








## Kaltura Quick Start Guide

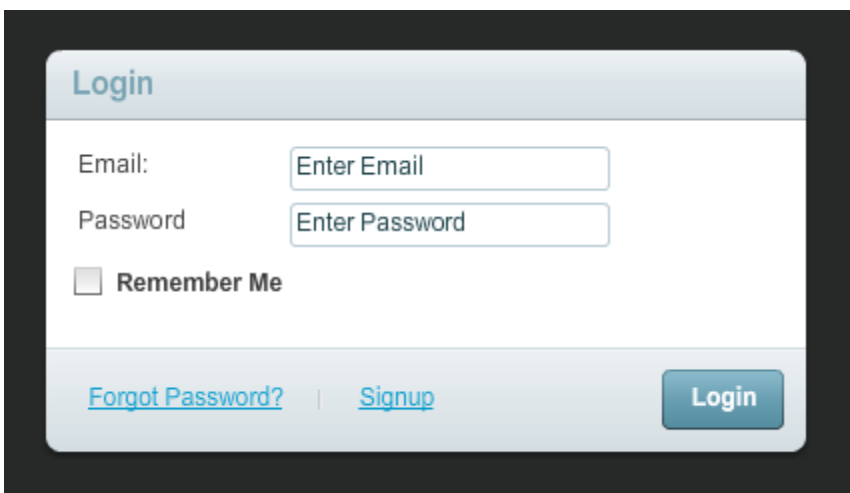
-  [Content Management](#) (Content Tab)
-  [Content Syndication & SEO](#) (Content Tab)
-  [Live Streaming](#) (Content Tab)
-  [Video Delivery Settings](#) (Settings Tab)
-  [Access Control Settings](#) (Settings Tab)
-  [Advertising](#) (Studio Tab)
-  [Player Design](#) (Studio Tab)

## Content Management

- [!\[\]\(95b42f0077faf7439a26242a54e021ec\_img.jpg\) Logging into the Kaltura Management Console \(KMC\)](#)
- [!\[\]\(e097ab4c08b8186dd0908330bbc2dc28\_img.jpg\) Uploading videos from your desktop to your website](#)
  - [Upload videos to the KMC](#)
  - [Embed videos on your site](#)
- [!\[\]\(1e9d865c5de095f8e3304757c49e79d7\_img.jpg\) Creating and embedding a playlist on your website](#)
  - [Manual Playlist](#)
  - [Rules Based Playlist](#)
  - [Embed a playlist on your site](#)
- [!\[\]\(735b10d724a5f0ec5005c4eb3eb9c9d1\_img.jpg\) Creating and managing content categories](#)
- [!\[\]\(e6250f05bc27fa93236b816562b699f9\_img.jpg\) Migrating content from your existing hosting / video service](#)

### Logging into the Kaltura Management Console (KMC)

Go to the Kaltura Management Console (KMC) at: <http://www.kaltura.com/index.php/kmc> and log-in with the credentials that you received in the “Kaltura Registration Confirmation” email.

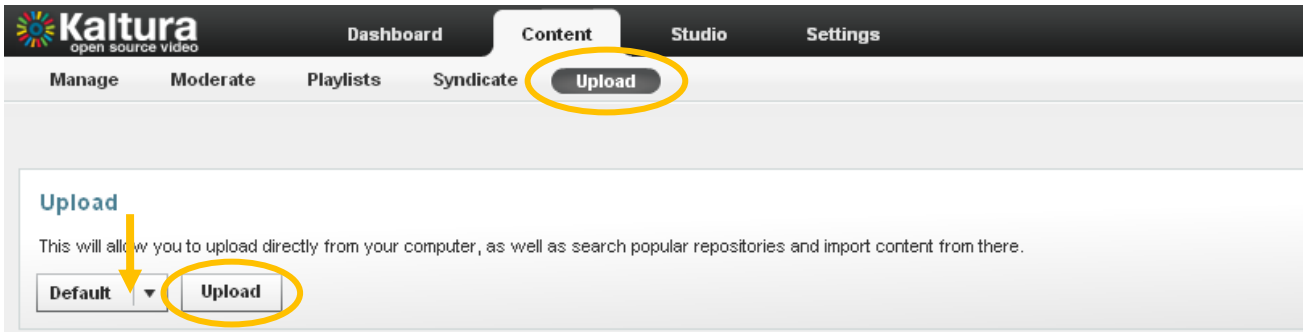


The screenshot shows a login form titled "Login" with a light blue header. Below the header, there are two input fields: "Email:" with a placeholder "Enter Email" and "Password" with a placeholder "Enter Password". Below these fields is a checkbox labeled "Remember Me". At the bottom of the form, there are two links: "Forgot Password?" and "Signup", separated by a vertical line. To the right of these links is a blue "Login" button.

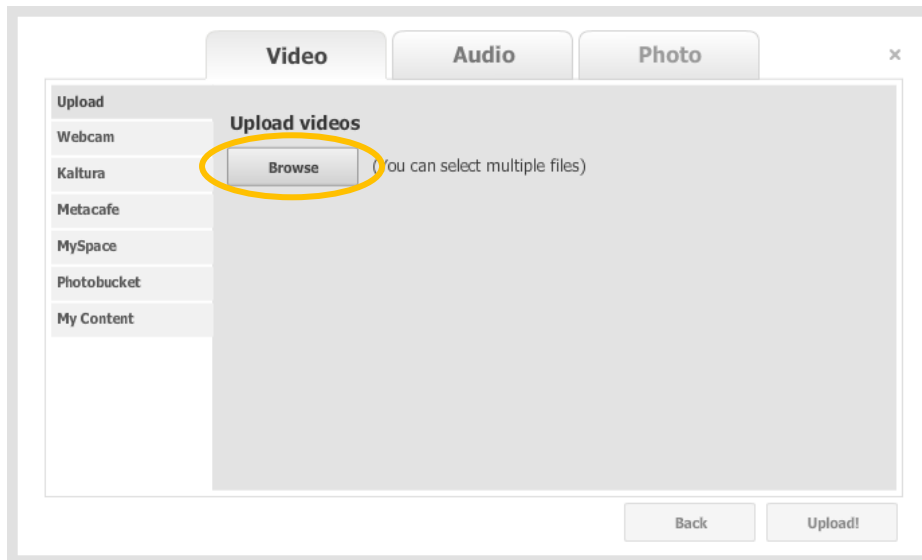
## Uploading videos from your desktop to your website

### Upload videos to the KMC

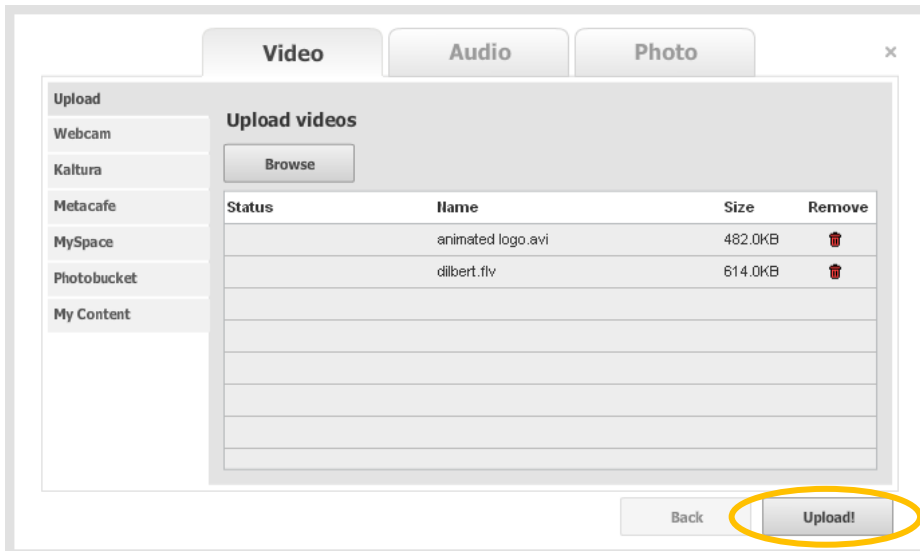
1. Go to the Content tab > Upload section.
2. Select the Transcoding Profile to use in this upload session using the drop-down menu
3. Click the Upload button to launch the Media Uploader.



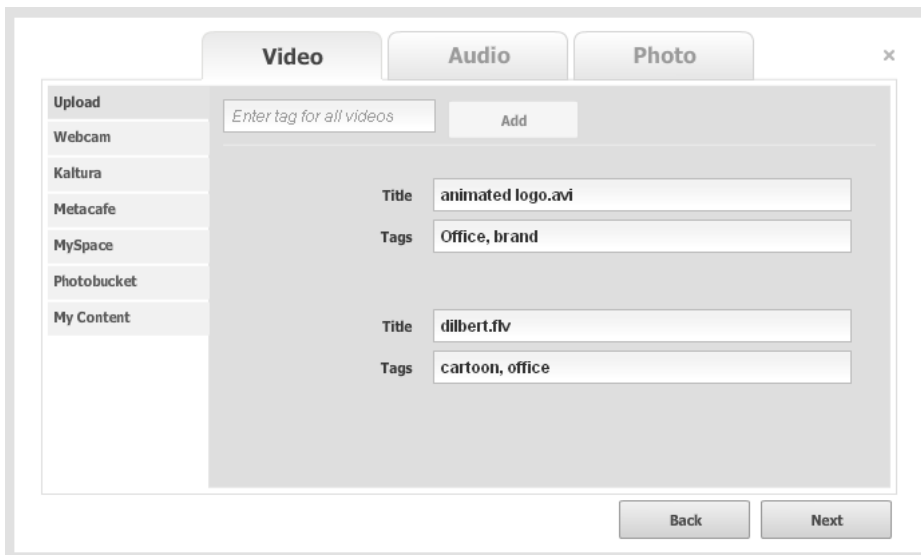
4. In the Media Uploader, click the browse button to select videos from your desktop. Hold down the CTRL key to select multiple files.



5. Click the upload button to start the file transfer



6. Add titles and tags to your videos.



7. After the system completes the file conversions you will be able to see your uploads and their status in the Manage tab.

## Embed videos on your site

1. In the Manage tab, locate the files that you want to place on your website and click on Preview & Embed

Thumbnail	Name	Type	Plays	Created On	Duration	Status	Publish
	dlibert.flv	Video	0	02/18/10 13:26	00:00	Converting	
	animated_logo.avi	Video	0	02/18/10 13:26	00:00	Converting	
	danmoor	Video	0	02/11/10 20:32	02:13	Live	<a href="#">Preview &amp; Embed</a>
	Trailer 3 (H264)	Video	0	02/11/10 20:32	02:21	Live	<a href="#">Preview &amp; Embed</a>
	Car racina 3 (H264)	Video	1	02/11/10 20:32	03:49	Live	<a href="#">Preview &amp; Embed</a>

2. Select your preferred player skin from the drop down menu and grab the embed code.

Entry ID: 0\_n1kx7sjw

KDP3 Light Player

Play Share

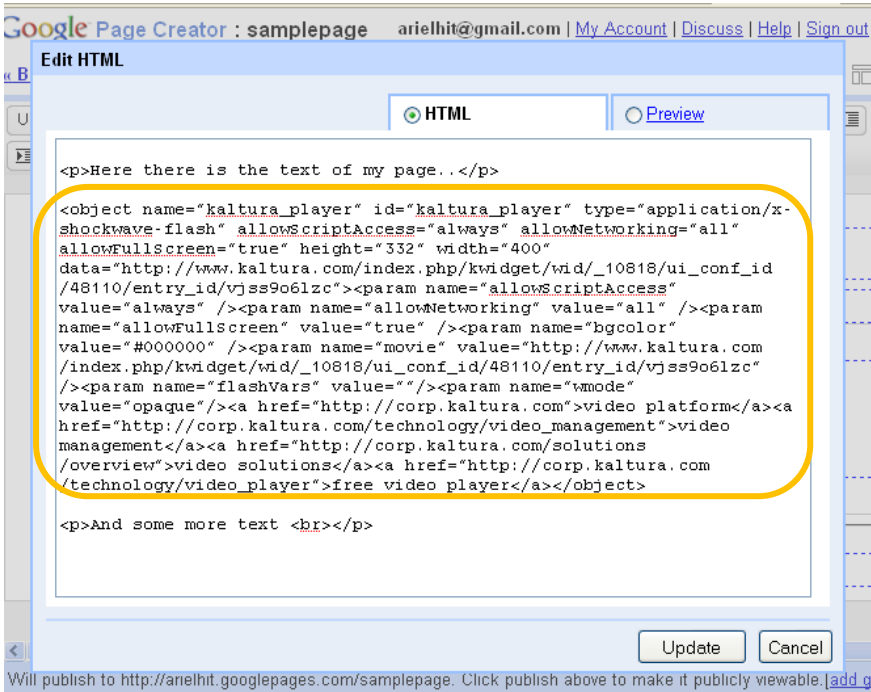
00:32 02:21

**Embed Code:**

```
<object id="kaltura_player" name="kaltura_player"
type="application/x-shockwave-flash" allowFullScreen="true"
allowNetworking="all" allowScriptAccess="always" height="330"
width="400" data="http://www.kaltura.com/index.php/kwidget
/cache_st/1266518860/wid/_7463/uiconf_id/48501/entry_id
/0_n1kx7sjw/"><param name="allowFullScreen" value="true"
```

Select Code

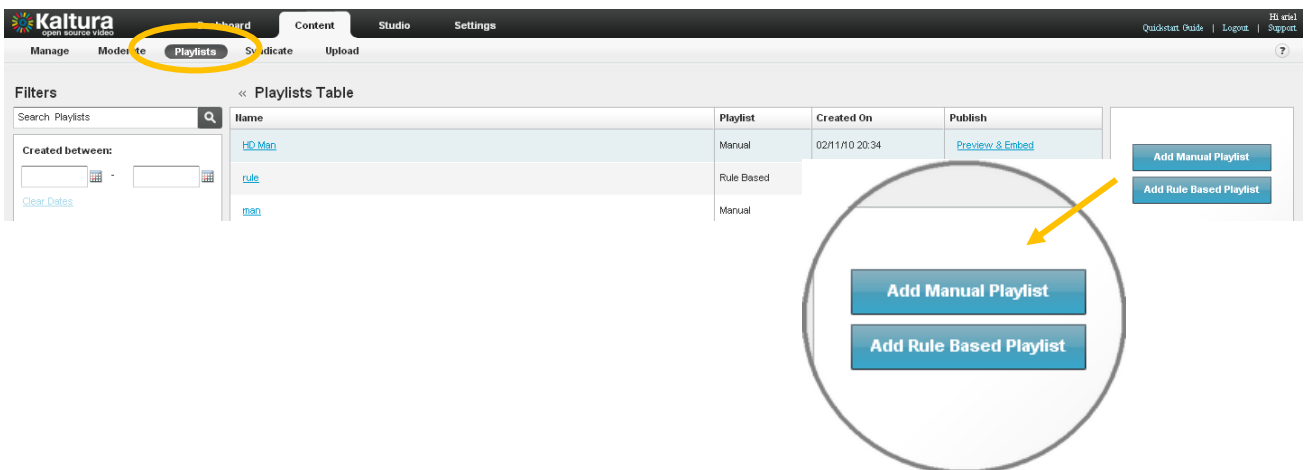
3. Add the embed code to your website HTML source and you're done



### Creating Playlists and embedding them on your website

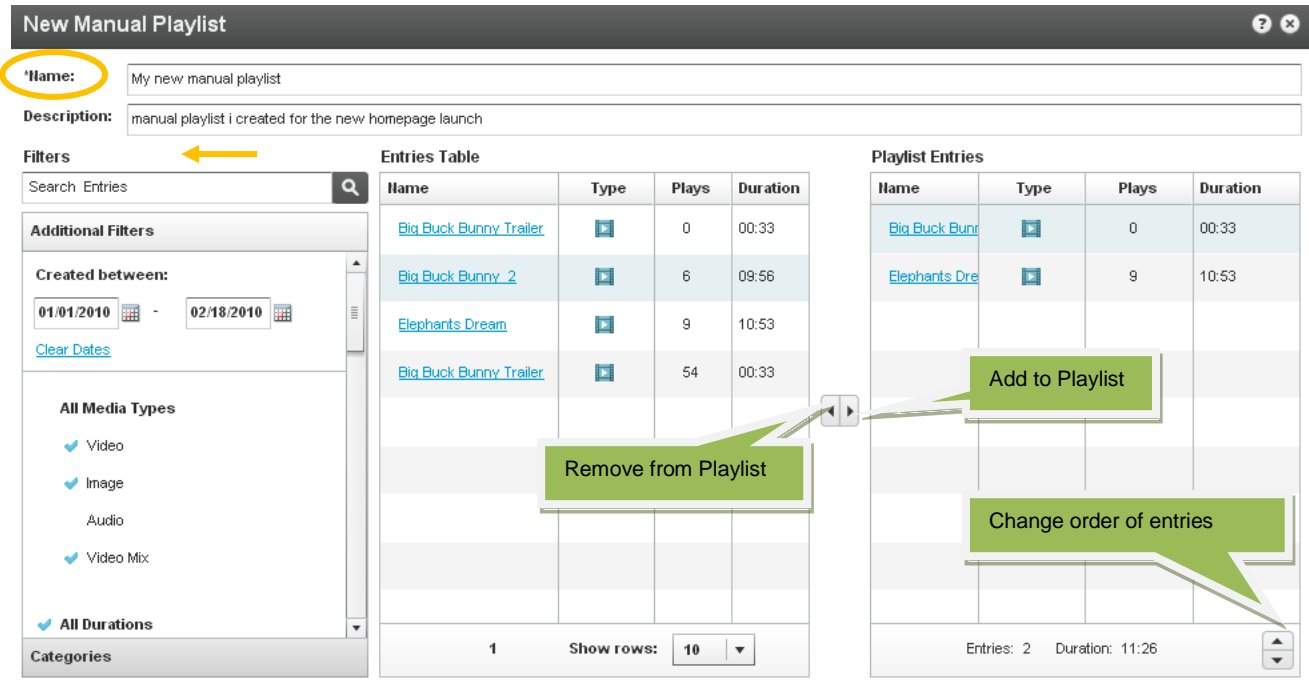
A playlist is a list of media items (videos, audios, images) that can be embedded with a player in your website. Manual playlists allow you to select a static list of items, while rules based playlists allow you to define a dynamic list.

Go to the Content tab >Playlist section and select either a Manual Playlist or a Rule Based Playlist



## Creating a Manual Playlist

1. Enter a name for your playlist (required) and select Manual in the Type field.
2. Using the Filters search for the entries you'd like to include - the results will appear in the Entries Table.
3. Add entries to your playlist by clicking the desired entry followed by the Add or Remove buttons.
4. Click "Save" to complete the process.



**New Manual Playlist**

**Name:** My new manual playlist

**Description:** manual playlist i created for the new homepage launch

**Filters**

Search Entries

**Additional Filters**

**Created between:** 01/01/2010 - 02/18/2010

[Clear Dates](#)

**All Media Types**

- Video
- Image
- Audio
- Video Mix

**Categories**

Entries Table			
Name	Type	Plays	Duration
<a href="#">Big Buck Bunny Trailer</a>		0	00:33
<a href="#">Big Buck Bunny_2</a>		6	09:56
<a href="#">Elephants Dream</a>		9	10:53
<a href="#">Big Buck Bunny Trailer</a>		54	00:33

Playlist Entries			
Name	Type	Plays	Duration
<a href="#">Big Buck Bun</a>		0	00:33
<a href="#">Elephants Dre</a>		9	10:53

1 Show rows: 10

Entries: 2 Duration: 11:26

**Save**

## Creating a Rules Based Playlist

A rules based playlist is a dynamic playlist that is automatically updated when content is uploaded or edited. For example you can create a "Most Viewed" playlist, a "Most Recent" playlist, as well as a playlist based on single or multiple filters, such as "videos tagged with "dogs" and created during January 2010".

Your playlist can be based on a single rule or multiple rules:

### Single Rule Playlist

1. Enter a name for your playlist (required).
2. Using the Filters search for the entries you'd like to include - the results will appear in the Entries Table.

Note: You can choose more than one type of filter (for instance, text search + date + media type), the logical relationship between fields will be an "AND" relationship.

3. Select your preferred video order from the Order By drop down menu

4. Select the total number of entries you'd like to include in the playlist via the Limit Playlist result box.
5. Click "Save Changes" to complete the process.

My new playlist 2
?
×

**Name:**

**Description:**

**Filters** ←

Animals

---

**Additional Filters**

**Created between:**

-

[Clear Dates](#)

**All Media Types**

Video

Image

Audio

Video Mix

---

**Categories**

[Switch to Advanced Mode](#)

**Playlist Entries**

Name	Type	Plays	Duration
<a href="#">Big Buck Bunny</a>		0	09:56
<a href="#">Car racing 3 (H2</a>		1	03:49
<a href="#">Trailer 3 (H264)</a>		0	02:21
<a href="#">dartmoor</a>		0	02:13
<a href="#">Elephants Dream</a>		0	10:58
<a href="#">Big Buck Bunny</a>		0	00:33
<a href="#">Companies to w</a>		0	02:30

Entries: 20 Duration: 01:21:18

Order by
**Most Recent** ▼
Limit Playlist Result

### Multiple Rule Playlist - Advanced Mode

Advanced Mode enables you to create playlists based on multiple rules.

1. Click Switch to Advanced Mode.
2. Enter a name for your playlist (required).
3. Click Add Rule to create a new playlist rule (see Single Rule Playlist to learn about creating rules)
4. Add any number of additional rules. Use the Remove Rule and Edit Rule buttons to make changes to your list of rules.
5. Rules will be applied to the playlist in the order they appear, so use the arrows to change the order of the rules



My new playlist 2 ? x

**Name:**

**Description:**

Type	Order by	Limit
Media Type VideoVideo MixAudioImage	Most Viewed	20
Media Type VideoVideo MixAudioImage	Highest Rated	33
Media Type VideoVideo MixAudioImage	Most Recent	15

Change the order of the rules

### Embedding a Playlist on your site

- Go to the Content tab > Playlists section and locate the playlist that you want to place on your website. Click on Preview & Embed.

Dashboard | Content | Studio | Settings

Manage | Moderate | **Playlists** | Syndicate | Upload

Filters

Search Playlists

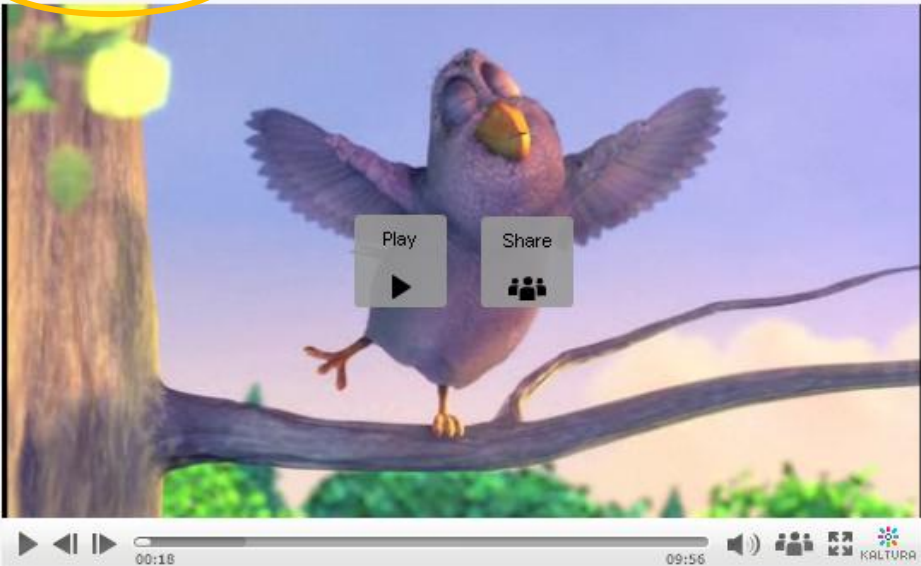
Created between:  -

Name	Playlist	Created On	Publish
<a href="#">My new playlist 3</a>	Rule Based	02/18/10 16:03	<a href="#">Preview &amp; Embed</a>
<a href="#">HD Man</a>	Manual	02/11/10 20:34	<a href="#">Preview &amp; Embed</a>

- Select your preferred playlist skin from the drop down menu and grab the embed code.

Playlist ID: 0\_32axix50

KDP3 Light Playlist



Big Buck Bunny 2  
A funny and furr...  
09:56

Elephants Dream  
Elephants Dream ...  
10:52

Embed Code:

```
<object id="kaltura_player" name="kaltura_player" type="application/x-shockwave-flash" allowFullScreen="true" allowNetworking="all" allowScriptAccess="always" height="330" width="740" data="http://www.kaltura.com/index.php/kwidget/cache_st1266530642/wid/_7463/uiconf_id/48504"><param name="allowFullScreen" value="true" /><param name="allowNetworking" value="all" /><param name="allowScriptAccess" value="always" /><param name="bgcolor" value="#000000" /><param name="flashVars" value="playlistAPI.autoContinue=true&playlistAPI.autoInsert=true&playlistAPI.kpIDName=HD Man&playlistAPI.kpIDUrl=http%3A%2F
```

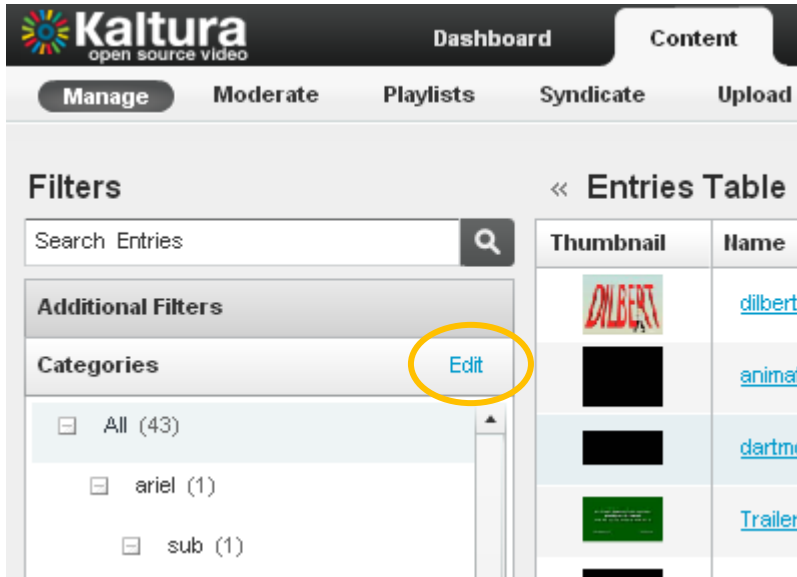
Select Code

6. Add the embed code to your website HTML source.

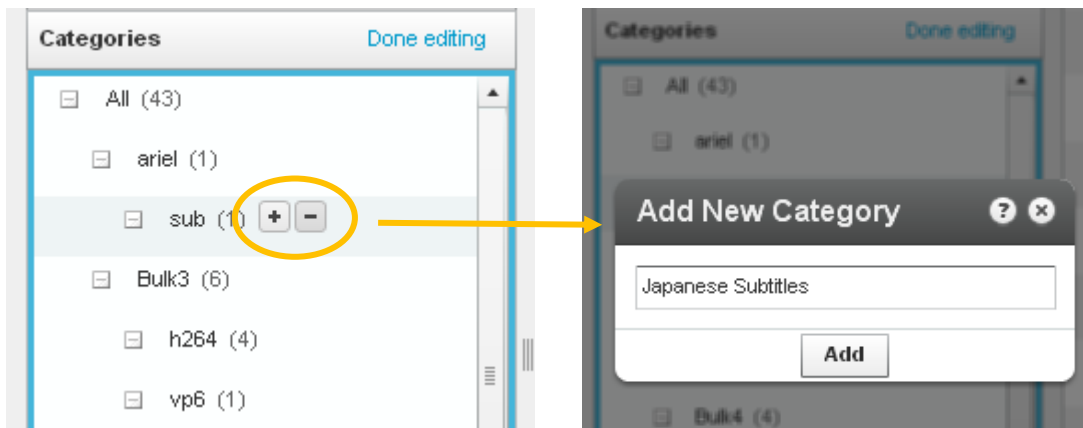
## Creating and Managing Content Categories

Media entries are divided into categories. The different categories are built in a tree-like hierarchy where each category can include multiple sub-categories.

1. To add a content category click Edit on the top left corner of the Filter bar.




2. Add or remove categories by clicking on the “+ / -” icons that appear when you hover with your mouse over a specific category.



3. To change the tree location of any category just drag-and-drop categories from one location to another.
4. To assign a media entry to a specific category, just drag-and-drop the entry from the entries table on the right to the desired category on the left.

### Migrating content from your existing hosting / video service – Bulk Upload Process

1. Go to the Content tab > Upload section > Import from Existing Host
2. Download the sample CSV file – the file contains examples of how to add the URLs and metadata of your existing content. Replace the sample data with your own.

 **Kaltura**  
open source video
Dashboard
Content
Studio
Settings

Manage
Moderate
Playlists
Syndicate
Upload


### Upload

This will allow you to upload directly from your computer, as well as search popular repositories and import content from there.

Default ▼
Upload

### Import from Existing Host

If the content you wish to upload is already hosted on the web, you can easily direct the Kaltura servers to import it for you.

1. Download the sample CSV file [here](#) 
2. Edit the CSV file locally - add the URLs of your content, and additional meta-data such as title, description, tags in the relevant columns.
3. Click Browse and select the CSV file you have edited.
4. Submit the CSV files so that the Kaltura servers will start to import the files.
5. Use the table below to keep track of the progress of your import.

Submit CSV

3. Click Submit CSV to upload the modified file.
4. The process is complete once the status in the table is Finished.

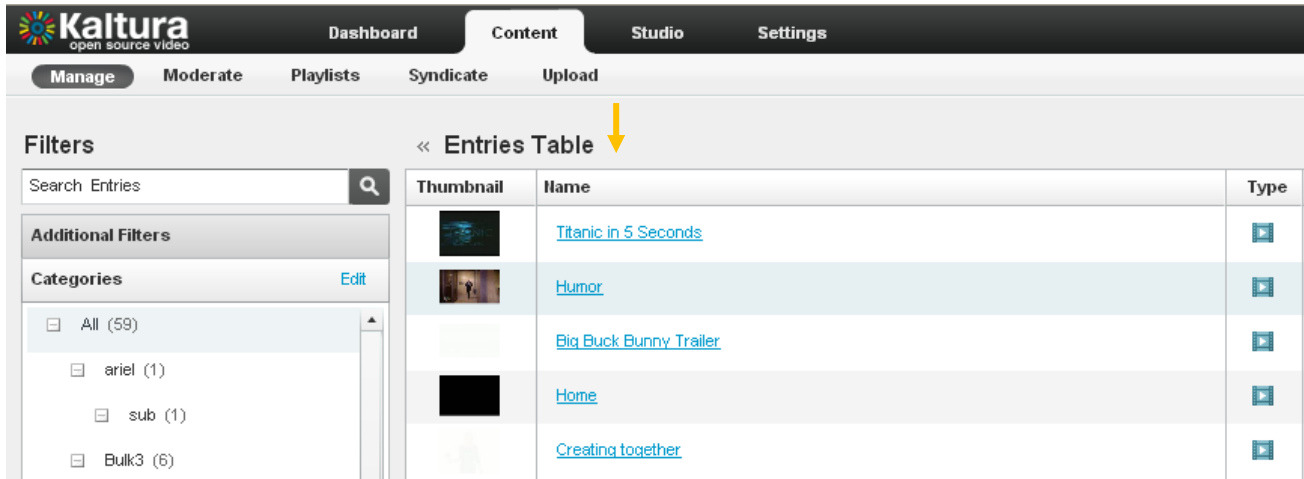
If the content you wish to upload is already hosted on the web, you can easily direct the Kaltura servers to import it for you.

1. Download the sample CSV file [here](#)
2. Edit the CSV file locally - add the URLs of your content, and additional meta-data such as title, description, tags in the relevant columns.
3. Click Browse and select the CSV file you have edited.
4. Submit the CSV files so that the Kaltura servers will start to import the files.
5. Use the table below to keep track of the progress of your import.

Submit CSV

Uploaded By	Uploaded On	Number Of Entries	Status	Error	Log File URL	CSV File URL
	02/21/10 11:33		Verifying file		<a href="http://www.kaltura.com/index.php/ext">http://www.kaltura.com/index.php/ext</a>	<a href="http://cdn.kaltura.com/index.php/extv">http://cdn.kaltura.com/index.php/extv</a>
	02/21/10 11:32				<a href="http://www.kaltura.com/index.php/ext">http://www.kaltura.com/index.php/ext</a>	<a href="http://cdn.kaltura.com/index.php/extv">http://cdn.kaltura.com/index.php/extv</a>
	02/21/10 11:32				<a href="http://www.kaltura.com/index.php/ext">http://www.kaltura.com/index.php/ext</a>	<a href="http://cdn.kaltura.com/index.php/extv">http://cdn.kaltura.com/index.php/extv</a>

5. The videos will now appear in the Entries table in the KMC Content tab > Manage section.



Dashboard Content Studio Settings

Manage Moderate Playlists Syndicate Upload

Filters











Search Entries

Additional Filters

Categories Edit

- All (59)
- ariel (1)
  - sub (1)
- Bulk3 (6)

« Entries Table

Thumbnail	Name	Type
	<a href="#">Titanic in 5 Seconds</a>	
	<a href="#">Humor</a>	
	<a href="#">Big Buck Bunny Trailer</a>	
	<a href="#">Home</a>	
	<a href="#">Creating together</a>	

## Content Syndication & SEO

### [Content Syndication](#)

- [TubeMogul](#)
- [iTunes](#)

### [SEO](#)

- [Google](#)
- [Yahoo!](#)

### Content Syndication

Kaltura allows you to create video feeds in multiple formats that are ready for submission to 3<sup>rd</sup> party platforms.

#### TubeMogul

This premium syndication service enables you to distribute your content to over 20 video portals including YouTube, Dailymotion, Metacafe, etc.

**Note:** requires a Kaltura-TubeMogul premium account ([contact us](#) to learn more)

1. Go to the Content tab > Syndicate section and click Create New Feed.



2. Enter the feed name (required), select TubeMogul from the Feed Type drop down, enter the TubeMogul Parameters and click Add Feed

**Add Video Feed**
?
✕

**'Feed Name:** →

**Select Content:**

All Content

Only content from this playlist

**Feed Type:** →

**TubeMogul Parameters:**

---

**Content Flavor:** →   Add to default transcoding profile

**Categories:** →

These categories will be use when pushing your content to the various sharing websites

---

3. Copy the Feed URL

**If you already have a Kaltura-TubeMogul account submit this feed to TubeMogul by following these steps:**

---

1. Copy the feed URL  ←

4. Login to your [Kaltura–TubeMogul account](#) and go to Advanced Tools > More Tools > select “MRSS Feed Manager” > Submit your feed

## iTunes

This feed allows you to submit your content to the iTunes Store as a podcast.

1. Go to the Content tab > Syndicate section and click Create New Feed.
2. Enter the feed name (required), select iTunes from the Feed Type drop down, enter the iTunes Parameters and click Add Feed
3. To test the feed before submitting to the iTunes Store:
  - (a) copy the URL
  - (b) Launch the iTunes application installed on your desktop
  - (c) Go to Advance > Subscribe to podcast and submit the feed URL
4. To **submit this feed** to the iTunes Store as a podcast/ video podcast:  
Note that you will need an active Apple ID and the iTunes application installed
  - (a) Copy the feed URL
  - (b) Go to <https://phobos.apple.com/WebObjects/MZFinance.woa/wa/publishPodcast> (launches iTunes application in the right page)
  - (c) Submit your feed

**This feed is ready for submission** [?] [X]

You can transcode any entry to H.264 for Export by going to the manage section of the entry, then open the specific entry that you would like to transcode, go to the Flavors tab, and select the "Convert" option.  
If you wish to transcode multiple entries into HQ MP4 for Export, please contact Kaltura professional services: <http://corp.kaltura.com/support/form/project/13>


**In order to test this feed before submitting to the iTunes Store please follow these steps (Note that you will need the iTunes application installed):**

1. Copy the feed URL
2. Launch the iTunes application installed on your desktop
3. Inside iTunes go to "Advance > Subscribe to podcast" and submit the feed URL there

**In order to submit this feed to the iTunes Store as a podcast/ video podcast, please follow these steps (Note that you will need an active Apple ID and the iTunes application installed):**

1. Copy the feed URL
2. Go to <https://phobos.apple.com/WebObjects/MZFinance.woa/wa/publishPodcast>  
(launches iTunes application in the right page)
3. Submit your feed

OK



## SEO

Submitting feeds to major search engines helps to increase your content's SEO, and ultimately direct more traffic to your website.

## Google

1. Go to the Content tab > Syndicate section and click Create New Feed.
2. Enter the feed name (required), select Google from the Feed Type drop down, enter the Google Parameters and click Add Feed



? x
**Add Video Feed**

**Feed Name:**

**Select Content:**

All Content

Only content from this playlist

**Feed Type:**

**Google Parameters:**

---

**Content Flavor:**   Add to default transcoding profile

**Landing Page:**

Enter the URL template that you would like to appear in the Google search results for each video in this feed. The system will append the specific entry id for each entry. For example: "http://mysite.com?videoid="

**Playback directly from Google?:**

Yes and use this video player:

This player will appear within the Google search results page

No, only linkback to my site

**Adult Content:**  This feed includes adult content

Add Feed

3. Submission of video feeds to Google is free of charge, yet requires some technical knowledge. It is recommended that your website's webmaster be available for assistance.

Here are the technical guidelines for submission:

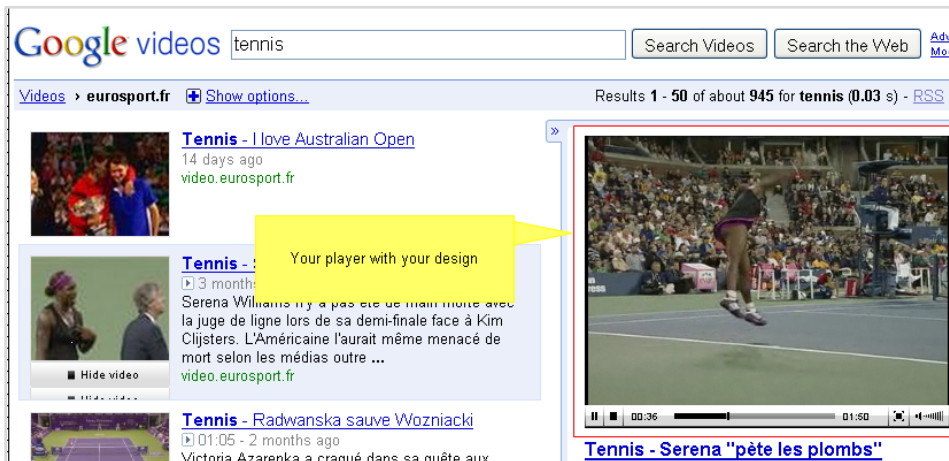
a. Google Webmaster Tool Setup

- Setup a Google Webmaster account for your website: <https://www.google.com/webmasters/tools/home>
- Setup your website in the Google Webmaster Tool – follow the directions here: <http://www.google.com/support/webmasters/bin/answer.py?hl=en&answer=34592>  
Make sure your site is valid based on the Google instructions.

b. Feed submission

- Create a server page on your website that redirects to this feed URL  
For example, for a php implementation save a php file named redirect.php with the following content (replace the XXXXX with your feed URL)  

```
<?php
Header( "HTTP/1.1 301 Moved Permanently" );
Header( "Location : XXXX" );
?>
```
- Login to the Google Webmaster Tool <https://www.google.com/webmasters/tools/home>
- Within the Google Webmaster Tool go to "Site configuration > Sitemaps > Submit a sitemap"
- Submit the feed as your redirect page in your site, for example <http://mysite.com/redirect.php>



## Yahoo!

1. Go to the Content tab > Syndicate section and click Create New Feed.
2. Enter the feed name (required), select Yahoo! from the Feed Type drop down, enter the Yahoo Parameters and click Add Feed

### Add Video Feed

**Feed Name:**

**Select Content:**

All Content

Only content from this playlist

**Feed Type:** 

**Yahoo Parameters:**

**Content Flavor:**   Add to default transcoding profile

**Landing Page:**

Enter the URL template that you would like to appear in the Yahoo search results for each video in this feed. The system will append the specific entry id for each entry. For example: "http://mysite.com?videoid="

**Playback directly from Yahoo?:**

Yes and use this video player:

This player will appear within the Yahoo search results page

No, only linkback to my site

**Web Site:**

**Feed Description:**

**Add Feed**

3. Copy the feed URL
4. Go to <http://video.search.yahoo.com/mrss/submit>
5. Fill in the form and submit your feed as a "Full feed"

## Live Streaming

### [Basic setup](#)

- [HW & SW setup](#)
- [Set up a stream in the KMC](#)
- [Broadcasting setup](#)
- [Viewing setup](#)

### [Advanced configuration options](#)

**Kaltura's Live Streaming is a paid service. To enable live streaming for your account [contact us](#) or call +1-800-871-5224**

Once your account has been enabled, follow the steps below to set up Kaltura's Live Streaming service.

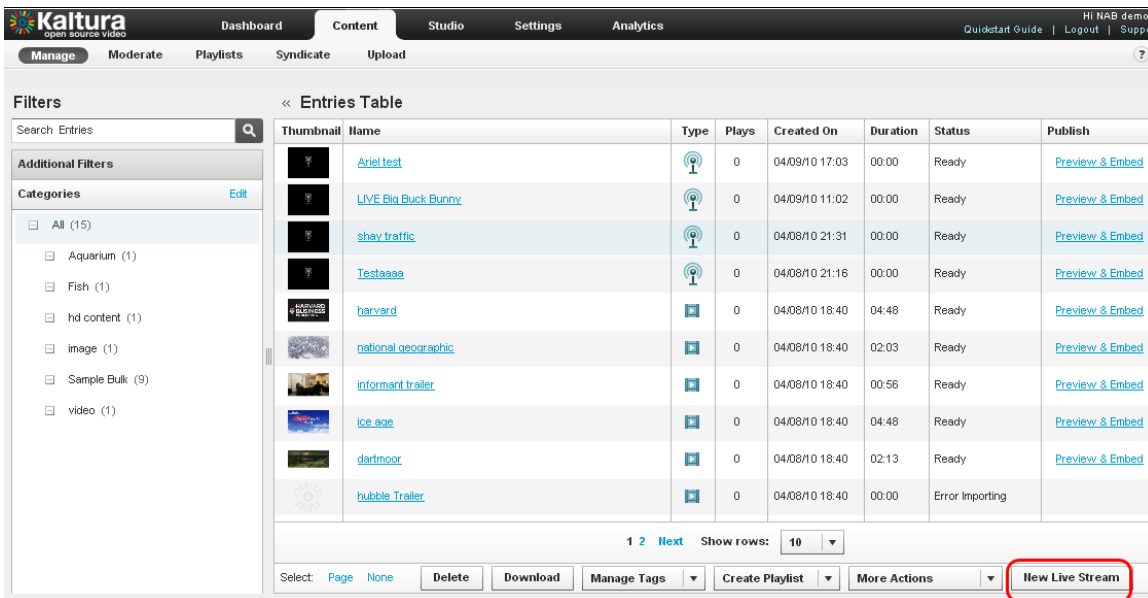
## Basic setup

### HW & SW setup

1. Download Flash Media Encoder (FME) from:  
<http://www.adobe.com/products/flashmediaserver/flashmediaencoder/>
2. Install FME on your local Windows machine (follow the FME installation guide and minimum requirements described in Appendix A of this document)
3. Connect your camera to the installed computer

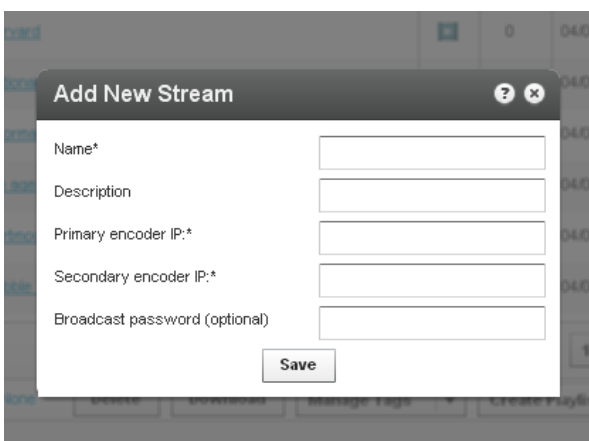
### Set up a stream in the KMC

1. Login into the Kaltura Management Console, navigate to the Content/ Manage tab and click on the “New Live Stream” button.



The screenshot shows the Kaltura Management Console interface. At the top, there are navigation tabs: Dashboard, Content, Studio, Settings, and Analytics. Below these are sub-tabs: Manage, Moderate, Playlists, Syndicate, and Upload. The main area displays an 'Entries Table' with columns for Thumbnail, Name, Type, Plays, Created On, Duration, Status, and Publish. The table lists several entries, including 'Ariel test', 'LIVE Big Buck Bunny', 'shav traffic', 'Testaaaa', 'harvard', 'national geographic', 'informant trailer', 'ice age', 'dartmoor', and 'hubble Trailer'. At the bottom of the table, there are pagination controls and a 'New Live Stream' button highlighted with a red rectangle.

2. Fill in the form with the following details:



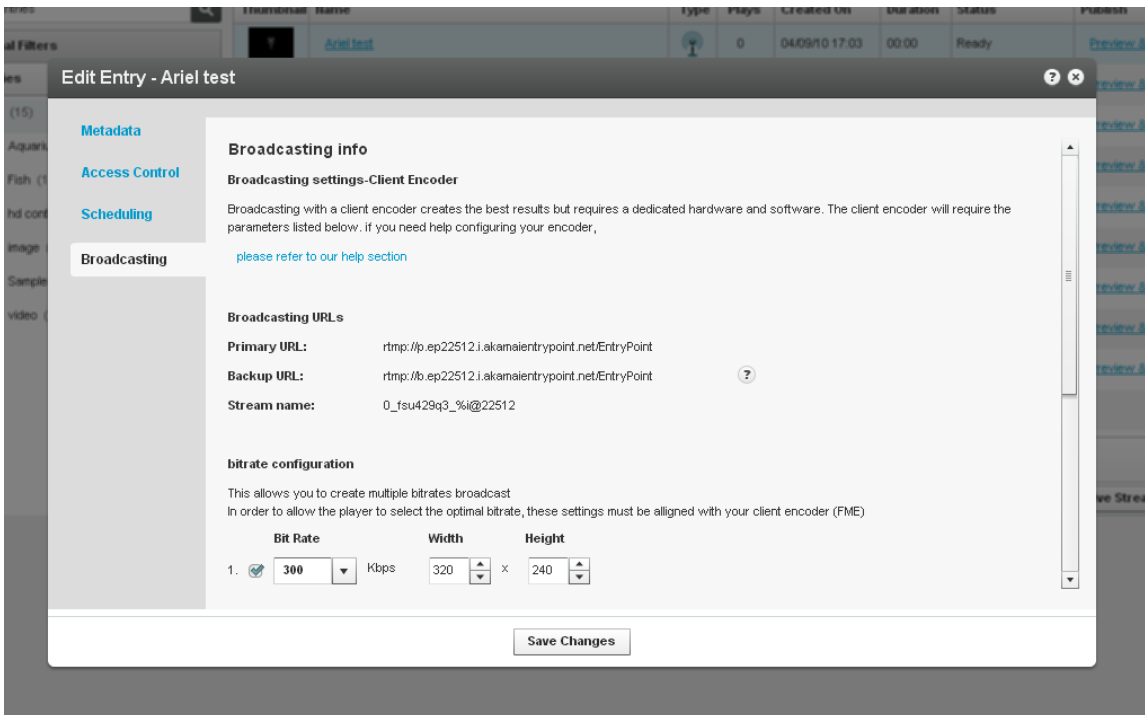
The screenshot shows the 'Add New Stream' form. It has a title bar with a question mark and a close button. The form contains five input fields: 'Name\*', 'Description', 'Primary encoder IP:\*', 'Secondary encoder IP:\*', and 'Broadcast password (optional)'. A 'Save' button is located at the bottom of the form.

- **Name** – the name of the stream that will appear in the KMC entries list
- **Description** – a description of the stream (optional)

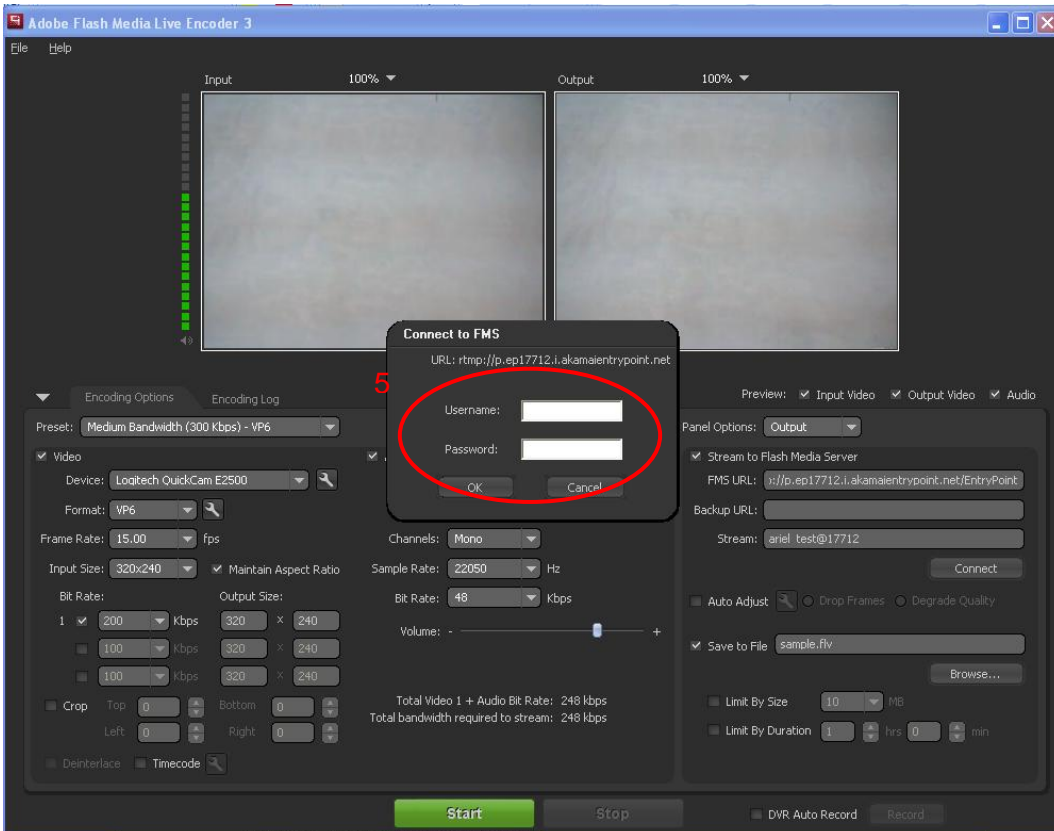
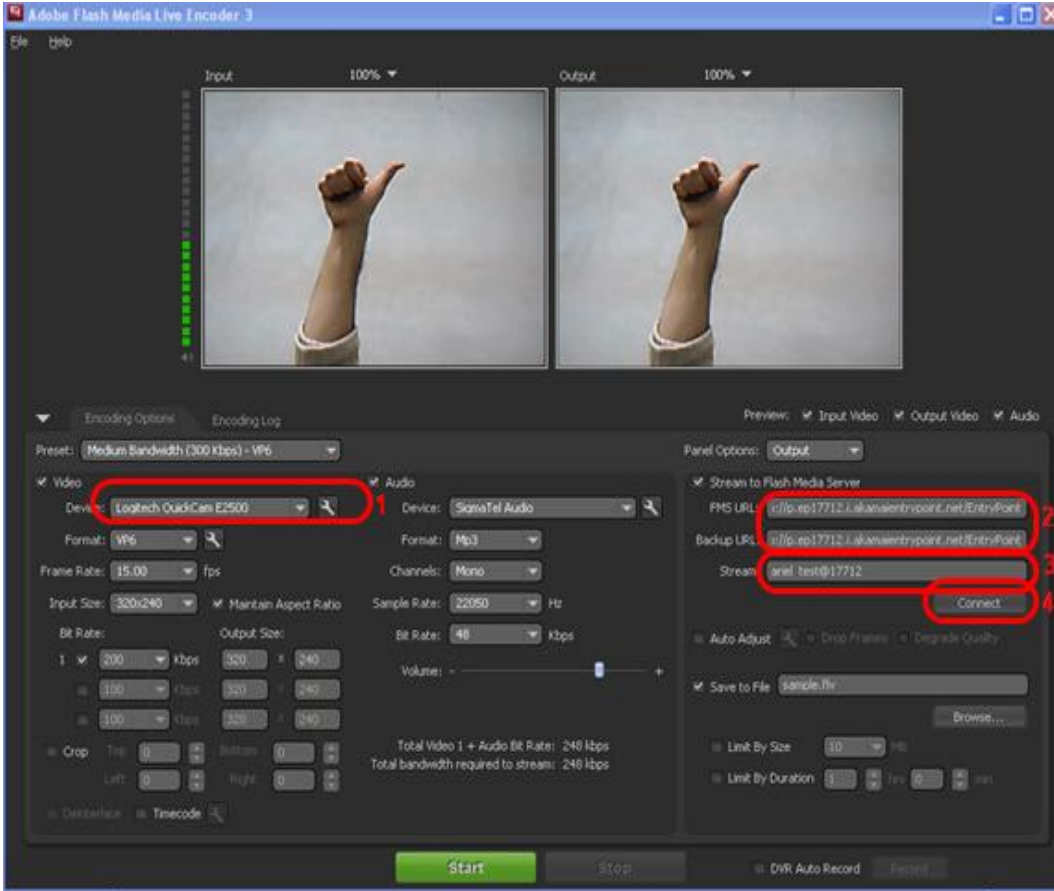
- **Primary encoder IP** – the public address that will be used for streaming (the computer where the client encoder is installed)  
Note: your IP address can be retrieved by browsing from the computer where the FME is installed to <http://www.whatismyip.com/>
- **Secondary encoder IP** – if you are using two encoders for redundancy, fill in the secondary encoder. If you are using only a single encoder, simply copy the Primary encoder IP to the secondary encoder IP field.
- **Broadcasting password** – the password required for broadcasting. You will be required to fill this into your client encoder (FME). If you do not chose a password the system will create one for you.  
Note: it may take up to 20 minutes until the stream is provisioned with the CDN.

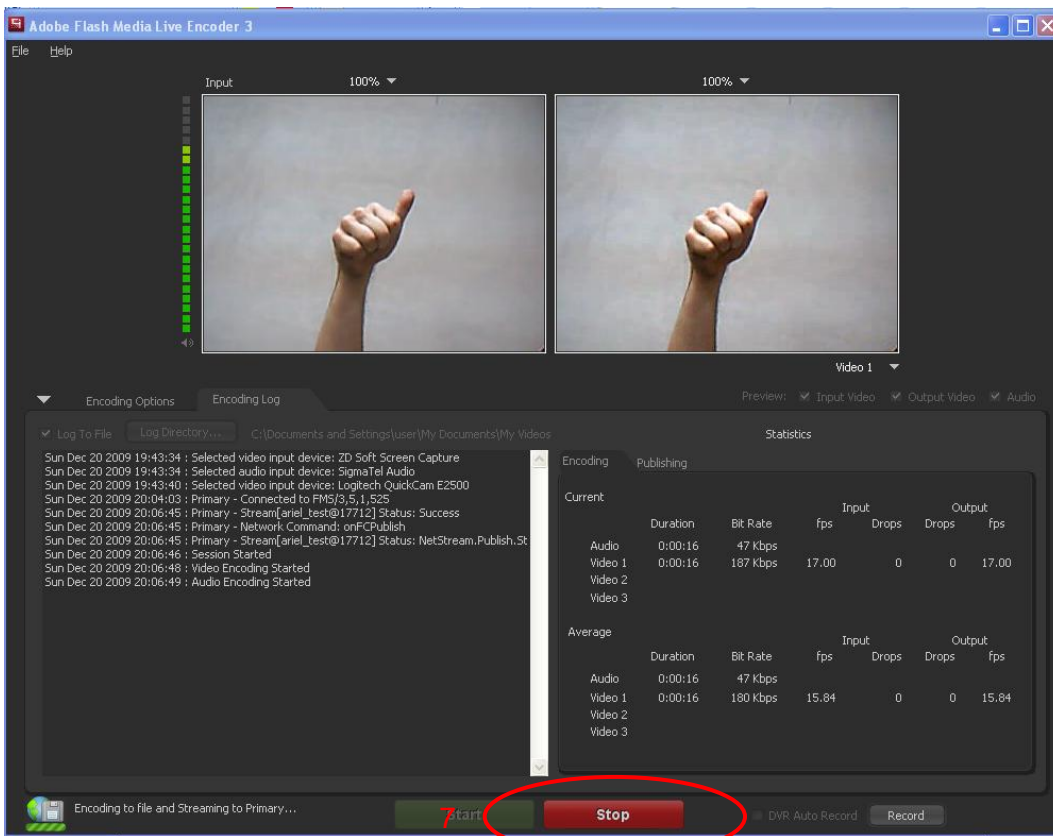
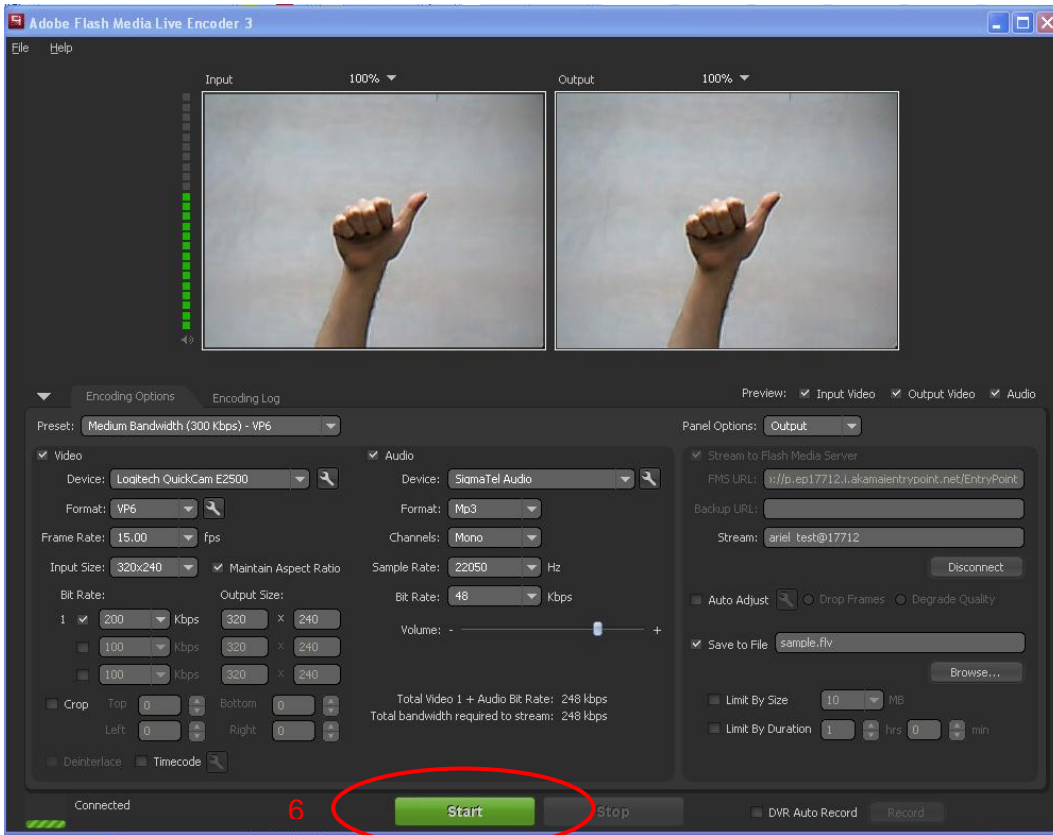
## Broadcasting setup

Go to the “Broadcasting” tab of the live entry you just created and copy the details to your FME, you can do this either by copying the details manually, or by using the “Export XML to FME” option:



- Connect your camera to the broadcasting computer
- Run the FME software
- Configure your FME with the following parameters:
  1. Select the relevant camera from the dropdown menu in the FME software
  2. Enter the Primary URL and Secondary URL as displayed in the KMC
  3. Enter the “stream name” as displayed in the KMC
  4. Click “Connect”
  5. Enter the “User Name” and “Password” as displayed in the KMC and click “OK”
  6. Click “Start” → you are now broadcasting
  7. When your broadcast is finished, click “Stop”

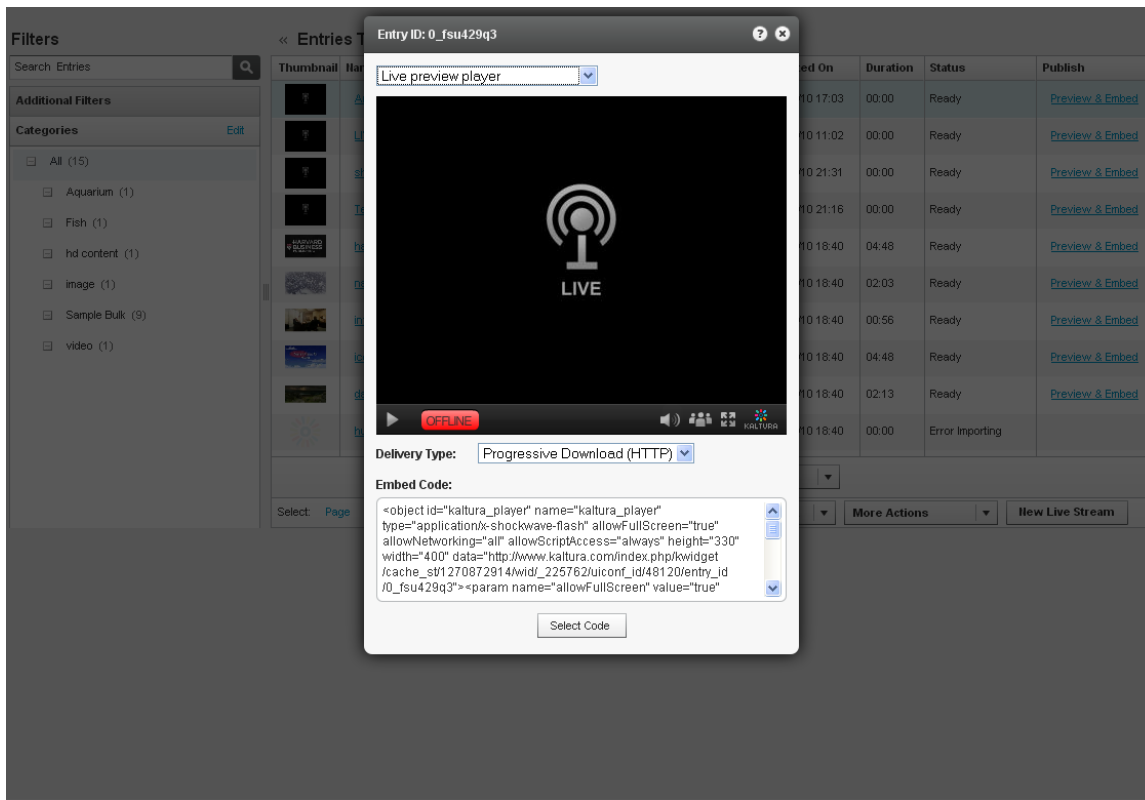






## Viewing setup

1. Click on the “Preview & Embed” link from the KMC



2. Select the player from the drop down menu and copy the embed code
3. Paste the embed code within an HTML page
4. Browse to the page where the embed code was inserted and press “play” on the video player.

## Advanced configuration options

There are multiple factors that influence the video quality for live streaming. In order to receive good results you should optimize the settings based on your specific needs.

The table below can be used as a starting point for optimization and setup - it provides a rough estimate for the different factors based on the video dimensions.

Video Dimensions	Bitrate Required (Mbps)	Camera Requirements	FME HW Requirements	Broadcaster Uplink, Viewer Downlink Requirements (Mbps)	Throughput example for 1000 concurrent viewers of 1 hour broadcast
320x240	0.3	support frame size & bitrate	Dual Core 2GB RAM	0.4	135 GB
640x480	1.4		Quad Core Xeon 3GB RAM	2	630 GB
1024x720	3.5		8 Core Xeon 3GB RAM	5	1600 GB



For further reading on how to set up these parameters in FME, as well as additional advanced configuration options please refer to the FME guide available at:

[http://help.adobe.com/en\\_US/FlashMediaLiveEncoder/3.0/Using/flashmedialiveencoder\\_3\\_help.pdf](http://help.adobe.com/en_US/FlashMediaLiveEncoder/3.0/Using/flashmedialiveencoder_3_help.pdf)

## Video Delivery Settings

### Video Delivery Settings

- [HTTP Delivery](#)
- [RTMP Delivery with Adaptive Bitrate](#)
- [Adding the flavor selector module](#)

### Video Delivery Settings

Choose between two types of video delivery settings - HTTP Delivery or RTMP Delivery with Adaptive Bitrate.

#### HTTP Delivery

With HTTP Progressive download, the digital media begins downloading and once a specified amount of data becomes available to the video player, the media begins to play while the rest of the data continues to buffer.

To select this delivery setting go to Content > Manage > Preview and Embed and select Progressive Download (HTTP) from the drop-down menu.

Entry ID: 0\_3xu9cvx0

KDP3 Light Player



00:00 10:58

**Delivery Type:** Progressive Download (HTTP)

**Embed Code:**

```
<object id="kaltura_player" name="kaltura_player" type="application/x-shockwave-flash" allowFullScreen="true" allowNetworking="all" allowScriptAccess="always" height="330" width="400" data="http://www.kaltura.com/index.php/kwidget/cache_sv1267046976/wid/_7463/uiconf_id/48501/entry_id/0_3xu9cvx0"><param name="allowFullScreen" value="true"
```

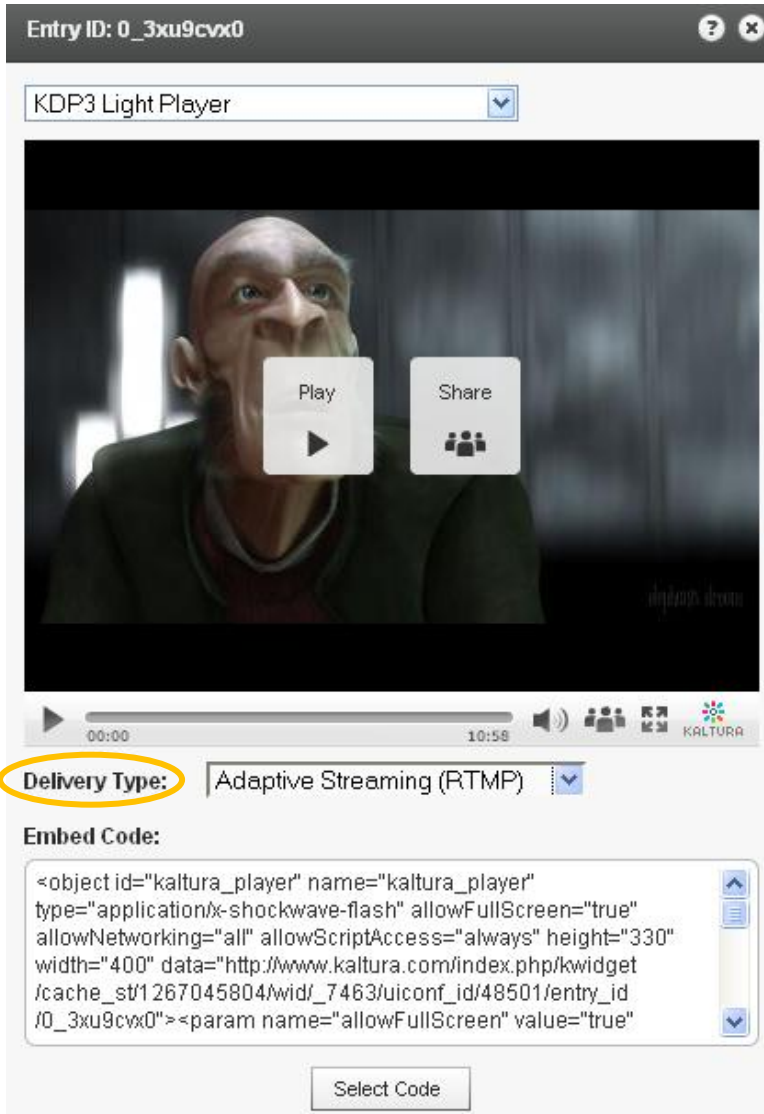
Select Code

## RTMP Delivery with Adaptive Bitrate

Adaptive bitrate is a technique of detecting a watcher's bandwidth and CPU capabilities in real time and then adjusting the quality of a video stream. The result is very little buffering, fast start time and a good experience for both high-end and low-end connections.

The RTMP protocol maintains a single persistent connection and allows real-time communication. Video and data are split into fragments, which then guarantees smooth delivery of video and audio streams.

To select this delivery setting go to Content > Manage > Preview and Embed and select Adaptive Streaming (RTMP) from the drop-down menu.



Entry ID: 0\_3xu9cvx0

KDP3 Light Player

Play Share

00:00 10:58 KALTURA

**Delivery Type:** Adaptive Streaming (RTMP)

**Embed Code:**

```
<object id="kaltura_player" name="kaltura_player" type="application/x-shockwave-flash" allowFullScreen="true" allowNetworking="all" allowScriptAccess="always" height="330" width="400" data="http://www.kaltura.com/index.php/kwidget/cache_st/1267045804/wid/_7463/uiconf_id/48501/entry_id/0_3xu9cvx0"><param name="allowFullScreen" value="true"
```

Select Code

## Adding the Flavor Selector Module

Any entry is available in various transcoding flavors. The flavor selector module allows the viewer to manually select the video flavor he wishes to watch, based on his preferences.

Note: If you are broadcasting with Adaptive RTMP then the flavor selector will be set to “auto”.

In order to add the flavor’s selector module:

1. Go to Studio > Players List and create a new player or edit an existing one.
2. In the Features tab, go to the Features List > Controls and check Flavor Selector.
3. Preview your selection and click Save Changes to complete the process.

### Create New Player

**Basics**

**Features**

Select Features from List:

Controls	
<input type="checkbox"/>	Title Text <a href="#">Options</a>
<input checked="" type="checkbox"/>	Your Watermark <a href="#">Options</a>
<input checked="" type="checkbox"/>	Left Play Counter <a href="#">Options</a>
<input checked="" type="checkbox"/>	Right Play Counter <a href="#">Options</a>
<input checked="" type="checkbox"/>	Flavor Selector <a href="#">Options</a>
<input checked="" type="checkbox"/>	Full Screen Button <a href="#">Options</a>
<input checked="" type="checkbox"/>	On-video Play Button <a href="#">Options</a>
<input checked="" type="checkbox"/>	Play/Pause Button <a href="#">Options</a>

\* Features that require additional configuration.

**Viral & Distribution**

**UGC & User Interaction**

**Subtitles & Transcriptions**

Entry ID: 0\_b4a90q1y

pl

**Delivery Type:** Adaptive Streaming (RTMP)

**Embed Code:**

```
<object id="kaltura_player" name="kaltura_player"
type="application/x-shockwave-flash" allowFullScreen="true"
allowNetworking="all" allowScriptAccess="always" height="360"
width="400" data="http://www.kaltura.com/index.php/kwidget
/cache_st/1267048608/wid_7463/uiconf_id/1236922/entry_id
/0_b4a90q1y"><param name="allowFullScreen" value="true"
```

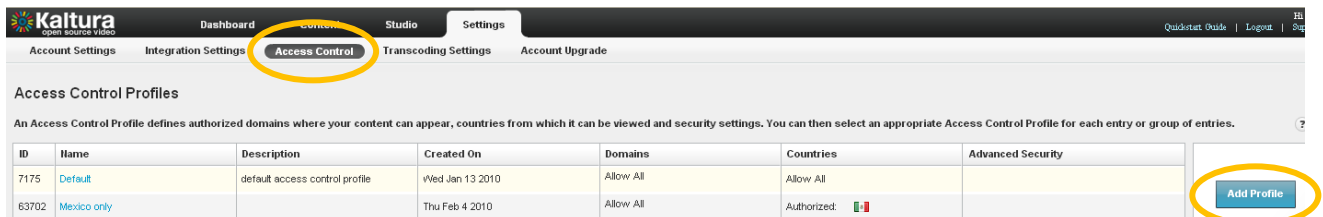
## Access Control Settings


### [Access Control Settings](#)

- [Domain Restrictions – Restricting content to specific domains](#)
- [Geo Restrictions - Restricting content to specific Countries](#)
- [Assigning an Access Control Profile to an Entry](#)
- [Content Scheduling](#)

### Access Control Settings

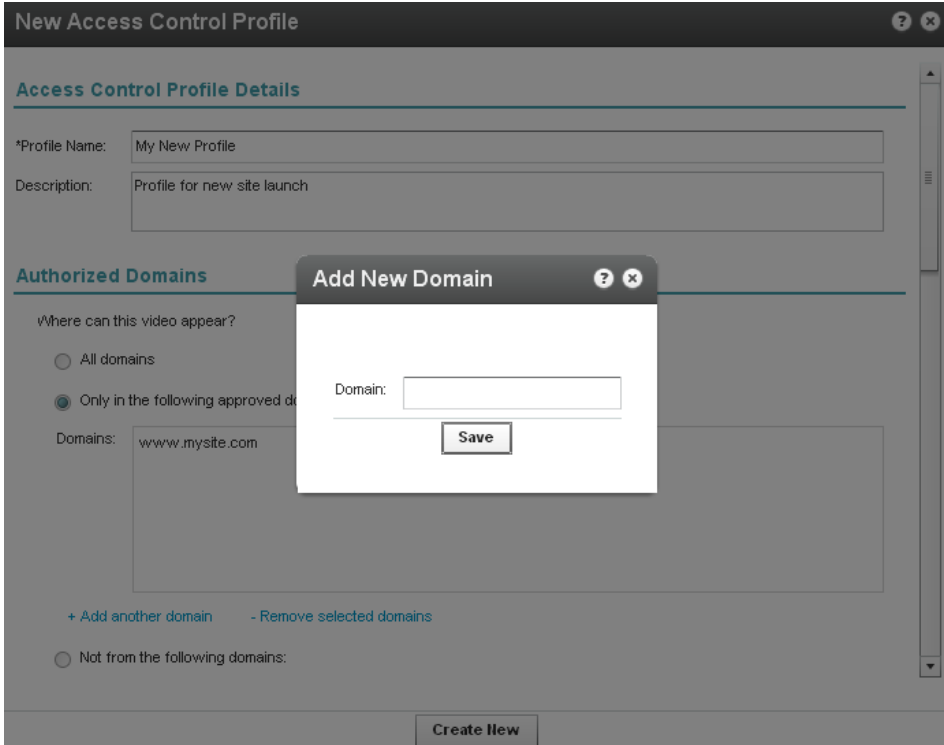
An Access Control Profile defines authorized and restricted domains where your content can or cannot appear, countries from which it can or cannot be viewed, Kaltura Network preferences and security settings. In this area you can view existing profiles and create new ones.



ID	Name	Description	Created On	Domains	Countries	Advanced Security
7175	Default	default access control profile	Wed Jan 13 2010	Allow All	Allow All	
63702	Mexico only		Thu Feb 4 2010	Allow All	Authorized: 	

### Domain Restrictions – Restricting content to specific domains

1. Go to the Settings tab > Access Control section and click Add Profile.
2. Enter an informative name for the new profile and give it a description.
3. Under Authorized Domains you can choose between allowing all domains, listing a group of approved sites or a list of domains to exclude.
4. To add or remove a domain click the ‘+ Add another domain’ or ‘– Remove selected domains’ links.
5. Continue to add other parameters or click Create New to save your new profile.



## Geo Restrictions - Restricting content to specific countries

1. Go to the Settings tab > Access Control section and click Add Profile.
2. Enter an informative name for the new profile and give it a description.
3. Scroll down to the Authorized Countries section and choose to allow viewers from any country, select a group of approved countries or a group of excluded countries.
4. Use the '+Add / -Remove countries' link to add or remove countries.
5. Continue to add other parameters or click Create New to save your new profile.

? x
**New Access Control Profile**


---


**Authorized Countries**


Where can the viewers come from?

Anywhere  
 Only from the following countries:

Countries:

 Argentina

 Australia

 Canada

[+ Add / - Remove countries](#)

Not from the following countries:

### Assigning an Access Control Profile to an entry

1. Go to Content > Manage section and click on the Entry to which you want to assign an Access Control Profile.
2. Go to the Access Control tab and select an existing Profile from the drop-down menu.
3. Click Save Changes to complete the process

Dashboard Content Studio Settings

Playlists Syndicate Upload

**Edit Entry - Titanic in 5 Seconds**

Metadata

Access Control

Scheduling

Flavors

Mixes

**Profile Details:**

Access Control Profile: Default Add Profile

Profile Name: Default

Description: Mexico only

Domains: Any Domain

Countries: Any Country

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## Content Scheduling

Content Scheduling determines when your entry will be displayed on your website.

1. Go to Content >Manage section and click on an Entry.
2. Go to the Scheduling tab and select and set your specific time range.
3. Click Save Changes to complete the process

### Edit Entry - Titanic in 5 Seconds

- Metadata
- Access Control
- Scheduling**
- Flavors
- Mixes

#### Entry Scheduling:

Any Time

Specific Range

Note: Time Zone used is (GMT+2)

Start Date:

End Date:

[Clear Dates](#)



## Advertising

### [Advertising](#)

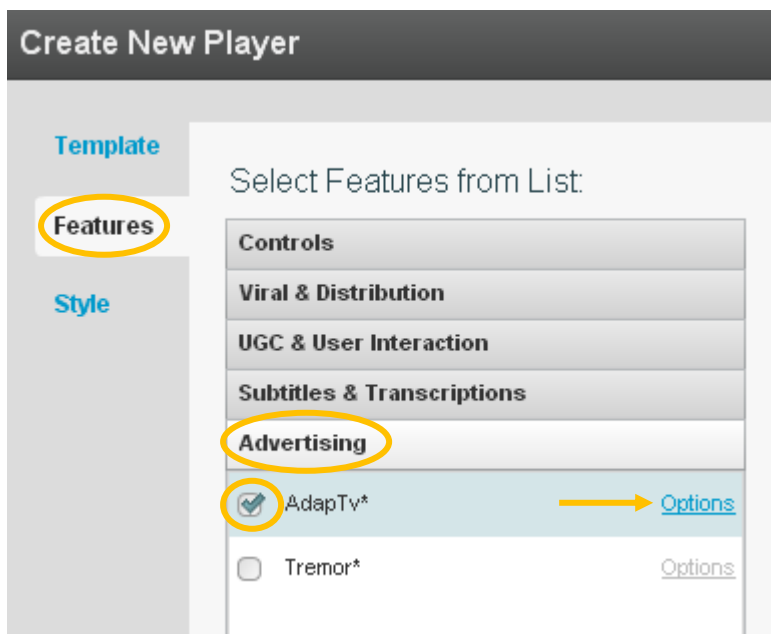
- [Connecting with Ad Servers and networks via AdapTV](#)
- [Connecting with Tremor Media](#)

### Advertising

#### Connecting with Ad Servers and networks via adap.tv

To add adap.tv's service to your Kaltura players start by signing up with adap.tv ([Contact us](#) to learn more) – you will then receive an adap.tv Partner Key.

1. Go to the Studio tab and edit an existing player or create a new one.
2. In the Features tab, open the Advertising section from the features list.
3. Check the adap.tv box and then click Options.



4. Enter your adap.tv Partner Key and click Apply.

## Edit Player

- Template
- Features**
- Style

### Advertising Component

Allows you to include various types of video ads in your videos. Please enter your credentials below and you will be transferred to the advertising management system to set up your ads. If you do not have credentials and would like to add video ads to your account, please contact Kaltura Professional Services.

Adap.tv Partner Key

Adap.tv Zone ID

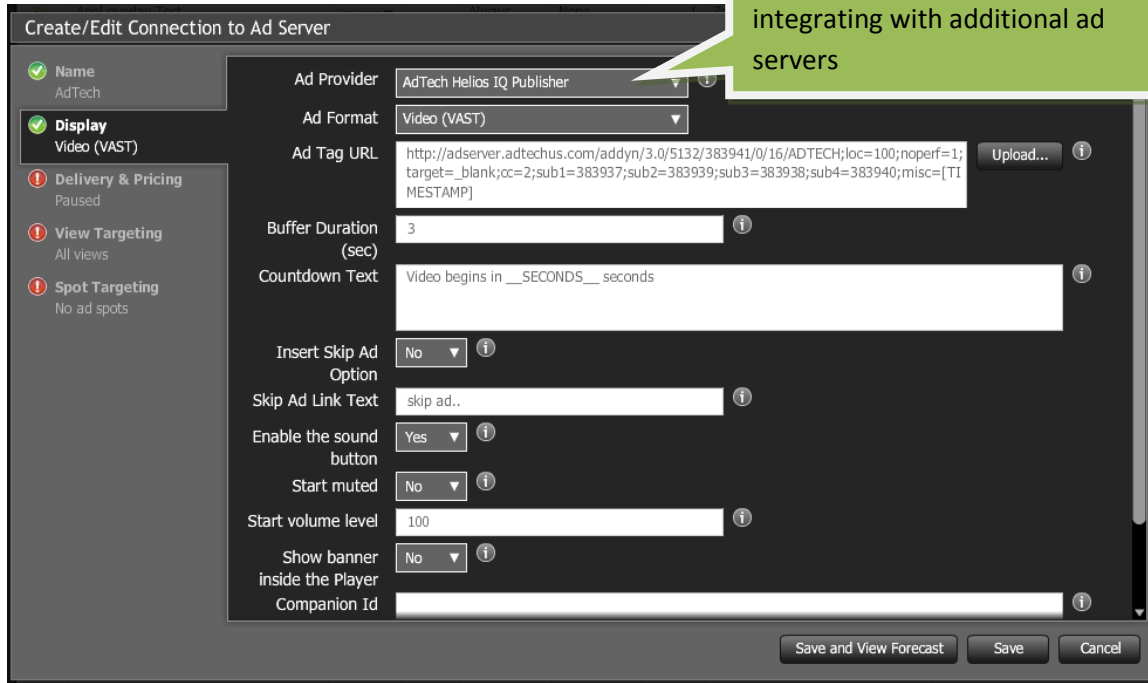
Pre sequence index

post sequence index

5. Target, manage and customize your ads via the [adap.tv console](#)
6. Via adapt.tv you can also connect to additional ad servers & ad networks such as AdTech, Atlas, DART, OpenX, Advertising.com, ScanScout , SpotExchange, Google AFV, AdBrite, AdDynamic, AdEngage, AdFish, AdoTube and over 20 other networks and servers.

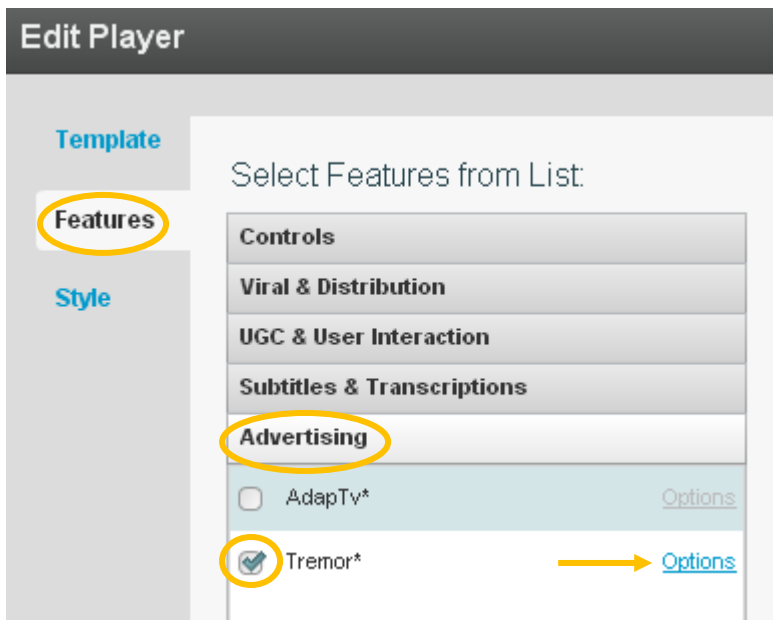
For example connecting to DART via adapt.tv would simply require pasting the Ad Tag URL the AdTech Server supplies.

Adpa.tv onsource console:  
integrating with additional ad  
servers



### Connecting with Tremor Media

1. To add Tremor Media’s service to your Kaltura players start by signing up with Tremor Media ([Contact us](#) to learn more) – you will then receive a Tremor Media Program ID.
2. Go to the Studio tab and edit an existing player or create a new one.
3. In the Features tab, open the Advertising section from the features list.



4. Check the Tremor box and then click Options.
5. Type your key in the "Acudeo program id" field and click Apply

### Edit Player

- Template
- Features**
- Style

#### Advertising Component

Allows you to include various types of video ads in your videos. Please enter your credentials below and you will be transferred to the advertising management system to set up your ads. If you do not have credentials and would like to add video ads to your account, please contact Kaltura Professional Services.

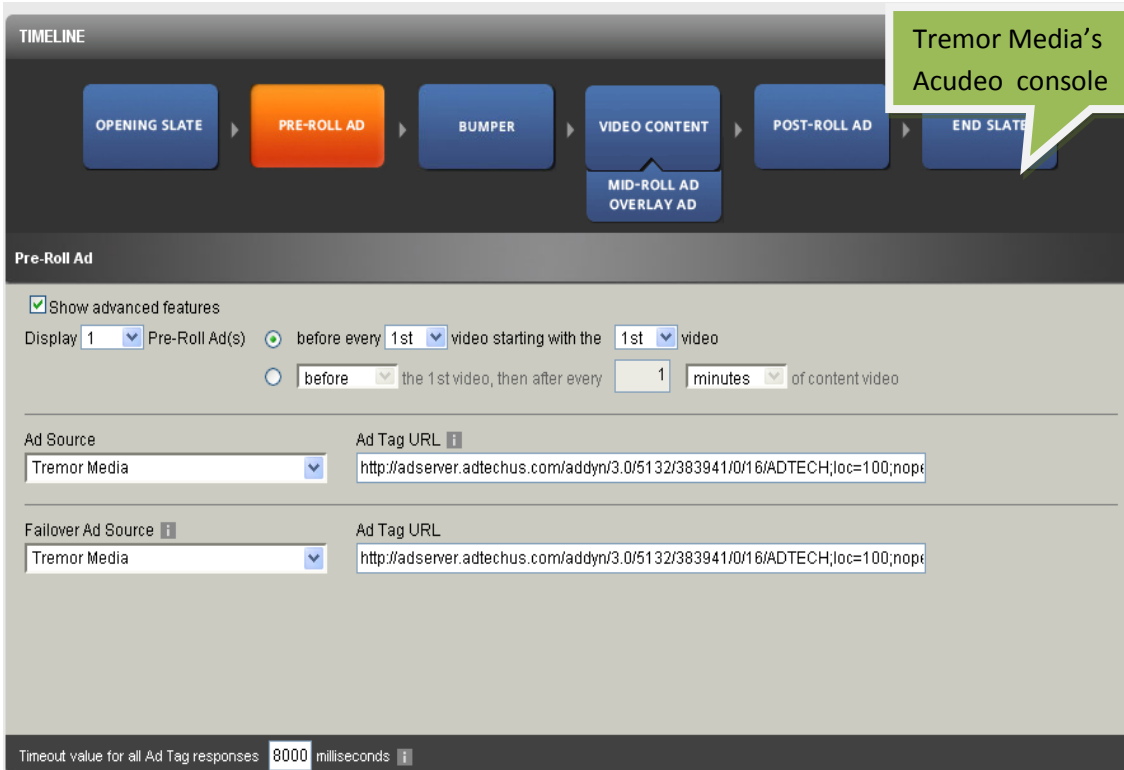
Acudeo program id

Pre sequence index

post sequence index

Target, manage and customize your ads via the [Tremor Media console](#) (Acudeo).

Via Tremor Media's Acudeo console you can specify ad sources for each ad slot within your content.



## Player Design

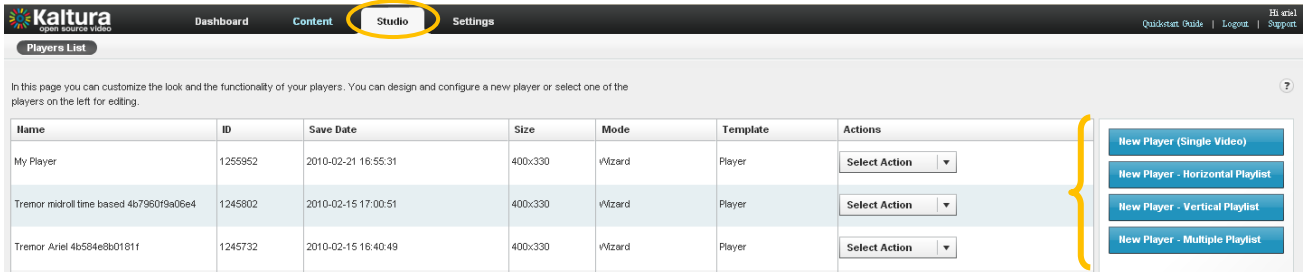
### [Designing and Configuring a New Player or Playlist](#)

- [Configuring the player settings](#)
- [Configuring the player features](#)
  - [Additional feature configuration options for playlists](#)
- [Configuring the player style](#)
- [Creating a Multiple Playlist](#)

### [Designing and Configuring a New Player or Playlist](#)

The Studio section of the KMC enables you to create new configurations and design for players and playlists. Add, remove and adjust multiple buttons and features, and create a look to match your site.

Start by logging-in to the KMC and going to the Studio tab. Select the type of player you would like to create: player, player with playlist (horizontal/vertical) or player with multiple playlists.

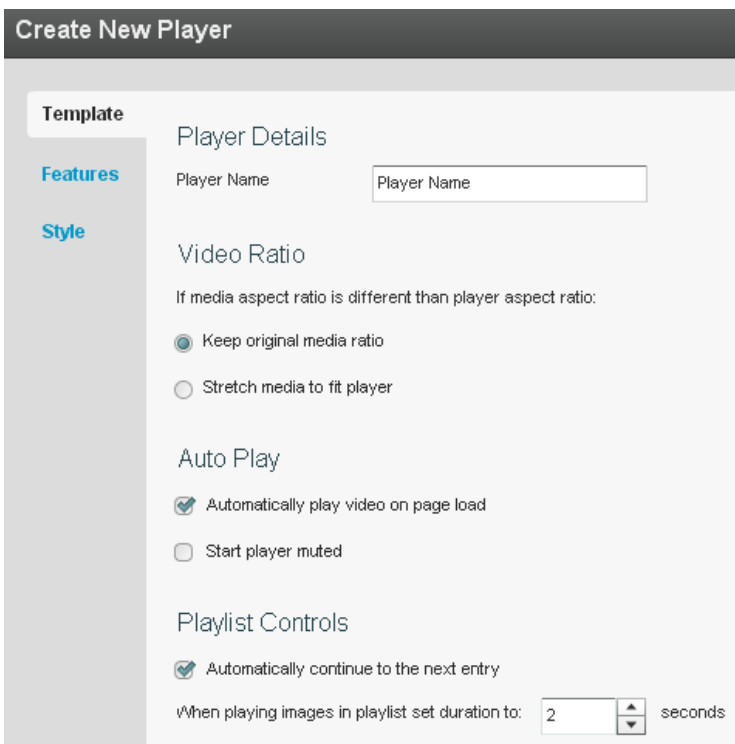


The screenshot shows the Kaltura Studio interface. At the top, there are navigation tabs: Dashboard, Content, Studio (highlighted with a yellow circle), and Settings. Below the navigation is a 'Players List' section. A table lists three players with columns for Name, ID, Save Date, Size, Mode, Template, and Actions. To the right of the table is a sidebar with four buttons: 'New Player (Single Video)', 'New Player - Horizontal Playlist', 'New Player - Vertical Playlist', and 'New Player - Multiple Playlist'.

Name	ID	Save Date	Size	Mode	Template	Actions
My Player	1255952	2010-02-21 16:55:31	400x330	vizard	Player	Select Action ▼
Tremor midroll time based 4b7960f9a06e4	1245802	2010-02-15 17:00:51	400x330	vizard	Player	Select Action ▼
Tremor Ariel 4b594e8b01811	1245732	2010-02-15 16:40:49	400x330	vizard	Player	Select Action ▼

## Configuring the Template Settings

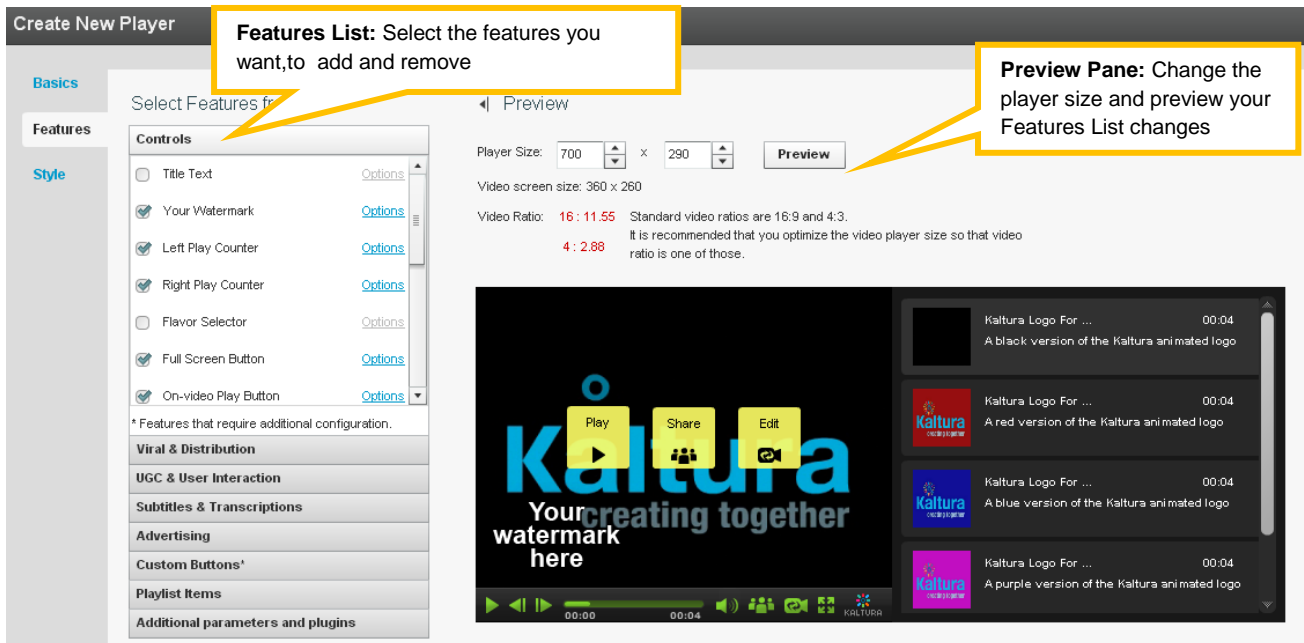
1. Begin by selecting a name for your player (required). We suggest choosing an informative name – it will help you when you're ready to embed players into your site.
2. Set the Video Ratio – select normal/wide and opt to either keep or stretch your media to fit the player when the media and player aspect ratios are different.
3. Select auto-play features
4. If you're creating a Player & Playlist you'll also see the Playlist Controls – check "Automatically continue" to play the playlist media consecutively. For playlists with images, set the duration for images to be displayed during the continuous play of the playlist.



The screenshot shows the 'Create New Player' form. It has a sidebar with 'Template', 'Features', and 'Style' sections. The main content area is titled 'Player Details' and includes a text input for 'Player Name'. Below that is the 'Video Ratio' section with radio buttons for 'Keep original media ratio' (selected) and 'Stretch media to fit player'. The 'Auto Play' section has checkboxes for 'Automatically play video on page load' (checked) and 'Start player muted'. The 'Playlist Controls' section has a checkbox for 'Automatically continue to the next entry' (checked) and a spinner control for 'When playing images in playlist set duration to: 2 seconds'.

## Configuring the Player Features

In the Features Tab you can select the features (buttons, layers and modules) to be included in your player. Any changes you make will appear in the preview area (click Preview button to see changes you've made).



**Features List:** Select the features you want to add and remove

**Preview Pane:** Change the player size and preview your Features List changes

The features list is made up of different sections, controlling the various features of the player.

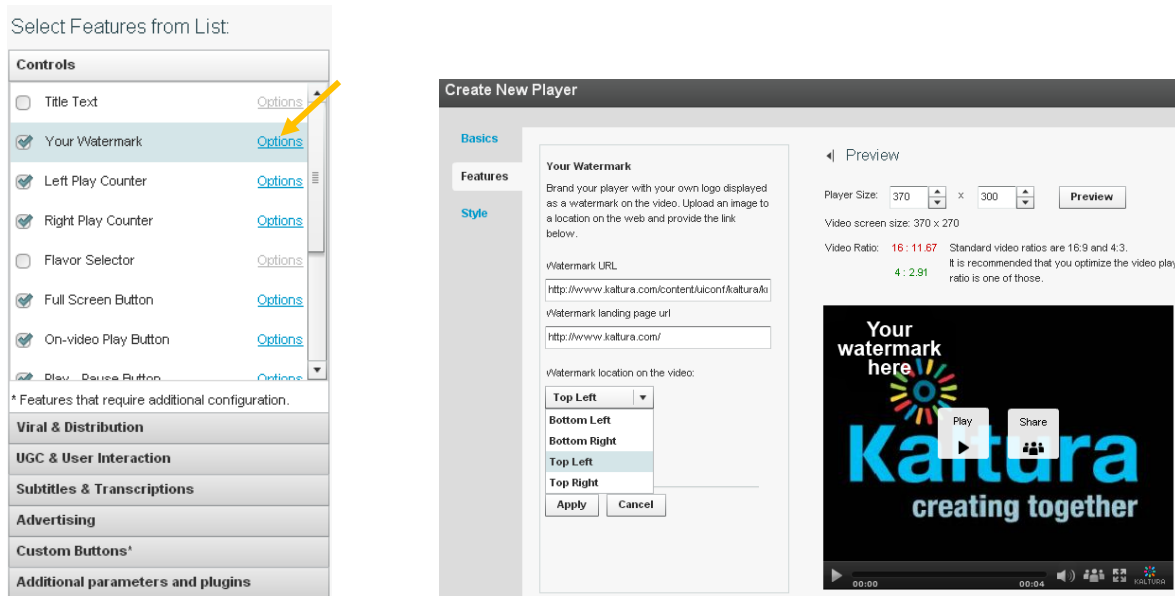
Player (A) below displays the default settings. The following instructions will show you how to create a more customized player, for example, Player (B).

**Note that Player (B) presents only one of many set-up scenarios.** There are many configuration options within this section. Click the Help button on the top right of any page to learn more.



1. Change the location of the watermark logo  
Go to Controls → Watermark → click Options

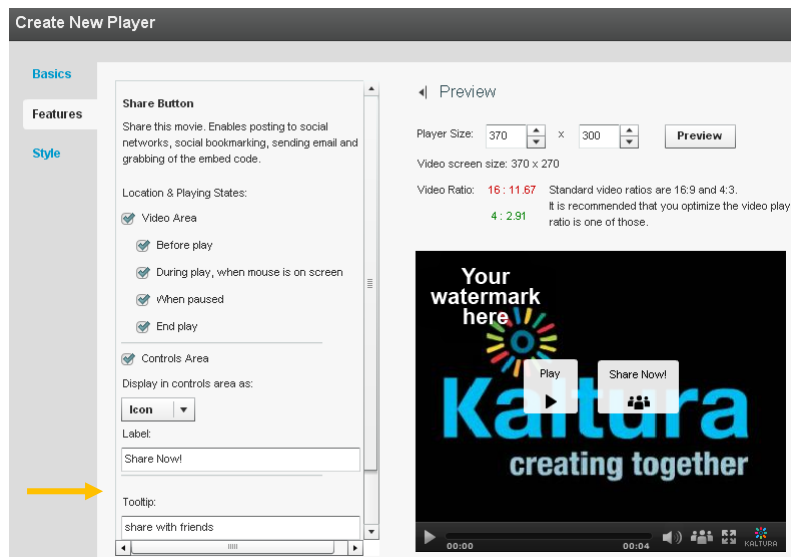
In the Watermark Location drop-down menu select Top Left, click Preview and then Apply to confirm your choice



## 2. Change the label of the Share button

Go to Viral & Distribution → Share Button → Options

Locate the Label field and change the default text to "Share now!", then click Apply

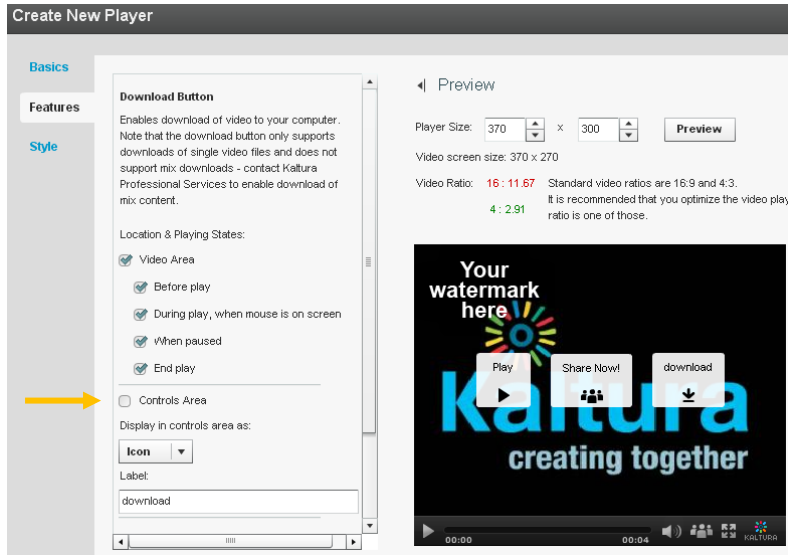


## 3. Add Download button to the video area only

Go to Viral and Distribution → check the Download feature → click Options

Remove the check mark from the Controls Area option



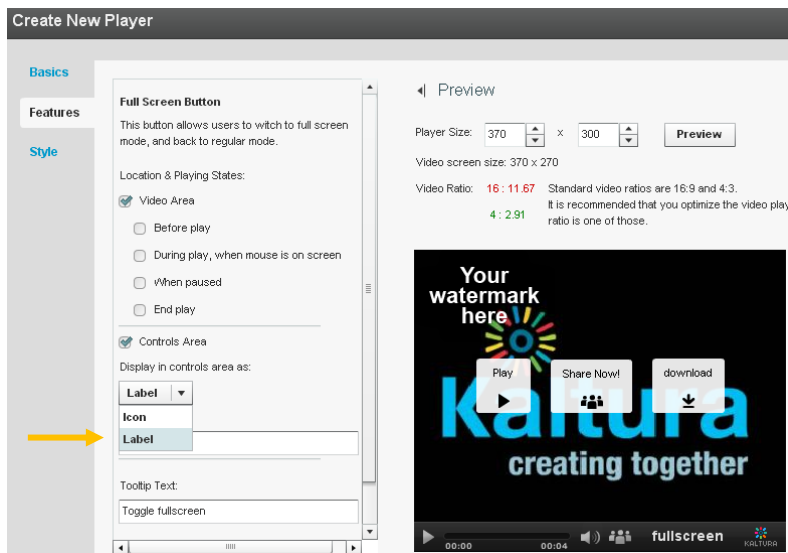


4. Change existing Fullscreen button on the control area to text button

Go to Controls → Fullscreen → Options

In the Display in Controls Area drop-down select Label

If desired, change the label text in the Button Label field



### Additional feature configuration options for playlists

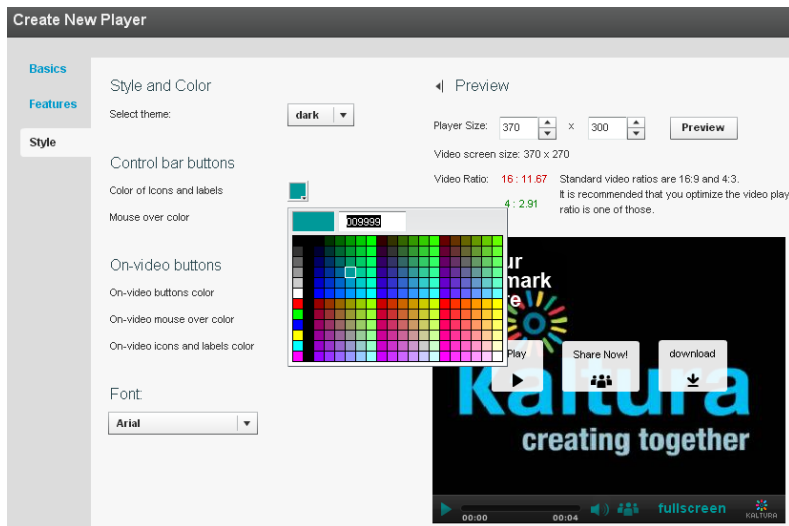
When creating a playlist (either with one or multiple tabs) you will see additional configuration options under the Playlist Items section. This will allow you to display various types of information for each of the playlist items, such as number of plays, tags, rank etc.

→ Play around some more to get a feel for the Features section and then continue to customize the player's design in the Style section.

## Configuring the Player Style

In the Style Tab you can select the theme, colors and fonts for your player.

1. Select either a dark or light player skin.
2. Choose the colors of the icons/labels and online video buttons by clicking the small colored squares. This will open a color picker where you can select a color or enter a color value.



3. Change the font.
4. Once you are finished defining your player template, features and style, click Save Changes to complete your player configuration and design.
5. Your new player will now appear in the player list

Name	ID	Save Date	Size	Mode	Basics	Actions
My Player	1257402	2010-02-22 10:52:47	370x300	vWizard	Player	Select Action
My New Player	1257342	2010-02-22 10:24:59	700x290	vWizard	Playlist	Select Action
test	1251602	2010-02-18 15:00:56	400x330	vWizard	Player	Select Action
Chromless	1251442	2010-02-18 14:08:12	400x300	vWizard	Player	Select Action

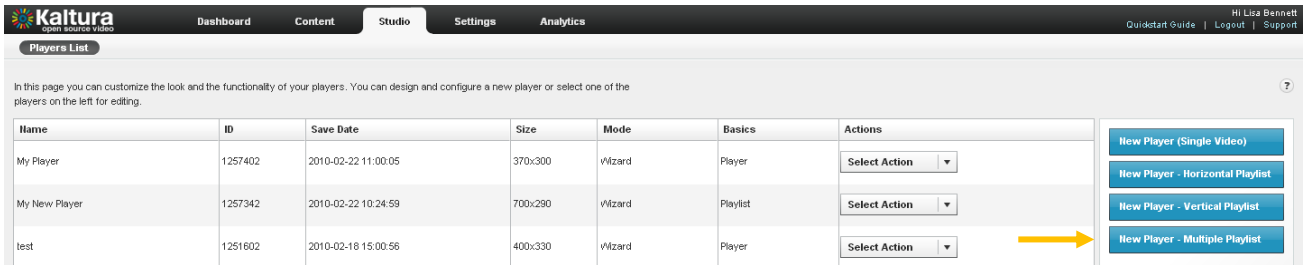
## Creating a Multiple Playlist

A Multiple Playlist is a playlist with a multiple tabs, each containing a different playlist.

Creating a Multiple Playlist:

1. If you haven't already, create the playlists that you wish to use (learn how to [create a playlist](#))

2. In the Studio Tab, select New Player – Multiple Playlist



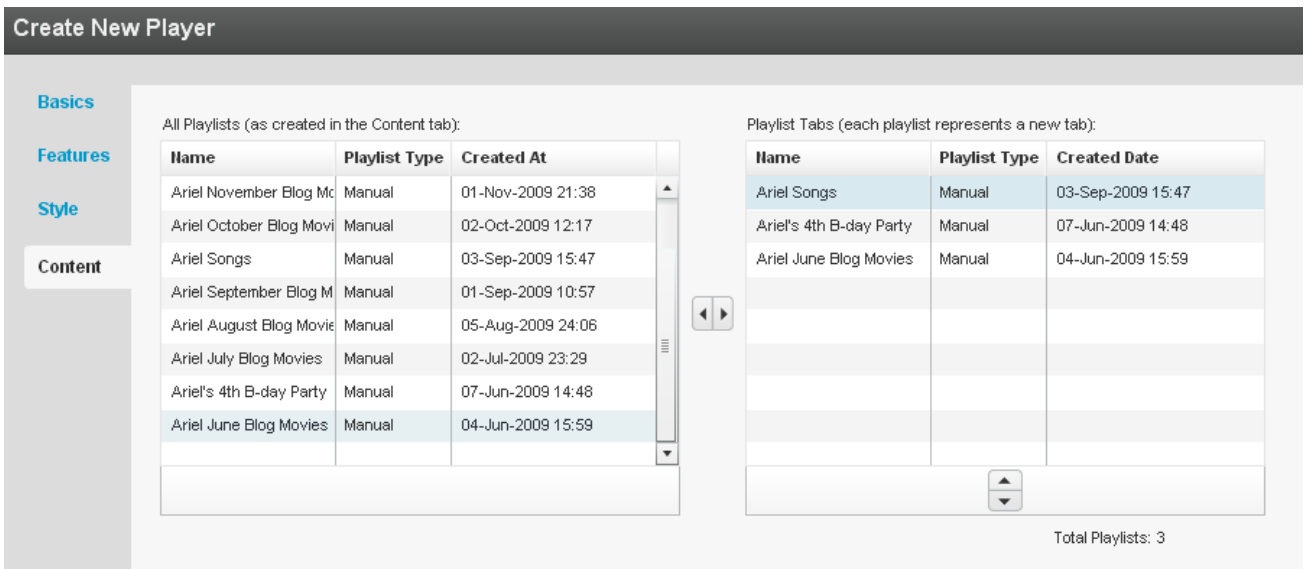
In this page you can customize the look and the functionality of your players. You can design and configure a new player or select one of the players on the left for editing.

Name	ID	Save Date	Size	Mode	Basics	Actions
My Player	1257402	2010-02-22 11:00:05	370x300	Wizard	Player	Select Action
My New Player	1257342	2010-02-22 10:24:59	700x290	Wizard	Playlist	Select Action
test	1251602	2010-02-18 15:00:56	400x330	Wizard	Player	Select Action

Buttons on the right sidebar:

- New Player (Single Video)
- New Player - Horizontal Playlist
- New Player - Vertical Playlist
- New Player - Multiple Playlist

- Design and configure your playlist as [described above](#).
- Continue to the Content tab and add pre-existing playlists to your new Multiple Playlist by selecting them and clicking the arrows.
- Save Changes to complete the process.



**Create New Player**

**Basics**

**Features**

**Style**

**Content**

All Playlists (as created in the Content tab):

Name	Playlist Type	Created At
Ariel November Blog Mc	Manual	01-Nov-2009 21:38
Ariel October Blog Movi	Manual	02-Oct-2009 12:17
Ariel Songs	Manual	03-Sep-2009 15:47
Ariel September Blog M	Manual	01-Sep-2009 10:57
Ariel August Blog Movie	Manual	05-Aug-2009 24:06
Ariel July Blog Movies	Manual	02-Jul-2009 23:29
Ariel's 4th B-day Party	Manual	07-Jun-2009 14:48
Ariel June Blog Movies	Manual	04-Jun-2009 15:59

Playlist Tabs (each playlist represents a new tab):

Name	Playlist Type	Created Date
Ariel Songs	Manual	03-Sep-2009 15:47
Ariel's 4th B-day Party	Manual	07-Jun-2009 14:48
Ariel June Blog Movies	Manual	04-Jun-2009 15:59

Total Playlists: 3

- The new player will appear in the Players List.