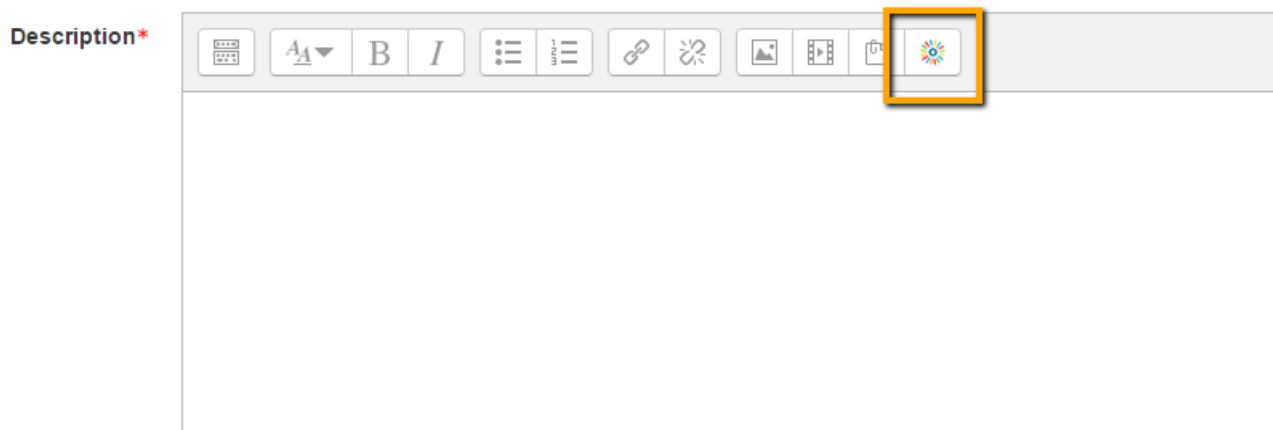
Adding the Atto Text Editor

 To add the Kaltura embed button to the Atto text editor (Moodle 2.7):

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.

Upgrading from Kaltura Video Package for Moodle from Version 3.0 to 4.0

Before You Begin

- Create a backup of your Moodle 3.0 database.
- Disable the Kaltura repository plugin
- Delete the following folders of Moodle folder:
 - local/kaltura
 - local/mymedia
 - mod/kalvidres
 - mod/kalvidpres
 - mod/kalvidassign
 - repository/kaltura
 - filter/Kaltura

Known Issues and Limitation for Migration

- Entries shared with multiple courses in V3 may not be migrated properly when running on PHP versions below 5.3.29.
- Video presentation resources may be migrated incorrectly if the video was also added via TinyMCE.

Upgrading Process

To upgrade to version 4.0

1. After copying the Moodle 4.x code into your web server, copy the additional Kaltura modules. See Installation Process, and use your current Kaltura credentials.
2. Click 'Upgrade Moodle database now' to install the new package.

Plugins check

This page displays plugins that may require your attention during the upgrade. Highlighted items include new plugins that are about to be installed, updated plugins that are about to be upgraded and any missing plugins. Add-ons are highlighted if there is an available update for them. It is recommended that you check whether there are more recent versions of add-ons available and update their source code before continuing with the Moodle upgrade.

[Check for available updates](#)

Number of plugins requiring your attention: 9

[Disable the list of installed plugins](#)

| Plugin name | Directory | Source | Current version | New version | Requires | Status |
|--------------------------------------|---|--------|-----------------|---------------|---|-------------------|
| Activity modules | | | | | | |
| Kaltura Media Assignment | mod/kalvidesign | Add-on | 2014020901 | 2014020900 | Requires 2014020900 mod_kalvidesign | To be upgraded |
| Kaltura Video Presentation | mod/kalvidpres | Add-on | 2014020901 | 2014020900 | Requires 2014020900 mod_kalvidpres | To be upgraded |
| Kaltura Video Resource | mod/kalvidres | Add-on | 2014020901 | 2014020900 | Requires 2014020900 mod_kalvidres | To be upgraded |
| Tool filters | | | | | | |
| Kaltura Media | filter/kaltura | Add-on | 2014020901 | 2014020900 | Requires 2014020900 filter_kaltura | To be upgraded |
| TinyMCE HTML editor / Plugins | | | | | | |
| Kaltura media | lib/editor/tinymce/plugins/kalturamedia | Add-on | | 2014020900 | Requires 2014020900 lib_editor_tinymce_plugins_kalturamedia | To be installed |
| Reputation | | | | | | |
| Kalbook | | Add-on | 2014020901 | | | Missing from dbal |
| Local plugins | | | | | | |
| Kaltura package library | local/kaltura | Add-on | 2014020901 | 2014020900 BT | Requires 2014020900 local_kaltura | To be upgraded |
| Kaltura Media Gallery | local/kalmedagallery | Add-on | | 2014020900 | Requires 2014020900 local_kalmedagallery | To be installed |
| My Media | local/mymedia | Add-on | 2014020901 | 2014020900 | Requires 2014020900 local_mymedia | To be upgraded |

[Refresh](#)

[Complete Moodle database dump](#)

- Review the upgraded modules and click 'Continue':

Upgrading to new version

| | |
|-----------------------------|---------|
| mod_kalvidesign | Success |
| mod_kalvidpres | Success |
| mod_kalvidres | Success |
| filter_kaltura | Success |
| tinymce_kalturamedia | Success |
| local_kaltura | Success |
| local_kalmedagallery | Success |
| local_mymedia | Success |
| Continue | |

- After the upgrade completes, insert the KAF URI in the Kaltura package libraries configuration.



IMPORTANT NOTE: Please make sure the KAF URI does not include http:// prefix and that it does not end with any trailing slashes (/). for example:
 "http://12345678.kaf.kaltura.com" and "12345678.kaf.kaltura.com/" are wrong examples.

- Click Save Changes.
- Go back to the Kaltura package libraries (Site administration → Plugins → Local plugins → Kaltura package libraries). Make sure your account details appear correctly:

Upgrading from Kaltura Video Package for Moodle from Version 3.0 to 4.0

Katana package libraries

KAP configuration

<http://10.0.0.179:8080/katana.console.html>

KAP URI
Host, default: localhost
 Default: localhost
Type in the server URI of your KAP instance

Server URI
Host, default: localhost
 Default: http://localhost
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
Host, default: localhost
 Default: localhost
Enter the partner ID for your account

Admin secret
Host, default: localhost
 Default: Empty
Enter the admin secret for your account

☐ Default: No
Enable trace logging
Host, default: localhost
If enabled, all requests and responses to and from Katana are logged. These logs can be used by Katana support to diagnose any problems encountered. Enabling this setting may affect Katana performance. You may download a CSV file of the logs from [here](#).

Data from your account needs to be migrated in order to be used with this version of the plug-in. Go to the [migration page](#) to begin the process.

- To start the migration of content, click on the link at the bottom of the Kaltura package libraries page:

Navigation

Home

My home

Site report

My profile

My needs

Admin bookmarks

Download this page

Administration

My profile settings

Site administration

Notifications

Registration

Advanced database

Users

Courses

Quizzes

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Install all one

Activity modules

Assignment plugins

Course formats

Events

Language output

Appearance

Enrolments

Text editors

Users

Files

Reputation

Web services

Question behaviour

Question types

Kaltura package libraries

KAF configuration

[http://172.16.10.10/0/kaltura-dm-kaltura.com/external](#)

KAF URL

http://172.16.10.10/0/kaltura-dm-kaltura.com/external

Type in the server URL of your KAF instance

Server URL

http://www.kaltura.com/

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

Partner id

1721610

Enter the partner id for your account

Admin secret

46ed0f7c0e020096a39407804f

Enter the admin secret for your account

Root category

Movie

The root category used by the Kaltura repository plug-in (This setting is used for registration purposes)

Installable profile id

2042171

The installable profile id used by the repository plugin (This setting is used for registration purposes)

Enable trace logging

☒ Enabled

Enabled: All requests will be recorded and sent to Kaltura as logs. 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

Take from your account needs to be migrated in order to be used with this version of the plug-in. Go to the [migration](#) page to begin the process.

- On the Data migration page select a KAF category to migrate to and click Start. This should be the category selected on your KAF instance. For more details, please refer to the [Kaltura Video Plugin V4 for Moodle Version 2.5, - 2.7 Setup Guide](#).

Data migration

▼ options

The migration was originally started at: Wednesday, 21 May 2014, 2:29 PM
The number of entries migrated: 0
Number of categories created: 0
Select a KAF category to migrate to:

Moodle ▼

Start / Continue Restart migration Back

A message informing that the migration has been completed is displayed.

- 9.** Click Continue.

The migration has been completed.
(Continue)

Post-upgrade

- Ensure all of your assignments, video resources and presentations are located in the correct courses and that all of the videos play without any issues.
- Ensure video assignments grades are kept intact.

Content Migration

V3 entries that were shared with the site will be transferred to Shared Repository category.

- V3 entries that were shared with course will be transferred to Kaltura Media Gallery of the specific course.
- V3 entries that were added by a specific user will be displayed on user's My Media page on V4.
- Kaltura video resources / assignments / presentations will be available at the same path they were on V3.
- Users, credentials and courses names will stay the same as they were on V3.

Verify the Kaltura Video Package Version on Moodle

To verify the Kaltura Video Package Version on Moodle

1. Log into your Moodle site as an administrator.
2. Go to the plugins overview page (Site administration → Plugins → Plugins overview).

The following Kaltura plugins should appear:

| Plugin name | Source | Version |
|----------------------------|--------|---------------|
| Kaltura Media Assignment | Add-on | 2014023000 |
| Kaltura Video Presentation | Add-on | 2014023000 |
| Kaltura Video Resource | Add-on | 2014023000 |
| Kaltura media | Add-on | 2014023000 |
| Kaltura package libraries | Add-on | 2014023000.01 |
| Kaltura Media Gallery | Add-on | 2014023000 |
| My Media | Add-on | 2014023000 |

Mandatory Steps to Perform on the KAF Admin Console

To access your KAF instance Admin Console from within your Moodle site

1. Go to Site administration → Plugins → Local plugins → Kaltura package libraries and clicking the URL at top of the page:



2. After installing/upgrading the Kaltura Video Package for Moodle you will need to specify the root category you **created** under the **Categories** module.

| Module | Fields | Description |
|------------|--------------|---|
| Categories | rootCategory | Select the category you created in the KMC. |



NOTE: The root category should not be changed after the plugin is configured. It is okay to change the name of the root category from the KMC. It will automatically update in the KAF Admin Console.

Be certain that the sharedRepositoryCategoryId field is updated in the **Hosted** module. If it is not updated the following is displayed:

sharedRepositoryCategoryId 23011851

Your shared repository category requires mandatory update!
[Click here to update](#)

3. Click “Click here to update” to update the Shared Repository.