

Kaltura Quick Start Guide

- Content Management (Content Tab)
- Content Syndication & SEO (Content Tab)
- <u>Live Streaming</u>(Content Tab)
- Video Delivery Settings (Settings Tab)
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- Metadata Schema (Settings Tab)
- Advertising (Studio Tab)
- PlayerDesign (Studio Tab)
- Users, Roles and Permissions (Administration Tab)

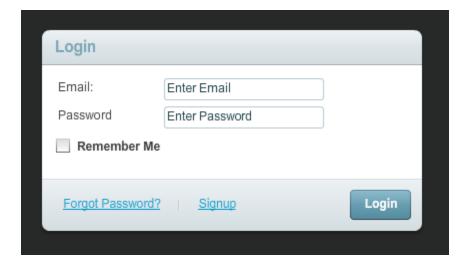


Content Management

- **∠** Logging into the Kaltura Management Console (KMC)
- Uploading videos from your desktop to your website
 - o Upload videos to the KMC
 - o Embed videos on your site
- Creating and embedding a playlist on your website
 - Manual Playlist
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 - o Embed a playlist on your site
- Creating and managing content categories
- 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.

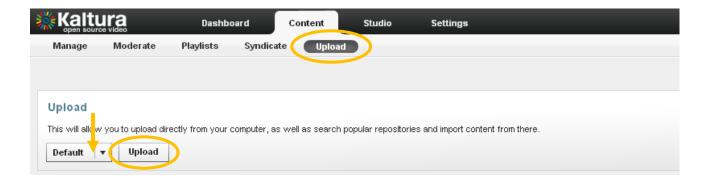




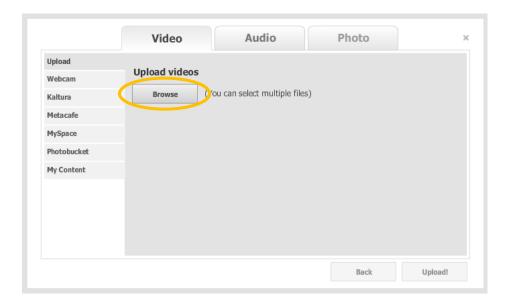
Uploading videos from your desktop to your website

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 buttonto launch the Media Uploader.

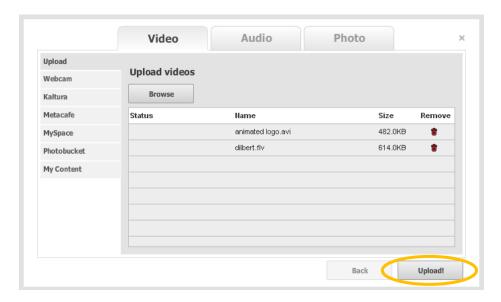


4. In the Media Uploader, click the browse button to select videos from your desktop. Hold down the CTRL key to select multiple files.

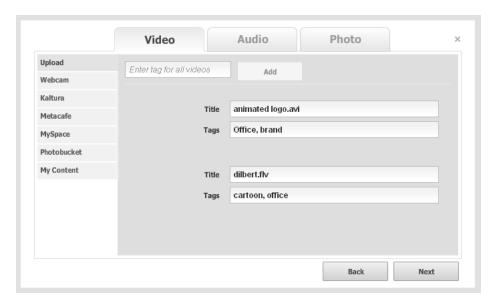




5. Click the upload button to start the file transfer



6. Add titles and tags to your videos.

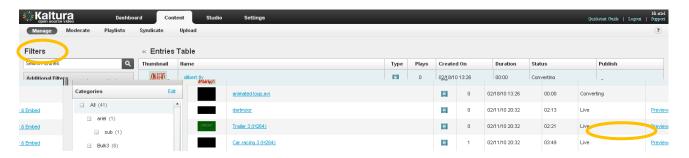


7. After the system completes the file conversions you will be able to see your uploadsand their status in the Manage tab.



Embed videos on your site

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



2. Select your preferred player skin from the drop down menu and grab the embed code. To learn more about embedding videos for mobile devices go to the <u>mobile delivery</u> section.





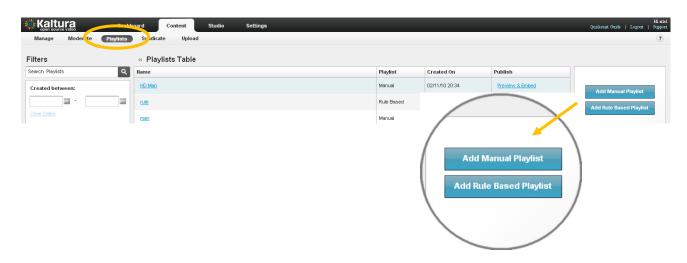
3. Add the embed code to your website HTML source and you're done



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.

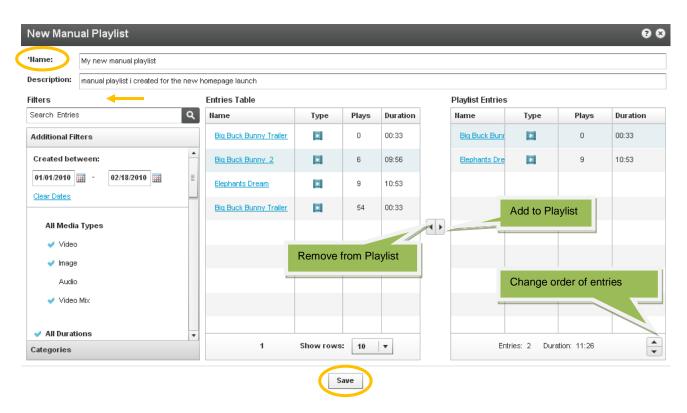
Go to the Content tab>Playlist section and select either a Manual Playlist or a Rule Based Playlist





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.



Creatinga 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".

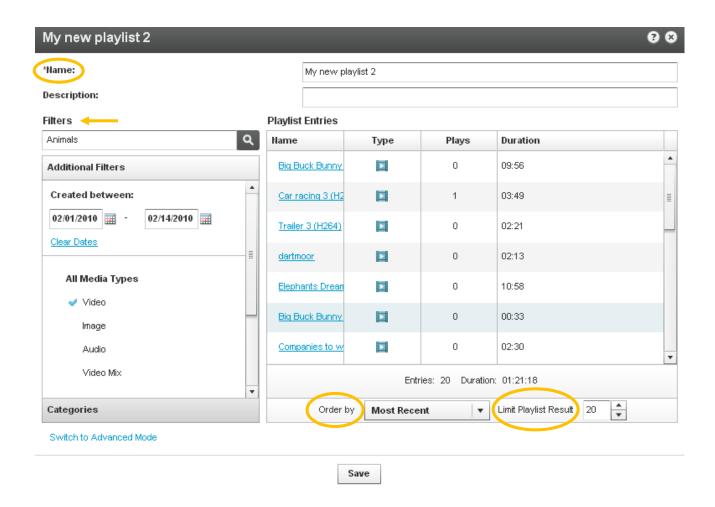
Your playlist can be based on a single rule or multiple rules:

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.

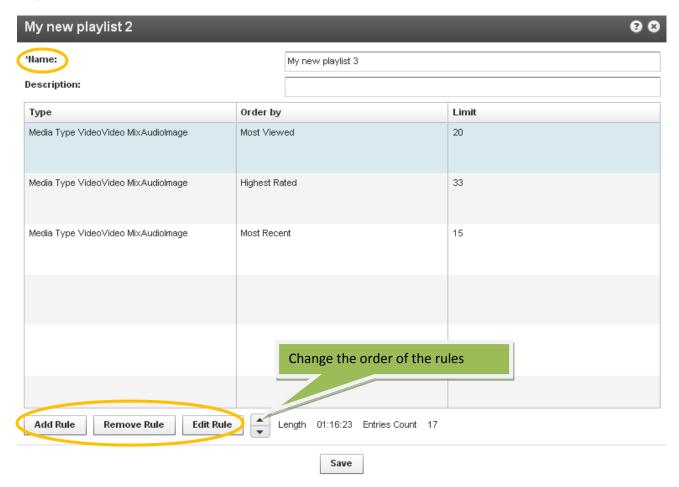


Multiple Rule Playlist - Advanced Mode

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





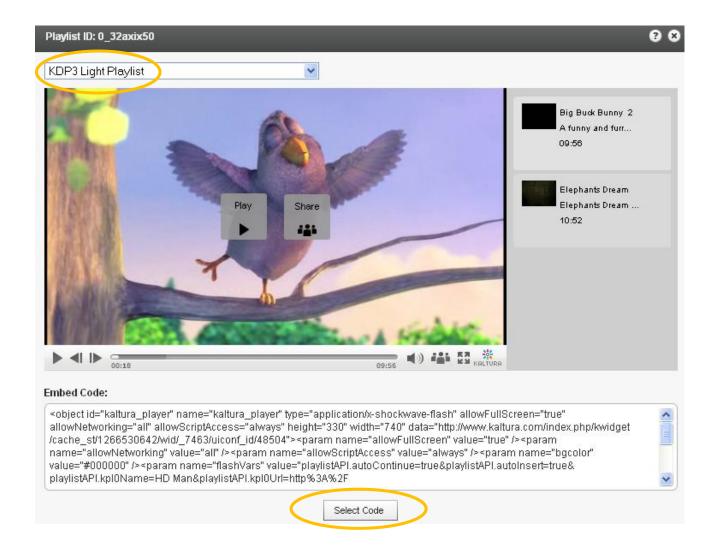
Embeddinga Playlist on your site

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



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





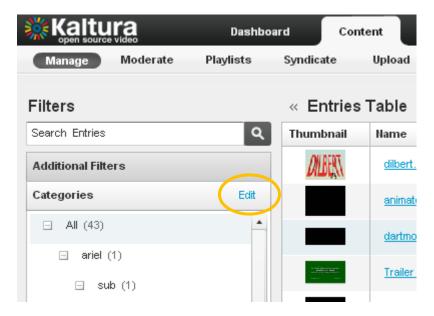
6. Add the embed code to your website HTML source.

Creating and Managing Content Categories

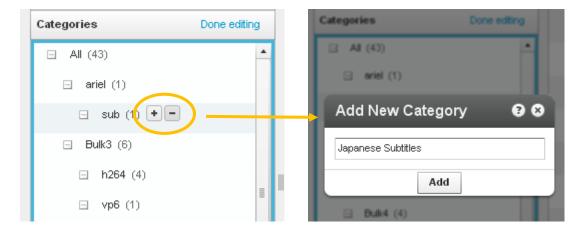
Media entries are divided into categories. The different categories are built in a tree-like hierarchy where each category can include multiple sub-categories.

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.

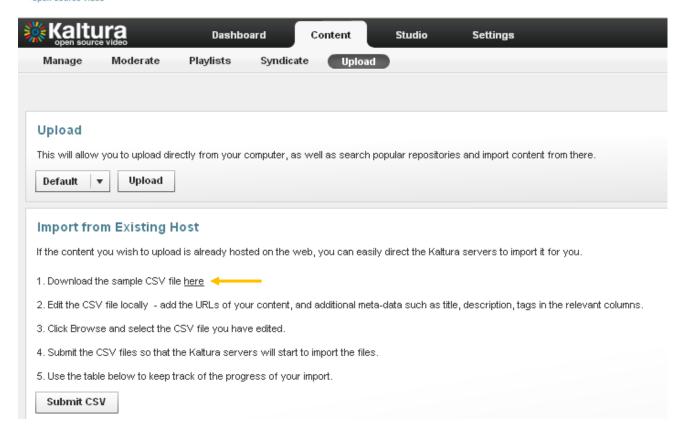


- 3. To change the tree location of any category just drag-and-drop categories from one location to another.
- 4. To assign a media entry to a specific category, just drag-and-drop the entry from the entries table on the right to the desired category on the left.

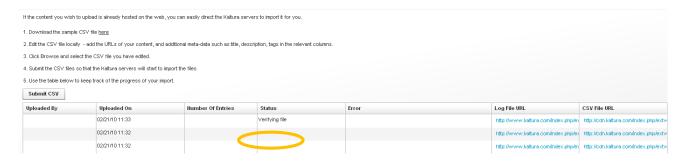
Migrating content from your existing hosting / video service - Bulk Upload Process

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





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



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





Content Syndication & SEO

- Content Syndication
 - TubeMogul
 - o <u>iTunes</u>
- ≤ SEO
 - o Google
 - o Yahoo!

Content Syndication

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

TubeMogul

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

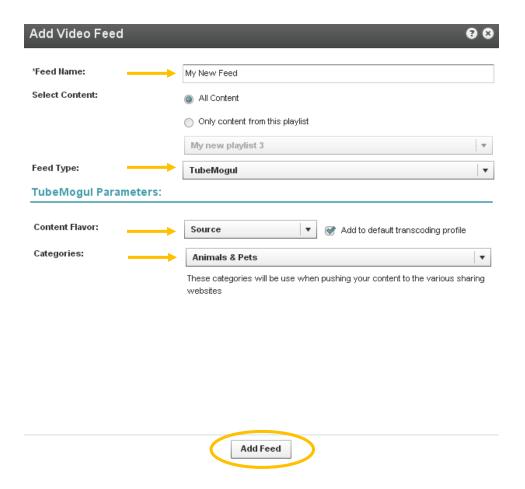
Note: requires a Kaltura-TubeMogul premium account (<u>contact us</u> to learn more)

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



3. Copy the Feed URL





4. Login to your <u>Kaltura—TubeMogul account</u> and go to Advanced Tools > More Tools > select "MRSS Feed Manager" > Submit your feed

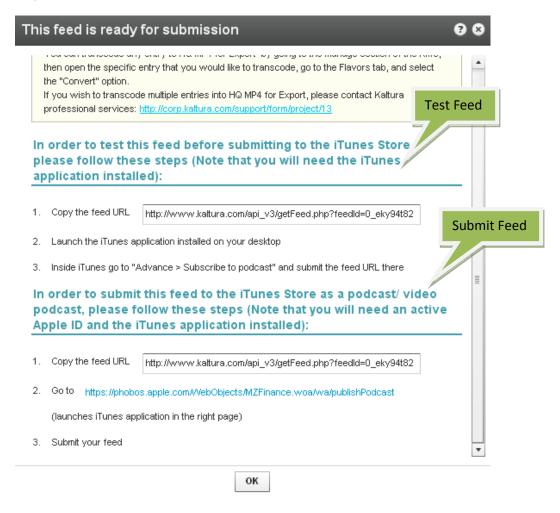
iTunes

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





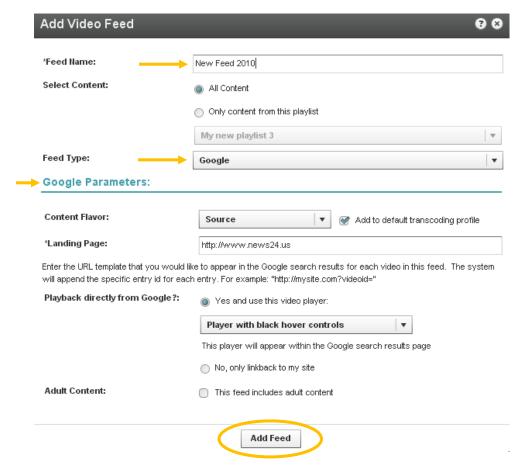
SEO

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





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

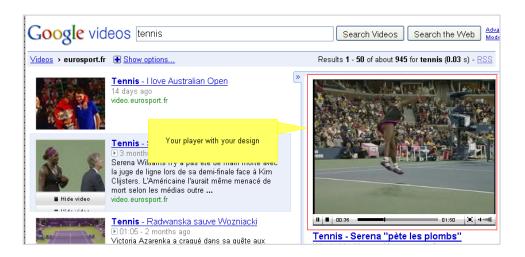
 Header("HTTP/1.1 301 Moved Permanently"):

Header("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



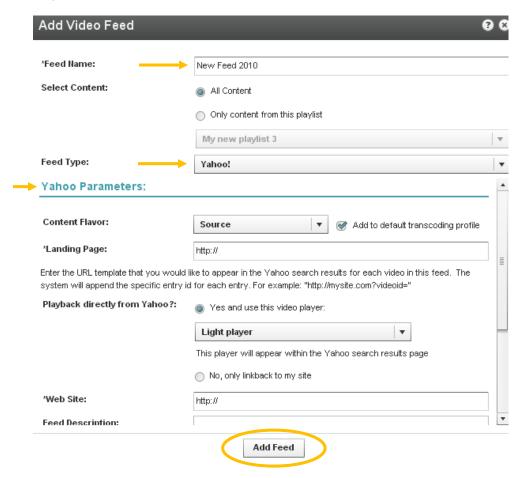




Yahoo!

- 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





- 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 <u>contact us</u> or call +1-800-871-5224

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



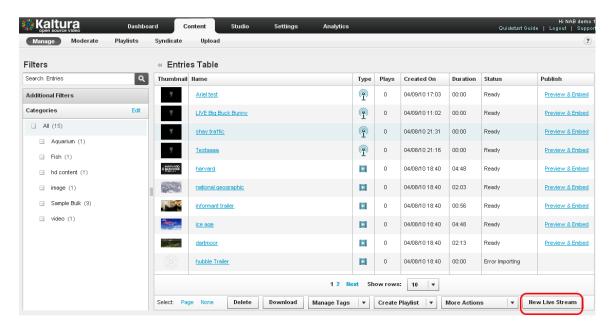
Basic setup

HW & SW setup

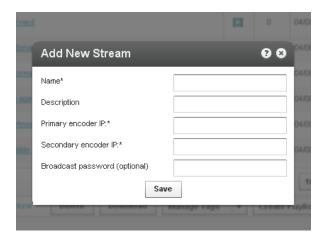
- Download Flash Media Encoder (FME) from: http://www.adobe.com/products/flashmediaserver/flashmediaencoder/
- 2. Install FME on your local Windows machine (follow the FME installation guide and minimum requirements described in Appendix A of this document)
- 3. Connect your camera to the installed computer

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.



2. Fill in the form with the following details:



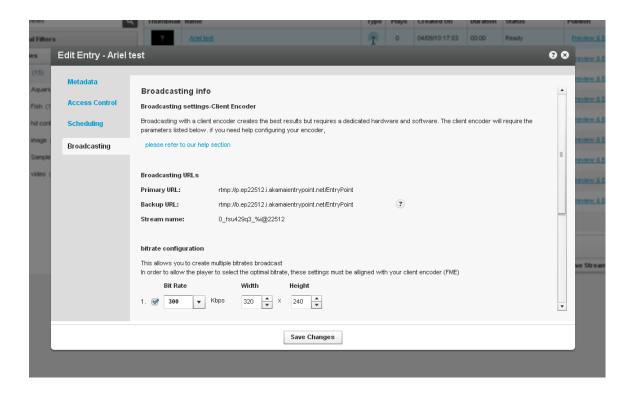
- Name the name of the stream that will appear in the KMC entries list
- **Description** a description of the stream (optional)



- 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.

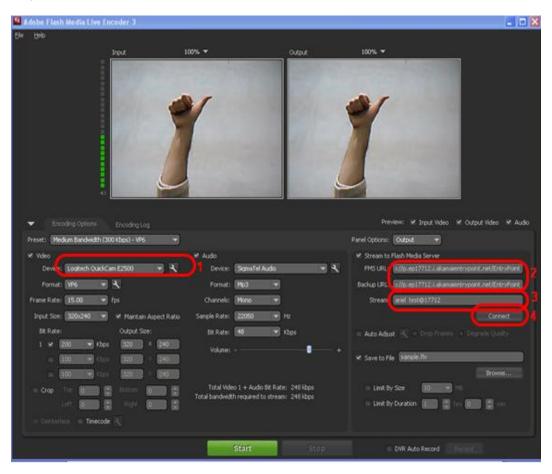
Broadcasting setup

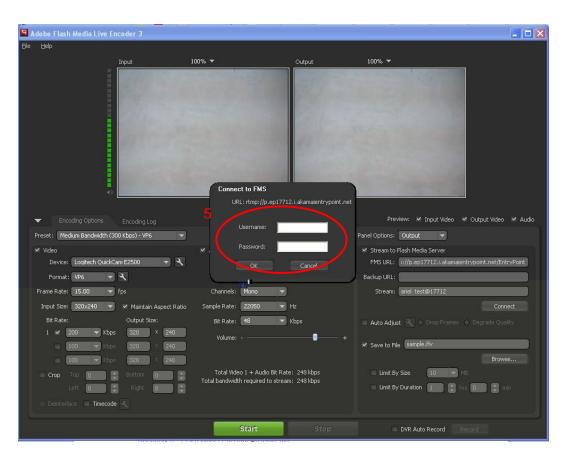
Go to the "Broadcasting" tab of the live entry you just created and copy the details to your FME, you can do this either by copying the details manually, or by using the "Export XML to FME" option:



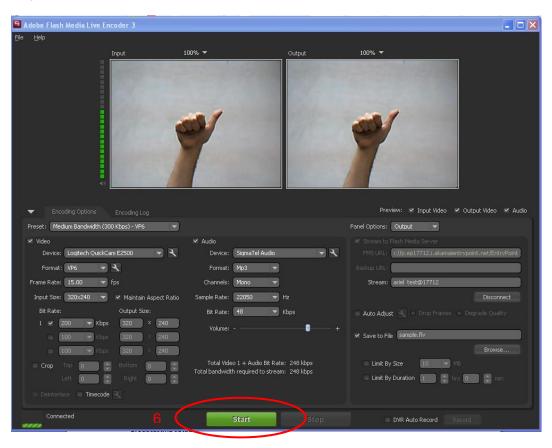
- Connect your camera to the broadcasting computer
- Run the FME software
- Configure your FME with the following parameters:
 - 1. Select the relevant camera from the dropdown menu in the FME software
 - 2. Enter the Primary URL and Secondary URL as displayed in the KMC
 - 3. Enter the "stream name" 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"

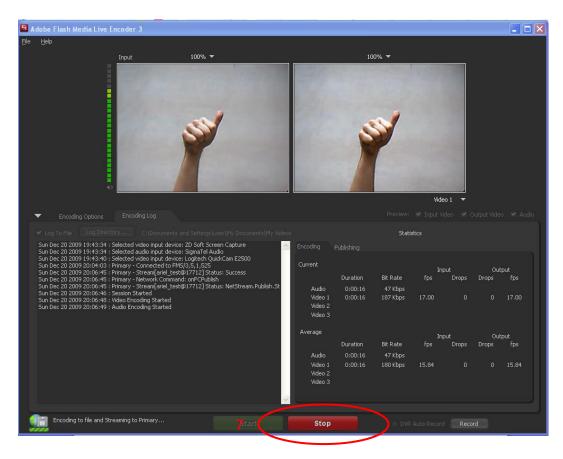








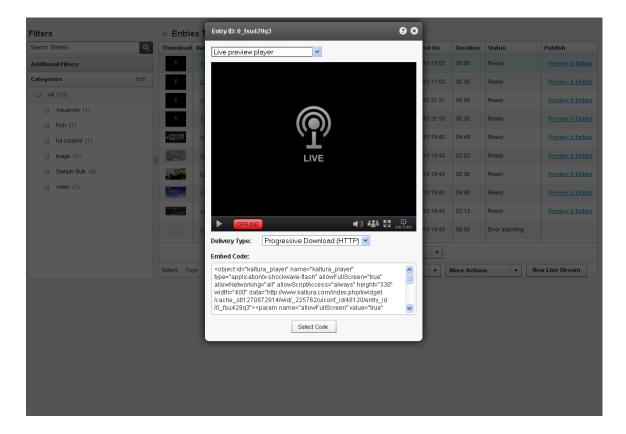






Viewing setup

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

Video Delivery Settings

- Video Delivery Settings
 - o **HTTP Delivery**
 - o RTMP Delivery with Adaptive Bitrate
 - Adding the flavor selector module

Video Delivery Settings

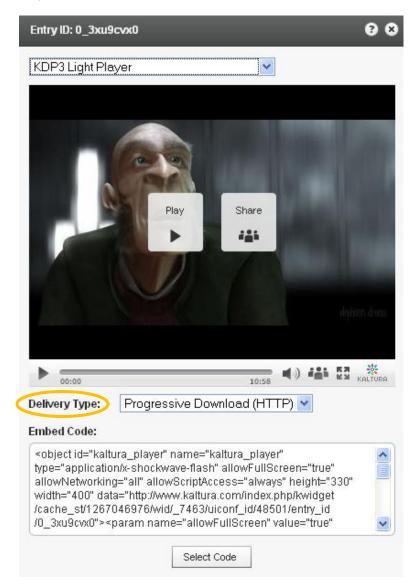
Choose between two types of video delivery settings - HTTP Delivery or RTMP Delivery with Adaptive Bitrate.

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.





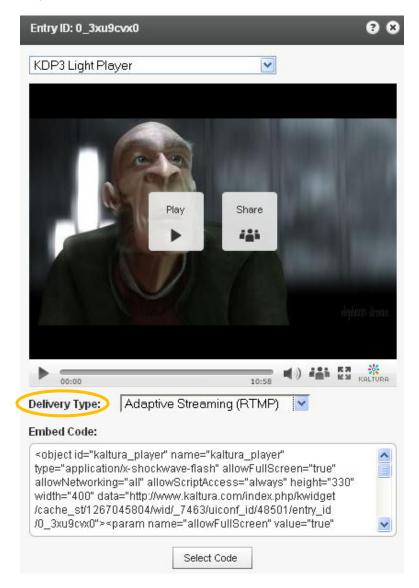
RTMP Delivery with Adaptive Bitrate

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.





Adding the Flavor Selector Module

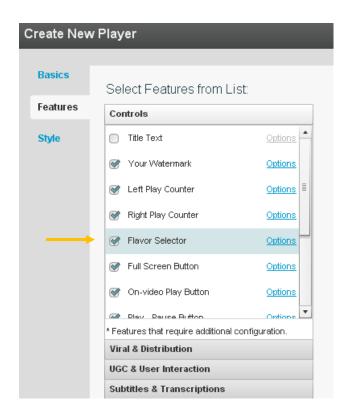
Any entry is available in various transcoding flavors. The flavor selector module allows the viewer to manually select the video flavor he wishes to watch, based on his preferences.

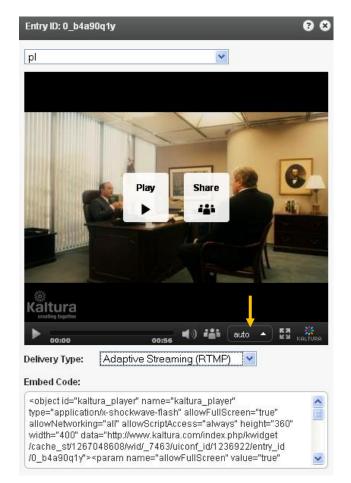
Note: If you are broadcasting with Adaptive RTMP then the flavor selector will be set to "auto".

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.









Mobile Delivery

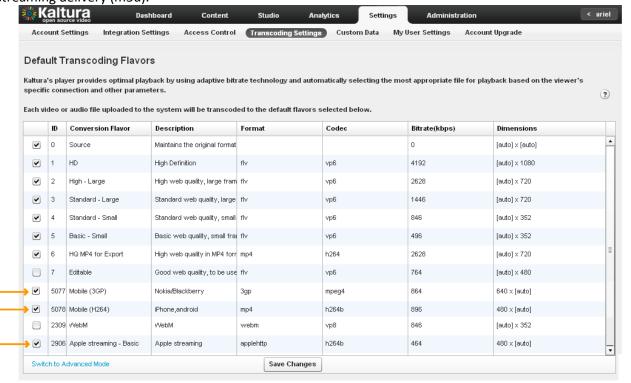
- Enabling Mobile Transcoding in Your Kaltura Account
- Mobile Transcoding for New and Existing Video
- Embedding an HTML5 Player
- Advertising on Mobile Devices
- Viewing Analytics for Mobile Devices

Enabling Mobile Transcoding in Your Kaltura Account

To add mobile delivery to your account, Contact your Kaltura account manager to purchase the mobile package

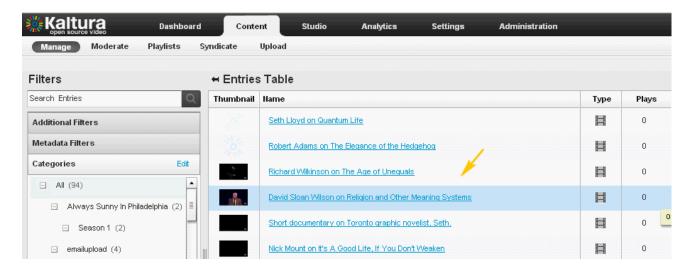
Mobile Transcoding for New and Existing Videos

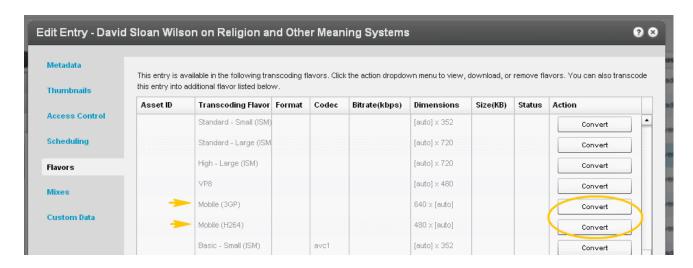
1. Once mobile transcoding has been enabled, go to the "Settings" tab > "Transcoding Settings" and select both mobile conversion flavors. Any video you upload from this point onwards will be transcoded for mobile. Transcoding settings will include both Progressive Download delivery as well as apple http streaming delivery (m3u).





2. For existing videos you can either contact your account manager who will assist you with bulk encoding or transcode videos one at a time by going to "Content" > "Manage" and clicking on the video you would like to transcode. Select "Flavors" from the window's side menu, find the mobile transcoding flavors and click "Convert".





Embedding an HTML5 Player

1. To grab the embed code for a video in an HTML5 player go to "Content" > "Manage" and select "Preview and Embed" for the selected video.





- 2. After selecting the player and flash delivery type, check the "Support iPhone &iPad and HTML5" box. This will add a Javascript code to your embed code that identifies the device and switches to HTML5 player when accessed from iOS Devices.
- 3. Copy the embed code and paste on your site.



Advertising on Mobile Devices

The advertising settings applied to your player will also apply for mobile delivery. Visit the advertising section for more information on advertising. The following table summarizes current advertising support for mobile:

Device	Supported Ad type	Notes & Limitations		
iPhone	VAST Pre-roll	 Ads are played back in the native player Player controls are not disabled during playback 		
	Bumper video VAST Post-roll	(user can skip the ads) - Ads are not clickable		
		- Ads must be encoded for the iPhone (H264)		



iPad	VAST Pre-roll	- Ads must be encoded for the iPad (H264)		
	Bumper video VAST Overlay VAST Post-roll			
Android (ver 2.2 and up)	All	Android from version 2.2 supports Flash playback with all ads integration as in Flash player.		

Viewing Analytics for Mobile Devices

Analytics from mobile devices are aggregated into the general analytics report in the "Analytics" tab

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
 - o Content Scheduling

Access Control Settings

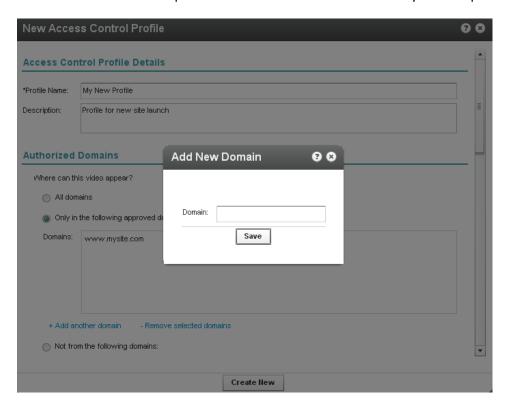
An Access Control Profile defines authorized and restricted domains where your content can or cannot appear, countries from which it can or cannot be viewed, Kaltura Network preferences and security settings. In this area you can view existing profiles and create new ones.





Domain Restrictions – Restricting content to specific domains

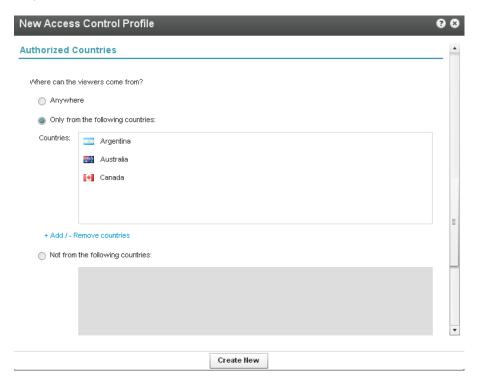
- 1. Go to the Settings tab> Access Control section and click Add Profile.
- 2. Enter an informative name for the new profile and give it a description.
- 3. Under Authorized Domains you can choose between allowing all domains, listing a group of approved sites or a list of domains to exclude.
- 4. To 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

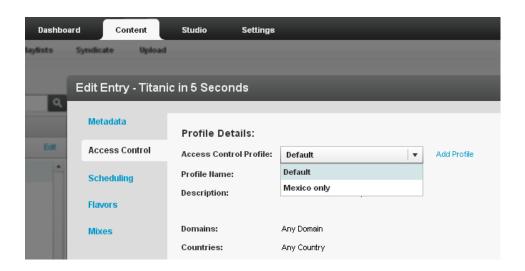
- 1. Go to the Settings tab> Access Control section and click Add Profile.
- 2. Enter an informative name for the new profile and give it a description.
- 3. Scroll down to the Authorized Countries section and choose to allow viewers from any country, select a group of approved countries or a group of 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.





Assigning an Access ControlProfile to an entry

- 1. Go to Content> Manage section and click on the Entry to which you want to assign an Access ControlProfile.
- 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

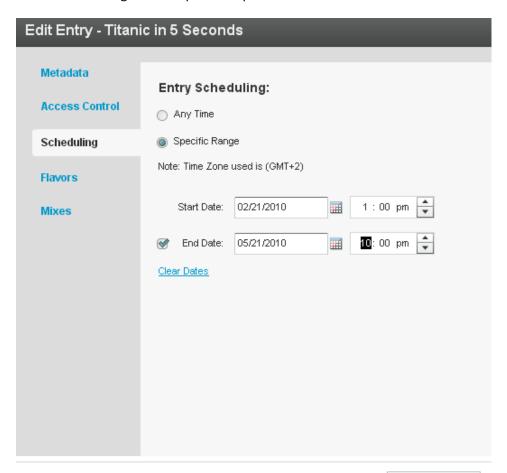




Content Scheduling

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



Save Changes

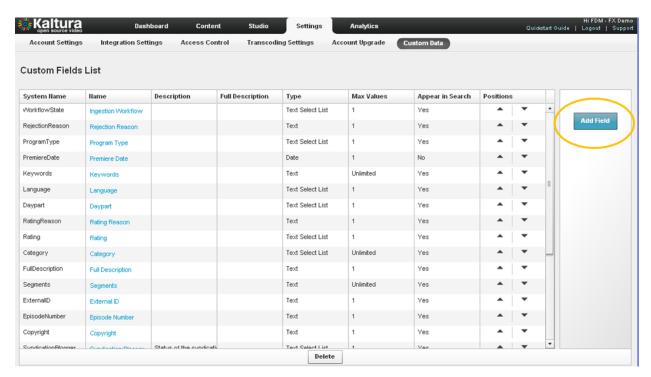


Custom Metadata

- Adding Custom Metadata Fields
- Setting Values for Custom Metadata Fields (Per Entry)
- Searching Based on Metadata Fields

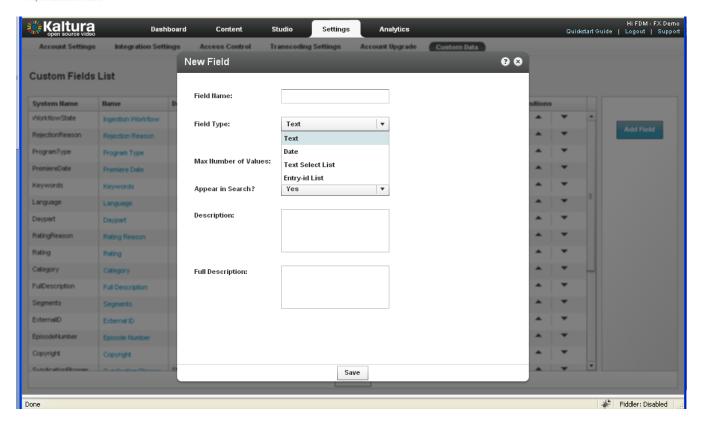
Adding Custom Metadata Fields

1. To create an additional field, click the "Add Field" button.

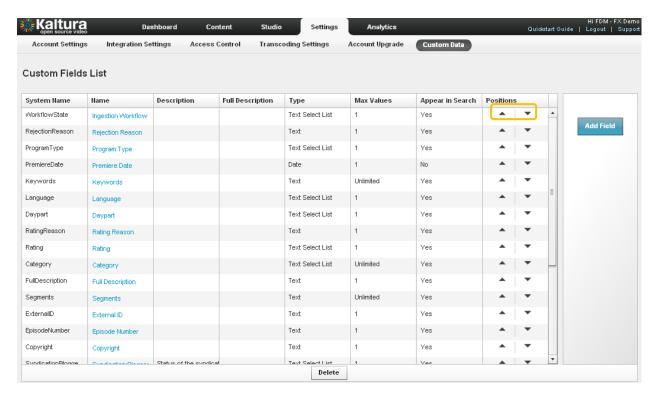


- 2. Select the field type from the following options:
 - Text field values are free text
 - Text select list this is similar to the text field, but allows the publisher to set a predefined list of valuesfrom which the user can choose (for example select the country out of a list of options)
 - Date a date field
 - Entry ID link a link to a different entry (asset) in order to create a compound structure.
 An example of this would be multiple high res images relating to the video.





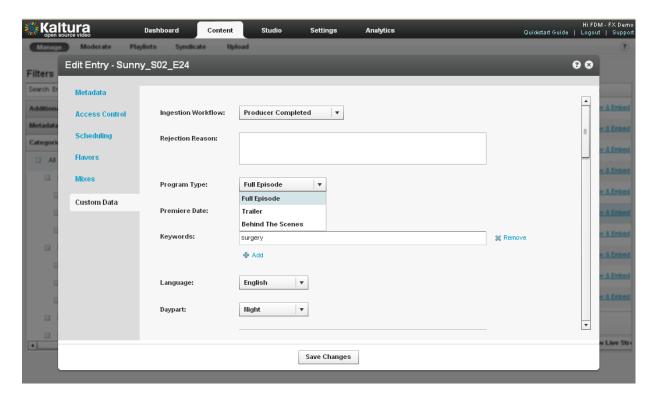
- 3. Add a description, or full description
- 4. Change the order of the fields by clicking the up and down arrows





Setting Values for Custom Metadata Fields (Per Entry)

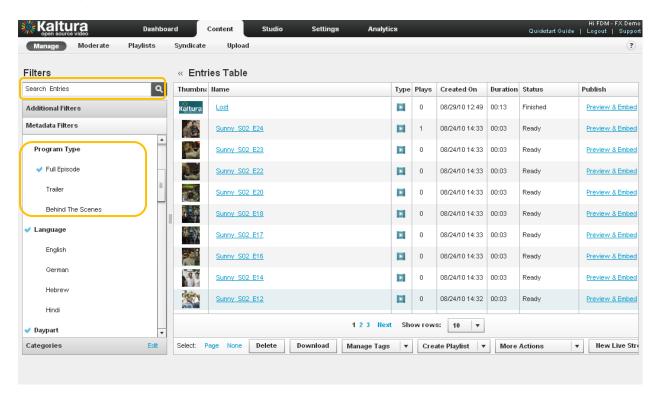
To add values to the custom metadata fields create, go to the entry drilldown window (It is also possible to set them as part of bulk upload or API)





Searching Based on Metadata Fields

Custom fields can be used to perform a search and create playlists. To search textual fields use the regular search box, for canned lists use the Metadata Filters.





Advertising

Advertising

- Connecting with any ad server that supports IAB standards (VAST 1.0 / VAST 2.0)
 - Configuring Companion Ads
 - Targeting with an Ad Server
 - How to locate the Ad Tag URL
- Connecting with Ad Servers and networks via AdapTV
- Connecting with Tremor Media

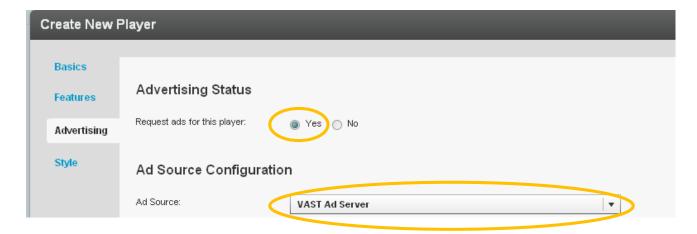
Advertising

Connecting with any ad server that supports IAB standard (VAST 1.0 / VAST 2.0)

Most of the leading Ad Servers and Ad Networks are now VAST compliant. This includes DoubleClick, Dart for publisher (DFP), Microsoft Atlas, OpenX, ScanScout, and many others. To see the full list of servers and networks that comply with VASTplease refer to the IAB website:

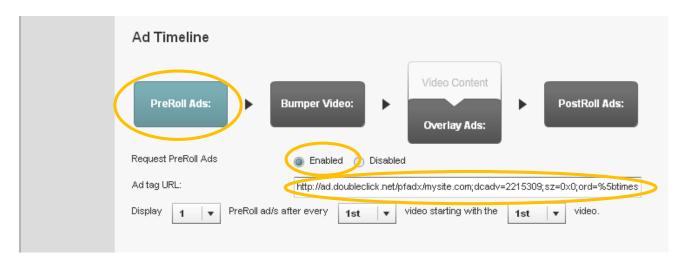
http://www.iab.net/iab_products_and_industry_services/508676/compliance/679253

- 1. To add any ad server that supports the VAST standard you first need an ad tag URL from your ad server, To learn more browsethe "how to find Ad Tag URL" section below
- 2. Go to the studio tab and edit an existing player or create a new one
- 3. Go to the Advertising section
- 4. Enable ads for this player
- 5. Select VAST Ad Server from the "Ad Source" drop down





6. For Pre-roll ads select the Pre-roll section, set it to "enabled" and paste the Ad Tag URL received from the ad server



7. For bumper videos (a bumper video is a static pre-roll that does not use an ad server) select the bumper section, and set it to enabled. Select a Kaltura entry id that will be used as the bumper, and add the click URL.

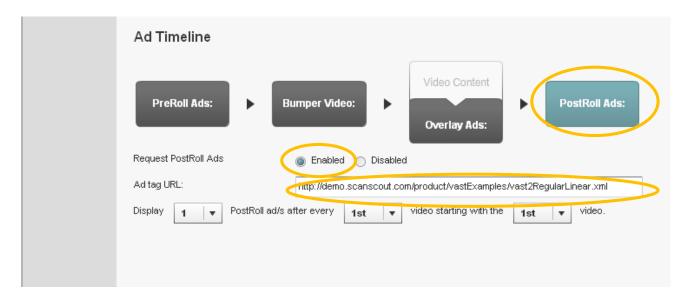




8. For Overlay ads select the overlay section, set it to enabled and paste the Ad Tag URL received from the ad server.



9. For Post-roll ads select the Post-roll section, set it to enabled and paste the Ad Tag URL received from the ad server



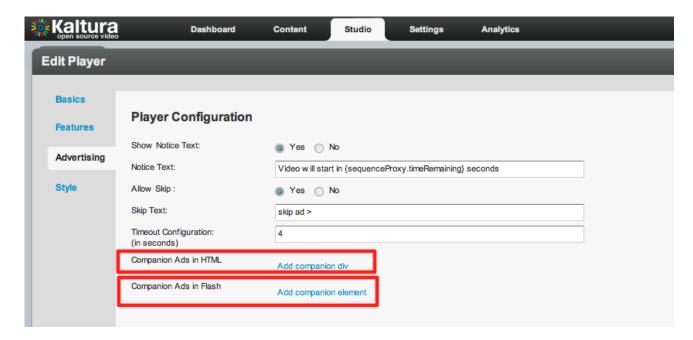


Configuring Companion Ads

Companion Ads are "text, display ads, rich media, or skins that wrap around the video experience, and can run alongside either or both the video or ad content. The primary purpose of the Companion Ad product is to offer sustained visibility of the sponsor throughout the video content experience."

- http://www.iab.net/wiki/index.php/Companion Ad

Kaltura's platform makes it easy to add Companion Ads in either HTML or Flash. After you've configured your player (see section I "Configuring The Kaltura Video Player" earlier in this document), edit the player and navigate to the Advertising tab. Scroll down a bit and you'll see the "Player Configuration" section:



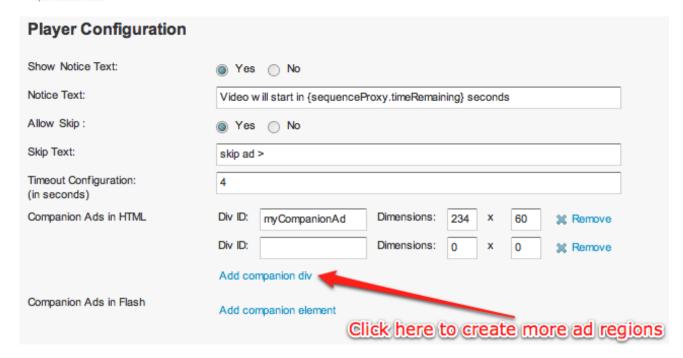
Here, you can choose to configure HTML or Flash-based Companion Ads.

1. Companion Ads in HTML

Click on the "Add companion div" text in the "Player Configuration" section. You'll get entry fields to enter the CSS "id" of your companion ad and the dimensions in pixels. You can click on the "Add companion div" text multiple times to enter more ad regions:

Note: make sure the dimensions you enter here match the dimensions of your served ads exactly.





Enter the CSS div id and dimensions (in pixels) for each ad region.

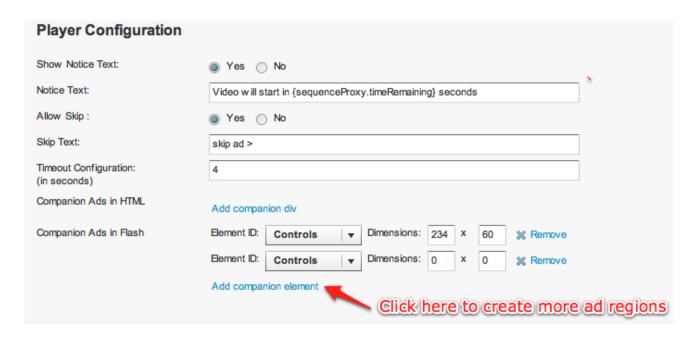
In the web page where your Companion Ads will display, you need to include a Javascript file as well as a corresponding HTML <div> tag with a matching id for each region you create:

2. Companion Ads in Flash

Click on the "Add companion div" text in the "Player Configuration" section. You'll get entry fields to enter the CSS "id" of your companion ad and the dimensions in pixels. You can click on the "Add companion div" text multiple times to enter more ad regions:

Note: make sure the dimensions you enter here match the dimensions of your served ads exactly.





There are either two or three possibilities for the "Element ID" pulldown menu. If you created a Kaltura Playlist Player (for details on creating new players, see section I, "Configuring The Kaltura Video Player"), then you will see three options:



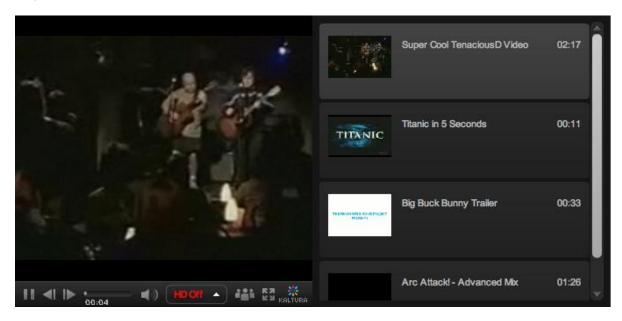
If you created a regular (non-Playlist) Player, then you will see two options:



The "Custom" option is not available, so do not use it. If your companion ad will appear in the regular player window above the player controls, then select "Controls". If your ad will overlay the Playlist, then select "Playlist". Enter the dimensions of your ad (in pixels) in the "Dimensions" text fields.

Here's a Kaltura Playlist Player in a horizontal configuration:





In the example below, the same player plays a preroll ad in the main player area while a Flash Companion Ad is displayed in the playlist area:



Targeting with an Ad Server

While ads targeting is performed within the ad server, Kaltura's advertising module is designed to pass all the relevant targeting information to the ad server.

Targeting information can be set in several levels:

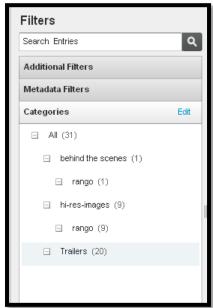
1. Targeting per player and ad slot – you can add additional key value pairs within the adtag URL. The ad server will use these for targeting.



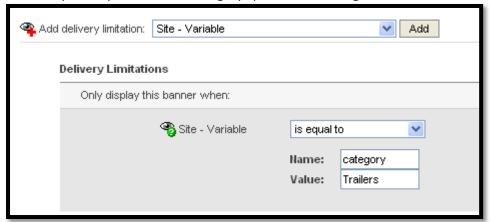
2. Targeting per content item - The Kaltura VAST module supports dynamic pulling of metadata from the content item, and passes it to the ad server.

For example for targeting a specific content category:

a) Drag content items into the category within the KMC

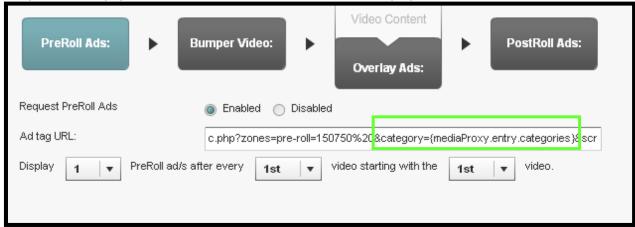


b) Define the additional parameter in your ad server.For example in OpenX set the "category" parameter through "Site - Variable"





c) Add category template category={mediaProxy.entry.categories}into the AdTag URL. At runtime this template will be populated with the actual values for each video played.



The following targeting templates are available for targeting category={mediaProxy.entry.categories} tags={mediaProxy.entry.tags} name={mediaProxy.entry.name} id={mediaProxy.entry.id}

3. Targeting per viewer

In some cases the targeting information is not defined per content item, but per viewer.

To support these cases the Kaltura VAST module dynamically pulls metadata from the website via flashvars passed to the player.

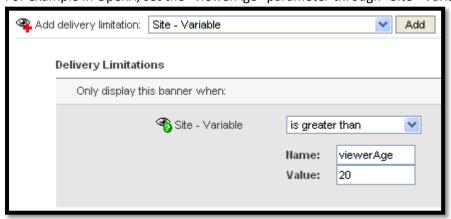
For example targeting per a specific age group. This example assumes that the hosting site has a user database and would like to further target known users.

a) Pass the viewer age from your internal DB to the player via Flashvar.

```
<object id="kaltura_player" name="kaltura_player" t
="always" height="333" width="680" xmlns:dc="http://
resource="http://www.kaltura.co.cc/index.php/kwidge"
"http://www.kaltura.co.cc/index.php/kwidget/cache_s"
"allowNetworking" value="all" /><param name="allowSet"
<pre><param name="flashVars" value="&viewerAge=34">
```



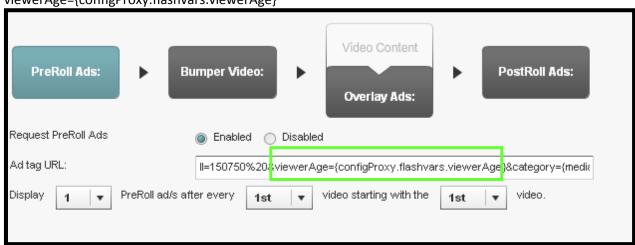
b) Define the additional parameter in your ad server.
For example in OpenX, set the "viewerAge" parameter through "Site - Variable"



c) Add the flashvar template into the AdTagURL, this template will be populated in runtime with the actual values.

The template is FLASHVAR_NAME={configProxy.flashvars.FLASHVAR_NAME }and in the viewerAge example it would be:

viewerAge={configProxy.flashvars.viewerAge}

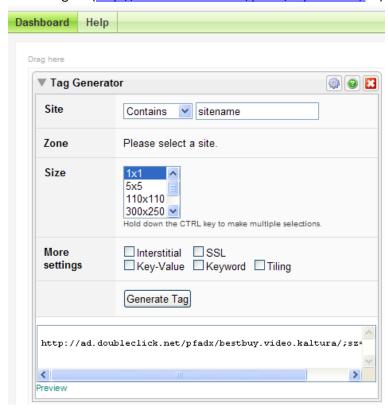




How to locate the Ad Tag URL

DFP

In DFP there is a "Tag Generator" utility in the dashboard to generate the ad tag url. The ad tag url (http://ad.doubleclick.net/pfadx/mysite.com/...) is at the bottom of the widget.



OpenX

In OpenX the adtag URL is linked to an OpenX Zone, in the following format:

http://<mark>[OPENX_INSTALL]</mark>/fc.php?script=bannerTypeHtml:vastInlineBannerTypeHtml:vastInlineHtml&source= &format=vast&charset=UTF_8&nz=1&zones=z1=<mark>[ZONE_ID]</mark>

for openX hosted, the URL is d1.openX.org.,

from within your OpenX account you can retrieve the zone Id.

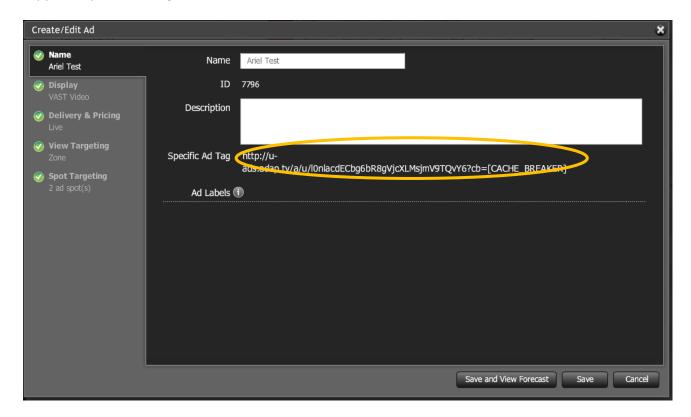
for example for zone id 150750 in openX hosted the ad tag url would be:

http://d1.openx.org/fc.php?script=bannerTypeHtml:vastInlineBannerTypeHtml:vastInlineHtml&source=&format=vast&charset=UTF 8&nz=1&zones=z1=150750



AdapTV (via VAST)

Copy the "Specific Ad Tag" from the Ad screen

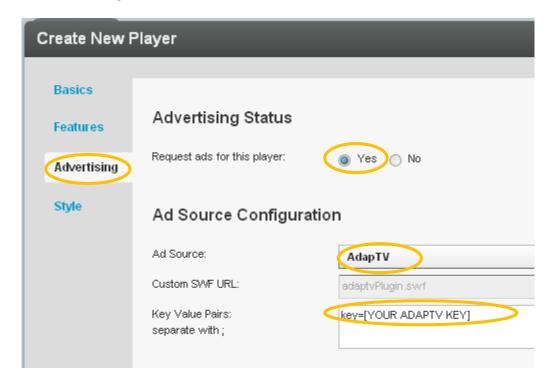




Connecting with Ad Servers and networks via adap.tv

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

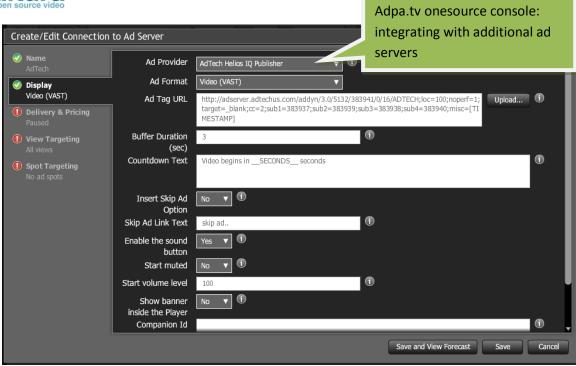
- 1. Go to the Studio tab and edit an existing player or create a new one
- Go to the Advertising section
- 3. Enable ads for this player
- 4. Select adapTV from the "Ad Source" drop down
- 5. Enter your adapt.tv Partner Key in "Key Value Pairs" section, in the following format "key=[YOUR ADAPTV KEY]"



- 6. Target, manageand customize your ads via the adap.tv console
- 7. 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, AdoTubeand over 20 other networks and servers.

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

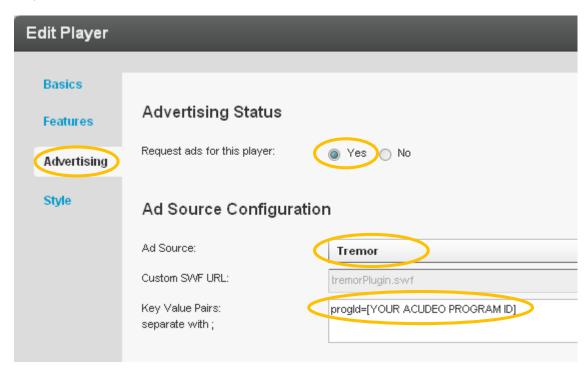




Connecting with Tremor Media

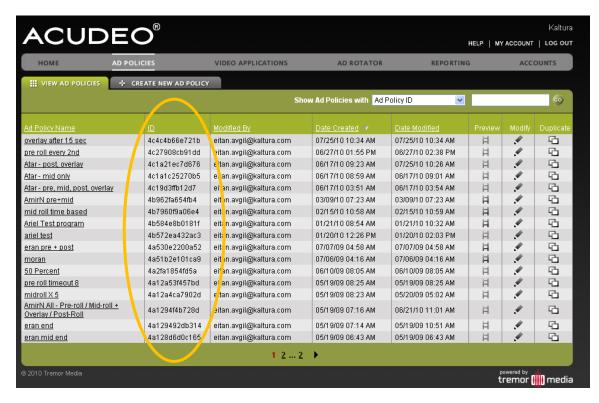
- 1. To add Tremor Media's service to your Kaltura players start by signing up with Tremor Media (Contact us to learn more) you will then receive a Tremor Media Program ID.
- 2. Go to the studio tab and edit an existing player or create a new one
- 3. Go to the Advertising section
- 4. Enable ads for this player
- 5. Select Tremor from the "Ad Source" drop down
- 6. Enter your acudeoProgram id in the "Key Value Pairs" section, in the following format: "progId=[YOUR ACUDEOPROGRAM ID]". Additional targeting parameters should be separated with semicolons.





7. 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. Program id's are available in the program list





To learn more about advertising for mobile go to the "Mobile Delivery" section

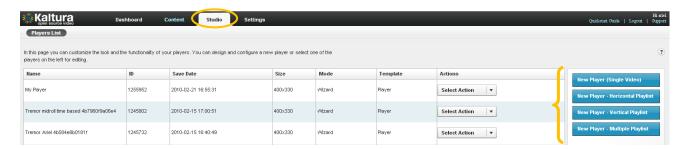
Player Design

- 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.

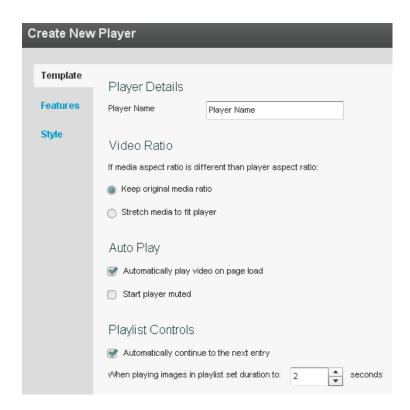


Configuring the Template Settings

- 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



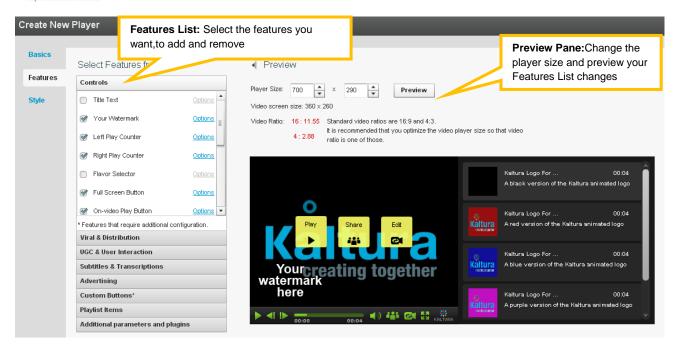
displayed during the continuous play of the playlist.



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).





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.



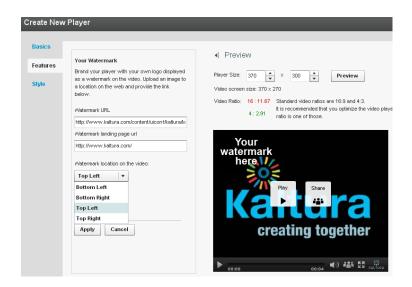


1. Change the location of the watermark logo

Go to Controls \rightarrow Watermark \rightarrow 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

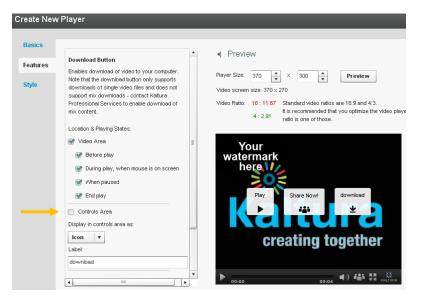
Go to Viral & Distribution → Share Button → Options

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



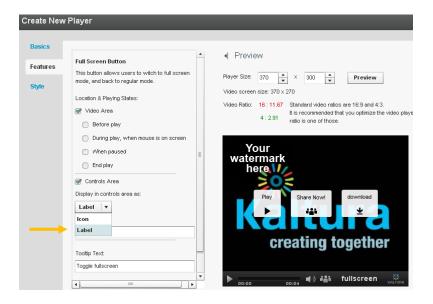
3. Add Download button to the video area only
Go to Viral and Distribution→ check the Download feature → click Options
Remove the check mark from the Controls Area option





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.

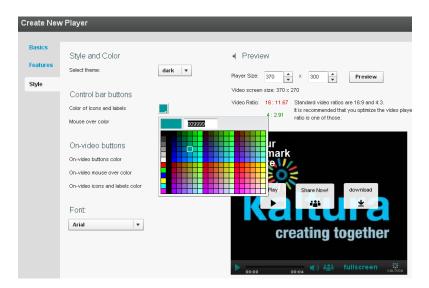
→ Play around some more to get a feel for the Features section and then continue to customize the player's design in the Style section.



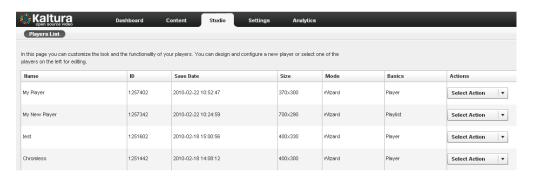
Configuring the Player Style

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



Creating a Multiple Playlist

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

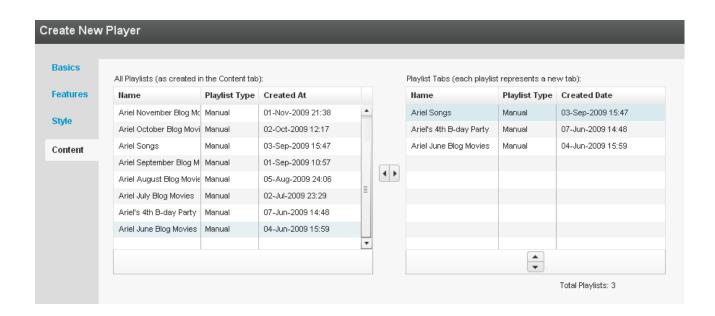
1. If you haven't already, create the playlists that you wish to use (learn how to create a playlist)



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



- 3. Design and configure your playlist as <u>described above</u>.
- 4. Continue to the Content tab and add pre-existing playlists to your new Multiple Playlist by selecting them and clicking the arrows.
- 5. Save Changes to complete the process.



6. The new player will appear in the Players List.



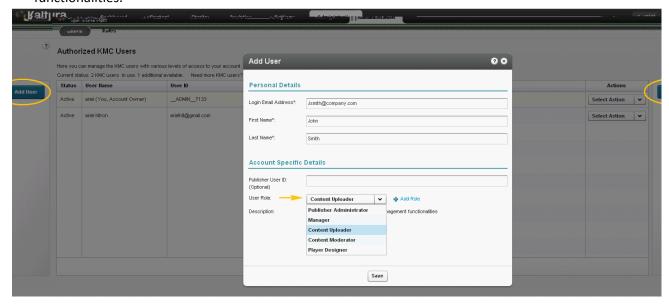
Users, Roles & Permissions

- Managing Users
 - o Adding a New User
 - Removing and Blocking Users
 - o Purchasing a License for Additional Users
- Creating Custom Roles
- Changing Your Password (under settings tab)

Managing Users

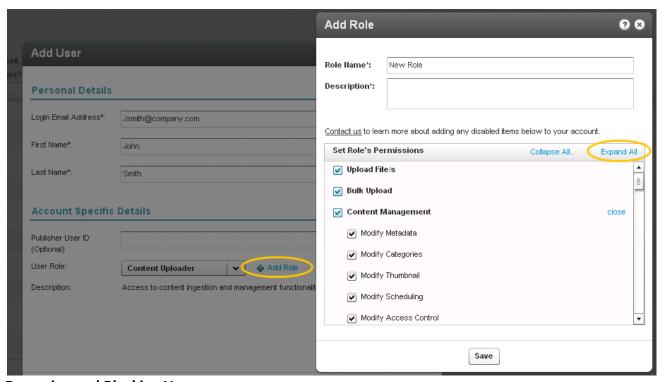
Adding a New User

- 1. Go to the "Administration" tab and select "Users" from the menu.
- 2. Click the "Add User" button, and fill in the details in the "Add User" window. Select a role from the "User Role" drop down menu. User roles define permissions granted to the user for the different KMC functionalities.





- 3. You can create a custom role by clicking "Add Role". After naming the role and providing a description you'll be able to select the specific permissions required. For granular permissions within each category click "Expand All". See more on Custom Roles in the next section.
- 4. Click "Submit" to save. Once a new user is created, an email will be sent to the specified email address containing a link to set the account password.



Removing and Blocking Users

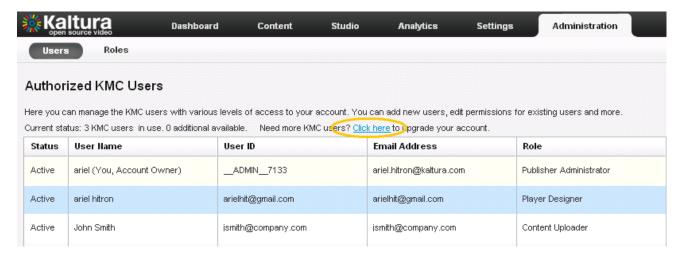
You can prevent users from logging into the KMC temporarily or permanently by selecting either block/unblock or delete from the "Select Action" drop down menu.



Purchasing a License for Additional Users

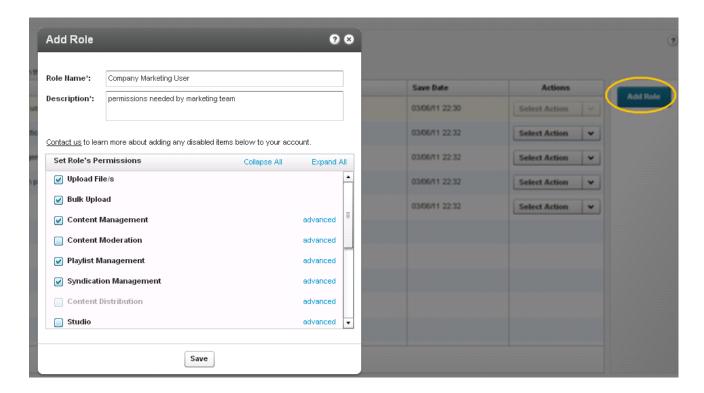
By default, each KMC account is allocated three users. To request additional users follow the "click here to upgrade your account" link in the "Users" section.





Creating Custom Roles

- 1. Go to the "Administration" tab and select "Roles" from the menu.
- 2. Click "Add Role". After naming the role and providing a description you'll be able to select the specific permissions required. For granular permissions within each category click "Expand All".
- 3. You can edit, duplicate or delete any existing role via the "select action" drop down menu.



Changing Your Password

To change your password go to the "Settings" tab > "My User Settings" and click on the "Change KMC Password" link.



