

# Kaltura Video Package for Moodle 2.x

## Quick Start Guide

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Version: 1.0 for Moodle 2.x

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# Preface

## Audience

This guide is primarily intended for Moodle administrators and faculty users. It contains useful information for the main usage flows and functionality of the Kaltura Video Package for Moodle.

## About this Guide

This guide describes:

- [How to set up the Package](#)
- [How to customize the players and uploader widget](#)
- [How to create Video Resources](#)
- [How to create Video Presentation Resources](#)
- [How to create and grade Video Assignments](#)

# Overview of the Kaltura Package for Moodle 2.x

Kaltura's Video Package for Moodle makes it easy to add the robust capabilities of Kaltura's open source online video platform to any Moodle site. The module was developed specifically for Moodle, and easily integrates with other features and modules, such as resources and assignments.

The module allows Teachers and Admins to create 2 new resources and 1 assignment type:

- Video Resource: Easily add video content to your course.
- Video Presentation resource: Create a synchronized view of a Document and a Video.
- Video Assignment: Allows students to submit videos.

## Configuring the Kaltura Package for Moodle 2.x

Only site administrators can configure various settings of the Kaltura Package for Moodle 2.x.

## Setting Up the Kaltura Package for Moodle 2.x

After you install the Kaltura Package for Moodle 2.x, you will need to configure the package settings. For installation, please refer to the [Installation Guide](#).

### To set up the package

1. Go to Site administration > Plugins > Local plugins > Kaltura package libraries. A page with various settings options is displayed,

#### Kaltura Video Extension

This page allows you to configure the front page and name of this new site. You can come back here later to change these settings any time using the Administration menus.

**Connect status**

Successfully connected to your hosted account

**Kaltura hosted and CE settings**

Input the the type of connection you would like to use (KalturaCE or the hosted Kaltura server) and enter in the credentials related to the connection you are using.

Connection Server kaltura\_conn\_server Kaltura hosted solution Default: Kaltura hosted solution  
 Select whether you are connecting to a hosted account on whether you are connect to your own Kaltura CE server

Server URI kaltura\_uri http://www.kaltura.com/ Default: http://www.kaltura.com/  
 Type in the server URI you want to connect to. Otherwise just type in the default settings

Hosted account login kaltura\_login user.name@email.com Default: kaltura\_hosted@email.com  
 Login username that is used to log into the Kaltura site

Hosted account password kaltura\_password ..... ☐ Unmask  
 Password that is used to log into the Kaltura site

Figure 1 - Settings of Kaltura server configuration

2. Set the connection to Kaltura.

- Select your Connection Server (The default is Kaltura hosted solution).
- Enter your Kaltura partner login credentials.(Hosted account login and Hosted account password)

If you do not have a Kaltura account, signup [here](#) to obtain one.

## Register for a Free Trial of Kaltura's Video Package for Moodle

The best way to experience Kaltura's Video Package for Moodle is with a hands-on free trial.

Fill in the following form, then download the extension file, and follow the steps to install and activate the extension within your Moodle installation.

**NOTE: if you already have a Kaltura account, please click [here](#).**

\*First Name

\*Last Name

\*E-Mail

\*Phone

\*Institution

Website

\*Job Title

\*Country

\*Number of Fully Enrolled Students

\*Would you like a Kaltura Video Expert to contact you?

How do you plan to use Kaltura's video platform?

Please answer this simple math problem to confirm that you're human (and not an evil spam-bot).

\* Math question    3 + 0 =

\* Solve this simple math problem and enter the result. E.g. for 1+3, enter 4.

## Thank you for registering!

If you have not yet downloaded and installed the Extension, please download it here:

- [Download the Kaltura Video Block for Moodle 1.9](#) - package includes extension files, installation guide and release notes
- [Download the Kaltura Video Package for Moodle 2.x](#) - package includes extension files, installation guide and release notes

Once you have installed the extension, follow the instructions in the Installation Guide in order to activate it and get started.




Figure 2 - Registering to Kaltura

## Customizing Players and Uploader Widgets

Kaltura's most commonly used widgets include the Kaltura Dynamic Player (KDP) and the Kaltura Uploader. The Kaltura UIConf ID is the unique identifier for Kaltura widgets. It is recommended to use the default widgets for the Kaltura Video Package for Moodle.

Players can be created, designed and configured with specific features and buttons within the Studio tab, in the Kaltura Management Console. For instructions on how to create, design and configure a player, refer to the [KMC User Manual](#).

After you create a player, you can select it in the Kaltura Package Configuration page to replace the default players.

You can also modify the uploader widgets (also known as the Kaltura Contribution Wizard - KCW) and Kaltura Presentation Widget, using the Kaltura APIs. Please contact Kaltura for more information on using the Kaltura API or refer to the [Kaltura API Documentation](#).



**NOTE:** The default widget settings should work out of the box when working with Kaltura SaaS

## To customize the widgets

1. Go to Site administration > Plugins > Local plugins > Kaltura package libraries.



**Kaltura player**  
local\_kaltura | player  
Default: Player dark (4674741)  
Player used to play back video for Video Assignments

**Custom UIConf**  
local\_kaltura | player\_custom  
Default: Empty  
Only used if you have a custom assignment player UIConf ID

**Kaltura resource player**  
local\_kaltura | player\_resource  
Default: Player dark (4674741)  
Player used to play back video for Video Resources. This player will appear as the default player for new Video Resources. However it may be overridden if the **Override video resource player setting** is unchecked

**Custom UIConf**  
local\_kaltura | player\_resource\_custom  
Default: Empty  
Only used if you have a custom resource player UIConf ID

**Override video resource player setting**  
local\_kaltura | player\_resource\_override  
Default: No  
Check this option to override the individual Video Resource player selection. This will force all Video Resource activities to use the selected **Kaltura resource player**

**KCW uploader**  
local\_kaltura | uploader  
Default: Upload player (4395691)  
Uploader widget used when uploading media

**Custom KCW UIConf ID**  
local\_kaltura | uploader\_custom  
Default: Empty  
Only used if you have a custom KCW UIConf ID

**Presentation player**  
local\_kaltura | presentation  
Default: Video presentation (4860481)  
Player used to play back videos synchronized with documents

**Custom video presentation UIConf ID**  
local\_kaltura | presentation\_custom  
Default: Empty  
Only used if you have a custom Presentation Widget UIConf ID

**Enable HTML5 flavour**  
local\_kaltura | enable\_html5  
Default: No  
Check this setting to enable to use of the HTML5 flavours when viewing videos

Figure 3 – Package Configuration

2. In the “Kaltura player” dropdown, select the player used to play back submitted video

assignments.

- a. Advanced Kaltura users may choose “Custom player” and insert the player’s UIConf ID to use a player that does not appear in the dropdown.
3. In the “Kaltura resource player” dropdown, select the default player used to play back video resources.
  - a. Advanced Kaltura users may choose “Custom player” and insert the player’s UIConf ID to use a player that does not appear in the dropdown.
  - b. Check the “Override video resource player setting”; in order for the selected player to be used for all video resources, Teachers will not be able to choose different players for their video resources if this option is selected.
4. (Optional) The uploader (KCW) may be changed to a custom one. This is recommended for advanced users only.
5. (Optional) The video presentation widget may be changed to a custom one. This is recommended for advanced users only.
6. Check the “Enable HTML5 flavour”, to enable playback on Mobile devices.
7. Press the “Save changes” button to save the changes.

## Creating Video Resources

Teachers and administrators can create video resources that will be displayed inline within a course.

### To create a Video Resource

1. Select “Video” from the “Add a resource...” dropdown in the relevant part of the course you want the resource to appear in.

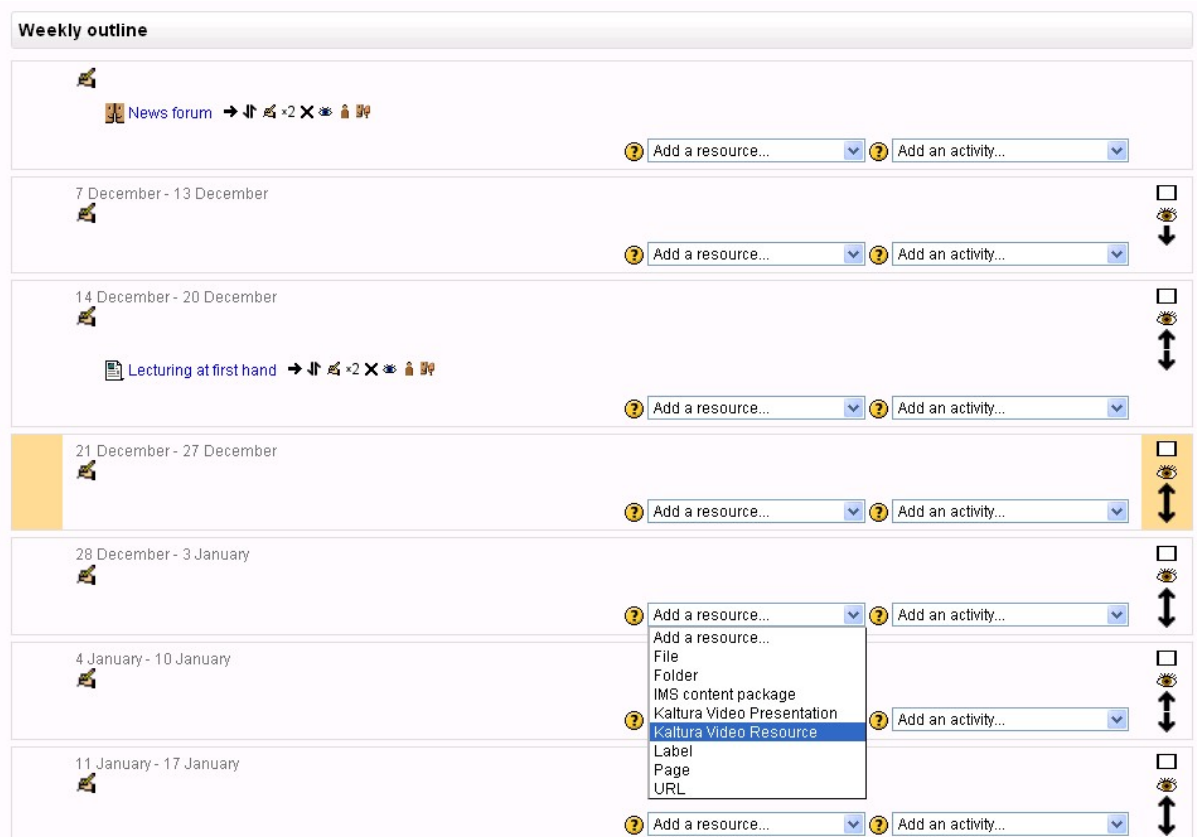


Figure 4 – Creating a Video Resource



- 2. Enter the Video Resource's name and summary.**

## Adding a new Kaltura Video Resource to 4 January - 10 January

**General**

Name\*


Description

Font family  Font size  Paragraph

**B** *I* U ABC  $\times_2$   $\times^2$

Path: p

**Video**



Add video

Figure 5 - Video Resource Creation Page

3. Press “Add Video” to launch the uploader widget and then follow the steps to upload your file.

Upload

My Content

Webcam

Video

Upload video

Browse

(You can select one file)

[Back](#)

Upload!

Figure 6 - Kaltura Uploader

4. After the video was added, click “Player properties” to choose the player (availability depends

on configuration) and the player dimensions.

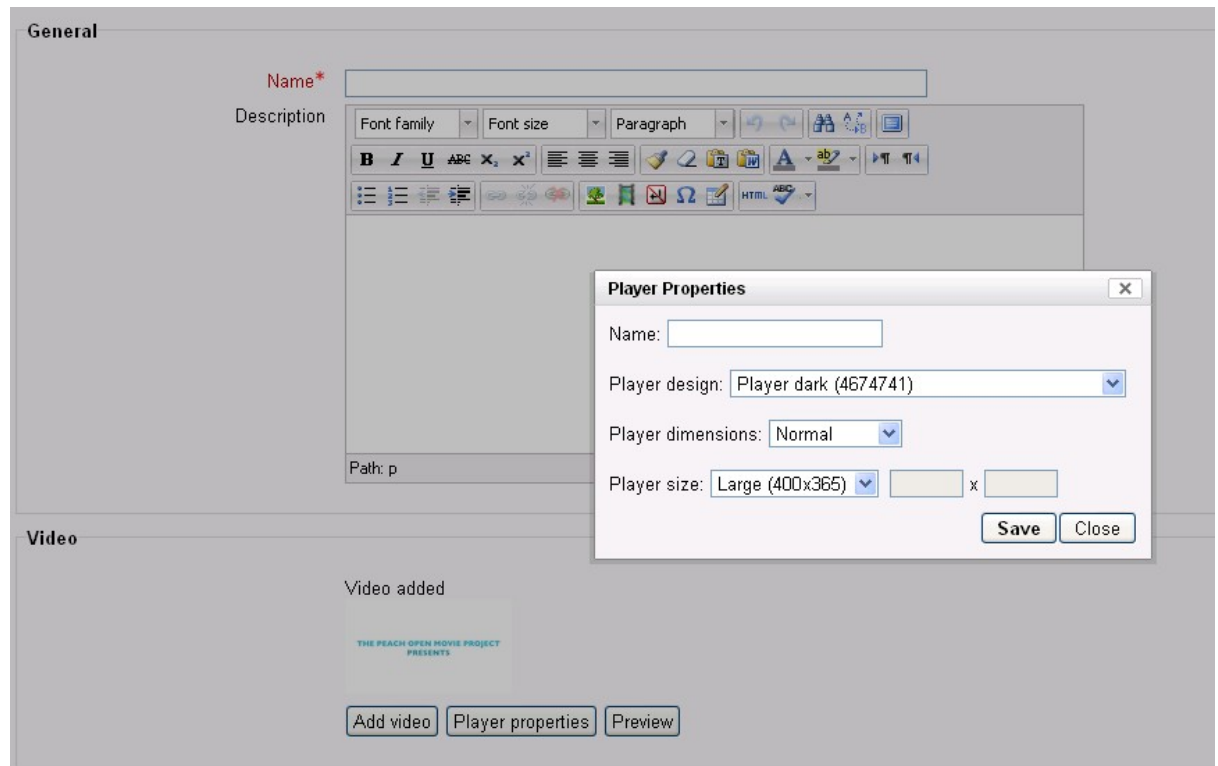


Figure 7 -Choosing Player properties for Video Resource

5. You can press “Preview” to view the added video in the selected player.  
Note that previewing the video will only be available after the video has finished the transcoding and conversion process within the Kaltura system. This may take a few minutes and depends mostly on the video duration.
6. You can replace the video by pressing the “Replace video” button.
7. When finished, press “Save and display” or “Save and return to course” to save the video resource and make it available for course participants.

## Creating Video Presentation Resources

The Video Presentation Resource creates a synchronized view of a video aside a document, with key points that can be edited by the author.

### To create a Video Presentation Resource

1. Select “Video Presentation” from the “Add a resource...” dropdown in the relevant part of the course you want the resource to appear in.
2. Enter the Video Presentation’s Name and Summary.
3. Press “Add Video” to launch the uploader widget and follow the upload flow.
4. Press “Upload document” to upload the document to be synchronized with the video.  
Supported documents include \*.ppt; \*.doc; \*.xls; \*.ods; \*.odt; \*.odp; \*.pptx; \*.docx; \*.pdf; \*.xlsx

**Adding a new Kaltura Video Presentation to 23 January - 29 January ?**

**General**

Name\*

Description


Font family  Font size  Paragraph

Path: p

**Video**

**In order to create a video presentation resource, please upload a video and a document and wait for them to convert. The conversion processes may take a few minutes depending on the sizes of the uploaded material. Once both video and document are ready, click 'Preview' in order to sync the document pages with the timeline of the video. Sync action is also available once the resource is saved.**

Video added



Document is currently being converted. Click on 'Check status' periodically. The save buttons will be disabled until the document has finished converting.

Figure 8 - Uploading material for a Video Presentation Resource

5. Wait until both assets have finished converting:
  - a) You can check the status of the video conversion process by pressing "Preview".
  - b) You can check the status of the document conversion process by pressing "Check status".
6. Once both video and document are ready, click "Preview" to synchronize the document pages with the timeline of the video. You can also sync after saving the resource when viewing it as a teacher.

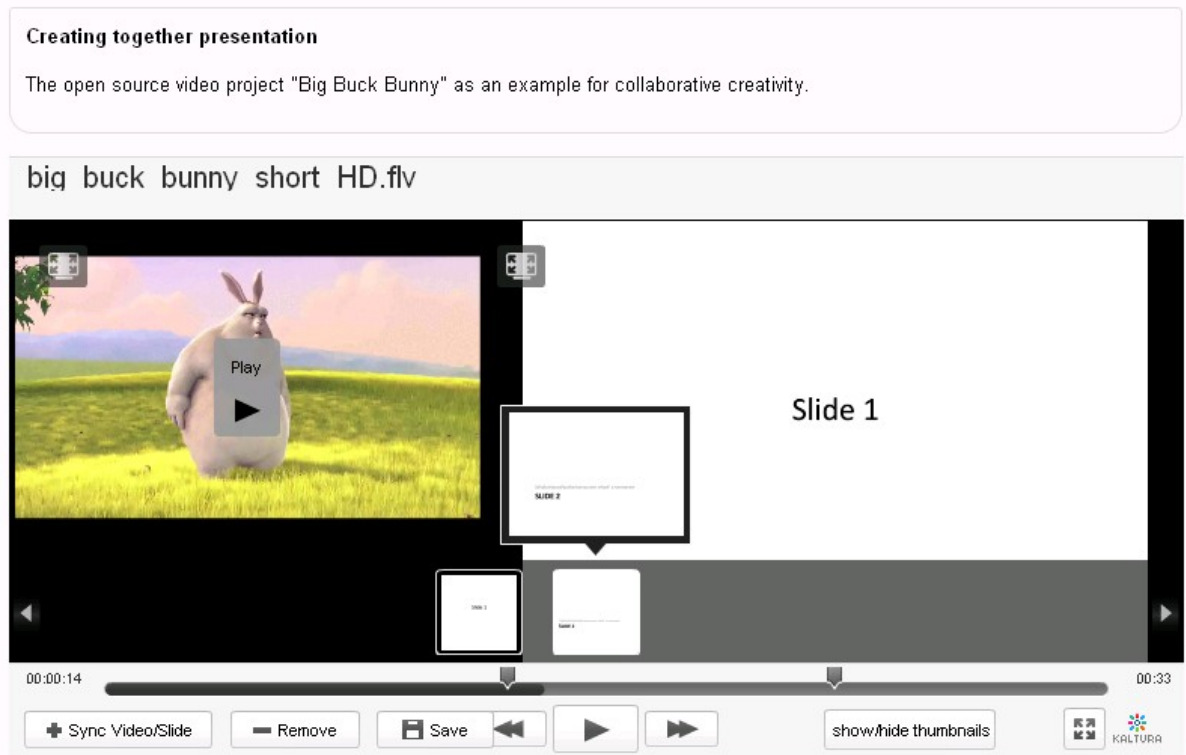


Figure 9 - Syncing the video and the presentation times

7. On the presentation widget, you can sync slides to key points in the video using the Presentation Widget controls. Simply play the video or drag the video scrubber to the selected place for the selected slide/page within the document, and click 'Sync Video/Slide'.
8. Save when you are done.

As students play the presentation, the video plays while the slides automatically rotate in full synchronization, based on the key points set by the presenter. Students can easily navigate through the slides with 'forward' and 'back' buttons, or by clicking on a specific slide thumbnail.

## Creating and Grading Video Assignments

Teachers can create a Kaltura Video Assignment that requires students to submit Videos as assignments. Following submissions, teachers can view the submitted videos, provide feedback and grade the video assignments.

### To create a Video Assignment (teacher)

1. Select "Kaltura Video Assignment" from the "Add an activity..." dropdown in the relevant part of the course you want the activity to appear in.

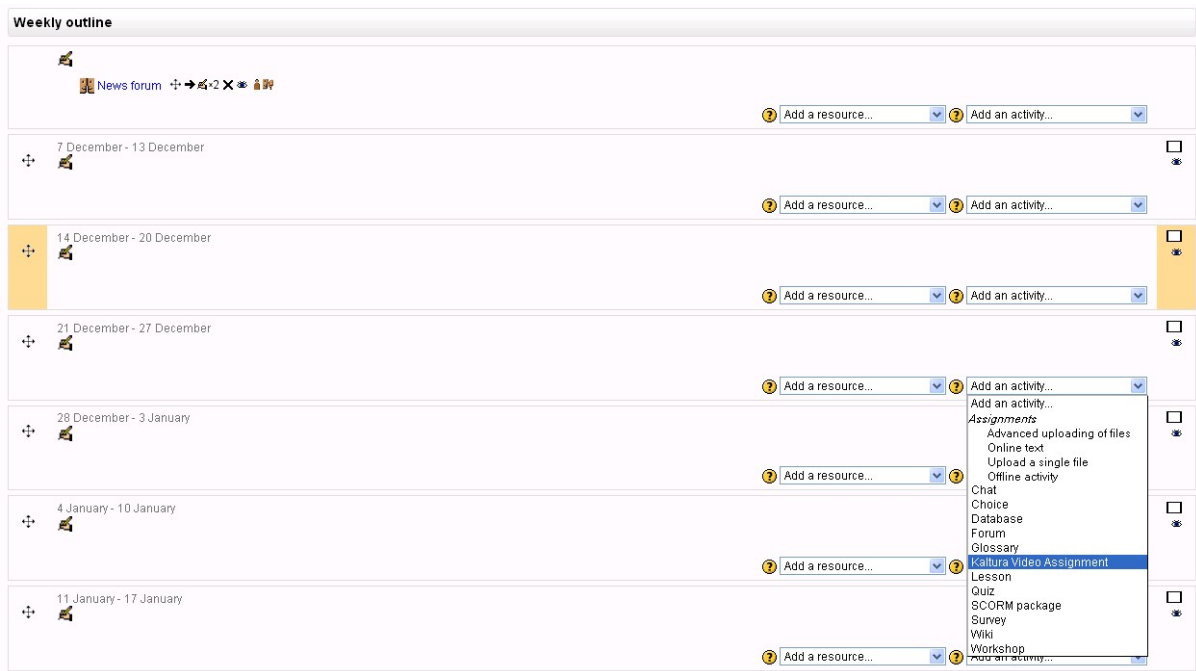


Figure 10 - Creating a Video Assignment

2. Enter the assignment's name, description and choose assignment properties:
  - a) Availability dates
  - b) Whether to prevent late submissions
  - c) Whether to allow resubmitting
  - d) Whether to receive email notification whenever students add or update an assignment submission
  - e) The grading scale

When finished, click Save.























**General**

Name\*

Description

Font family  Font size  Paragraph

**B** *I* U ABC x<sub>2</sub> x<sup>2</sup>





















HTML ABC

Path: p

Available from 19 December 2011 17:40 ☒ Enable

Due Date 26 December 2011 17:40 ☒ Enable

Prevent late submissions No

Allow resubmitting ? No

Email alerts to teachers ? No

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**Grade**

Grade 100

Grade category ? Uncategorized

Figure 11 - Video Assignment creation page



1. Press the assignment link.
2. Press the “Add video submission” button.
3. The uploader widget will launch, follow the uploader flow. See [Creating Video Resources](#).
4. After the video is uploaded, you can cancel, replace it or submit it.

**Available from:** Monday, 26 December 2011, 10:35 AM

**Due Date:** Monday, 2 January 2012, 10:35 AM

Please upload a recording of you giving a 5 minutes lesson to your friends or family on a subject of your choice.

Video uploaded successfully. Remember to save/submit.













[Add video submission](#)
[Preview](#)
[Submit video](#)



Figure 12 – Student submitting a video assignment





1. Press the assignment link.
2. Press "Grade submissions"

	First name / Surname	Grade	Comment	Last modified (Submission)	Last modified (Grade)	Status	Final grade
	student2 student2	No grade		Tuesday, 20 December 2011, 12:07 PM	-	Grade	-
							
	student3 student3	93 / 100		Tuesday, 20 December 2011, 12:24 PM	Tuesday, 20 December 2011, 12:59 PM	Update	93.00
							
	student4 student4	73 / 100		Tuesday, 20 December 2011, 01:10 PM	Tuesday, 20 December 2011, 01:10 PM	Update	73.00
							
	student6 student6	No grade		Tuesday, 20 December 2011, 02:02 PM	-	Grade	-
							
	student5 student5	No grade		Tuesday, 20 December 2011, 06:17 PM	-	Grade	-
							

**Optional settings**

Show  Submitted 

Submissions shown per page  10

Allow quick grade  ☐




Figure 13 - Submitted Video Assignments list

- Press the “Grade” link. (If a grade already exists, press “Update”) to go to a detailed submission page. You can then view a specific video submission and provide feedback and grade.

## zCourse

**Submission**

 student2 student2  
Monday, 26 December 2011, 10:48 AM (6 days 23 hours early)

**Preview**

Submission

Logo\_Black.flv



**Grades**

Grade: 86 / 100 

Current grade in -  
gradebook:

**Feedback**

Feedback:

Figure 14 - Grading a submitted Video Assignment

4. Pressing a thumbnail will display the appropriate video in a modal box.
5. If “Allow quick grade” is checked, you can provide feedback and grades directly within this page for all assignments.
6. The grades and feedback are displayed in the course’s grade reports, as well as in the assignment page, following Moodle standards.