

Kaltura Quick Start Guide

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- Content Syndication & SEO (Content Tab)
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- Video Delivery Settings (Settings Tab)
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- Advertising (Studio Tab)
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Content Management

- Logging into the Kaltura Management Console (KMC)
- **Uploading videos from your desktop to your website**
 - Upload videos to the KMC
 - o Embed videos on your site
- **Creating and embedding a playlist on your website**
 - o Manual Playlist
 - o Rules Based Playlist
 - 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: <u>http://www.kaltura.com/index.php/kmc</u> and log-in with the credentials that you received in the "Kaltura Registration Confirmation" email.

_		
Login		
Email:	Enter Email	
Password	Enter Password	
Remember Me		
Forgot Password?	<u>Signup</u>	Login



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.

		Dashbo	oard Contem	t Studio	Settings	
Manage	Moderate	Playlists	Syndicate	pload		
Upload						
This will allow	you to upload dir	ectly from your o	computer, as well as se	arch popular reposito	ries and import content from there.	
Default	• Upload					

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

	Video	Audio	Photo	
Upload				
Webcam	Upload videos			
Kaltura	Browse	ı can select multiple files	5)	
Metacafe				
MySpace				
Photobucket				
My Content				
			Back	Upload!



5. Click the upload button to start the file transfer

	Video	Audio	Photo		
Upload					
Webcam	Upload videos				
Kaltura	Browse				
Metacafe	Status	Name	:	Size	Remove
MySpace		animated logo.avi		482.0KB	
Photobucket		dilbert.flv	6	614.0KB	
My Content					
			Back		Upload!

6. Add titles and tags to your videos.

	Video	Audio Photo
Upload	Enter tag for all videos	Add
Webcam		Add
Kaltura		
Metacafe	Title	animated logo.avi
MySpace	Tags	Office, brand
Photobucket		
My Content	Title	dilbert.fl∨
	Tags	cartoon, office
		Back Next

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

Manage	Playlists	Syndicate	Upload						
ilters		« Entries	Table						
Search Entries	٩	Thumbnail	Name	Туре	Plays	Created On	Duration	Status	Publish
Additional Filters		DILBERT	dilbert.flv		0	02/18/10 13:26	00:00	Converting	
Categories	Edit		animated loop.avi		0	02/18/10 13:26	00:00	Converting	
□ All (41)	-		dartmoor.		0	02/11/10 20:32	02:13	Live	Preview & Embed
ariel (1) ∃ sub (1)		19800art	Trater 3 (H264)		0	02/11/10 20:32	02:21	Live	Preview & Embed
 Bulk3 (6) 			Car racing 3 (H264)	1	1	02/11/10 20:32	03:49	Live	Preview & Embed

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





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

Go	0	gle Page Creator : samplepagearielhit@gmail.com My Account Discuss Help Sign	out
«В	E	dit HTML	=
U		⊙ HTML ○ Preview	
Þ		Here there is the text of my page	
	(<pre>cobject name="kaltura player" id="kaltura player" type="application/x- shockwave-flash" allowScriptAccess="always" allowNetworking="all" allowFullScreen="true" height="332" width="400"</pre>	
		data="http://www.kaltura.com/index.php/kwidget/wid/_10818/ui_conf_id /48110/entry_id/vjss9o6lzc"> <param <="" name="allowScriptAccess" th=""/> <td></td>	
		value="always" /> <param name="allowNetworking" value="all"/> <param name="allowFullScreen" value="true" /><param <="" name="bgcolor" th=""/><td></td></param 	
		value="#000000" /> <param <="" name="movie" th="" value="http://www.kaltura.com
/index.php/kwidget/wid/_10818/ui_conf_id/48110/entry_id/vjss9o6lzc"/> <td></td>	
		/> <param name="flashVars" value=""/> <param <br="" name="wmode"/> value="opaque"/> video platform <a< th=""><td></td></a<>	
		href="http://corp.kaltura.com/technology/video_management">video management <a href="http://corp.kaltura.com/solutions</th><td></td></tr><tr><td></td><td>l</td><th>/overview">video solutions <a href="http://corp.kaltura.com</th><td></td></tr><tr><td></td><td></td><th>/technology/video_player">free video player	
		And some more text < <u>br</u> >	
<		Update Cancel	
VA/it	l ni	ublish to http://arielbit.googlenages.com/samplenage. Click publish above to make it publicly viewable lar	d da

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

ilters	« Playlists Table				
earch Playlists	Q Hame	Playlist	Created On	Publish	
reated between:	HD Man	Manual	02/11/10 20:34	Preview & Embed	Add Manual Playlis
ear Dates	III rule	Rule Based			Add Rule Based Play
	tan	Manual		l Manual Playlist tule 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.

Iame: My new manual playlist								
escription: manual playlist i created for the r	new homepage launch							
itters 🔶	Entries Table				Playlist Entries			
Search Entries	Q Name	Туре	Plays	Duration	Name	Туре	Plays	Duration
Additional Filters	Big Buck Bunny Trailer		0	00:33	Big Buck Bunr		0	00:33
Created between:	Big Buck Bunny 2		6	09:56	Elephants Dre		9	10:53
01/01/2010	Elephants Dream		9	10:53				
<u>Clear Dates</u>	Big Buck Bunny Trailer		54	00:33		Add to Pla	vlist	
All Media Types								
🗹 Video		-						
🧹 Image		Remove	from Pla	aylist				
Audio	-					Change o	rder of ent	ries
💙 Video Mix					-			
🗸 All Durations	•							
Categories	1	Show rows	: 10	•	Ent	ries: 2 Dura	ition: 11:26	

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.

Name:		My new play	/list 2			
escription:						
ilters	Playlis	st Entries				
Animals	Q Name	•	Туре	Plays	Duration	
Additional Filters	Biq	Buck Bunny		o	09:56	
Created between:	▲ <u>Car</u>	racing 3 (H2		1	03:49	
02/01/2010 = - 02/14/2010 =	Trail	er 3 (H264)		0	02:21	
<u>Clear Dates</u>	_ ≣ <u>dart</u>	moor		0	02:13	
All Media Types	Elep	hants Drean		o	10:58	
✓ Video	Big	Buck Bunny		0	00:33	
Image Audio	Corr	ipanies to w		o	02:30	
Video Mix			Ent	ries: 20 Duration:	01:21:18	
Categories	•	Order by	Most Rece	ent 🗸 🔻	Limit Playlist Result 20	

Save

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				_	? 8
*Name:	My ne	w playlist 3			
Description:					
Туре	Order by		Limit		
Media Type VideoVideo MixAudiolmage	Most Viewed		20		
Media Type ∀ideo∀ideo MixAudiolmage	Highest Rated		33		
Media Type ∨ideo∨ideo MixAudioImage	Most Recent		15		
	Cha	nge the order of the ru	les		
Add Rule Remove Rule Edit Rule	Length	01:16:23 Entries Count 17			
		Save			

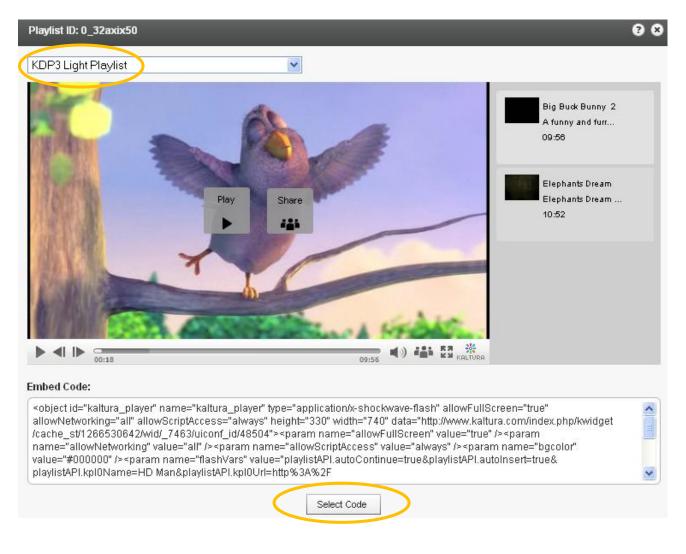
Embedding a Playlist on your site

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

Spen source video Dashb Manage Moderate Playtists	oard Content Studio Settings Syndicate Upload			
Filters	« Playlists Table			
Search Playlists	Hame	Playlist	Created On	Publish
Created between:	My new playlist 3	Rule Based	02/18/10 16:03	Preview & Embed
	HD Man	Manual	02/11/10 20:34	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.



Kaltura	Dashboa	ard	Content		
Manage Moderate	Playlists	Syndica	te	Upload	
Filters		« Er	ntries	Table	
Search Entries	٩	Thumb	onail	Name	
Additional Filters		DIL	JERT.	dilbert	
Categories	Edit			animat	
🖃 All (43)	-			dartmo	
⊡ ariel (1)					
⊡ sub (1)		and the second sec		Trailer	

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

Categories	Done editing	Categories Do	ne editing
⊟ All (43)	<u>^</u>	🗄 Ali (43)	-
🖃 ariel (1)		ariel (1)	
🗆 sub (1) 🗖		Add New Category	98
🗆 Bulk3 (6)		Japanese Subtitles	
⊟ h264 (4)	_	Add	
⊡ vp6 (1)	≣	Bulk4 (4)	

- 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.



	ía.	Dashboard	d Content	Studio	Settings
Manage	Moderate	Playlists	Syndicate Uploa	ad	
Upload					
· ·	ou to unlood dire		muter on well on operat	n nonulor roncoito	ries and import content from there.
-		cuy from your com	iputer, as well as search	n popular reposito	mes and import content from there.
Default 🔻	Upload				
Import from	Existing H	ost			
· ·	-		on the web, you can ea	silv direct the Kalt	tura servers to import it for you.
		r			
1. Download the	sample CSV file	here			
2. Edit the CSV f	ile locally - add t	he URLs of your c	ontent, and additional m	eta-data such as f	title, description, tags in the relevant columns.
3. Click Browse	and select the C	SV file you have e	dited.		
4. Submit the CS	∨ files so that th	e Kaltura servers v	will start to import the file	BS.	
5. Use the table I	below to keep tra	ack of the progres:	s 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.

ane content you wish to u	pload is already hosted on the w	eb, you can easily direct the Kaltura serve	rs to import it for you.			
. Download the sample CS	SV file <u>here</u>					
2. Edit the CSV file locally	-add the URLs of your content, ar	nd additional meta-data such as title, descr	iption, tags in the relevant column	s.		
3. Click Browse and select	the CSV file you have edited.					
Submit the CSV files so t	that the Kaltura servers will start t	o import the files.				
i. Use the table below to ke	eep track of the progress of your	import.				
Submit CSV						
Uploaded By	Uploaded On	llumber Of Entries	Status	Error	Log File URL	CSV File URL
	02/21/10 11:33		Verifying file		http://www.kaltura.com/index.php/e	http://cdn.kaltura.com/index.php/extv
	02/21/10 11:32				http://www.kaltura.com/index.php/e	http://cdn.kaltura.com/index.php/extv
	02/21/10 11:32				http://www.katura.com/index.php/e	http://cdn.kaltura.com/index.php/extv

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



Kaltura	Dashboa	rd Com	ent Studio Settings	
Manage Moderate	Playlists	Syndicate	Upload	
Filters		« Entries	Table	
Search Entries	٩	Thumbnail	Name	Туре
Additional Filters		Tener.	Titanic in 5 Seconds	
Categories	Edit		Humor	
⊡ All (59)	^		Big Buck Bunny Trailer	
⊡ ariel (1) ⊡ sub (1)			Home	
Bulk3 (6)		-	Creating together	

Content Syndication & SEO

- **<u>Content Syndication</u>**
 - o <u>TubeMogul</u>
 - o <u>iTunes</u>
- 💪 <u>SEO</u>
 - o <u>Google</u>
 - 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 (contact us to learn more)

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



Kaitura Dashboard	Content Studio Settings			Quickstart Guide Logout	Hi ariel Support
Manage Moderate Playlis Syndicate	b load				?
Syndication Feeds Here you can maximize your content's reach and general sharing sites and social networks.	te traffic back to your site via external syndication. Thr	ough Kaltura's integration with multiple distribution partn	ers, you can distribute and track your videos on a wide rar	nge of search engines, t	video
Name	Туре	Content	Feed URL		
				Create New Fee	d

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

Add Video Fee	d	6	9 6
*Feed Name:	\longrightarrow	My New Feed	
Select Content:		All Content	
		 Only content from this playlist 	
		My new playlist 3	
Feed Type:	\rightarrow	TubeMogul	•
TubeMogul Para	ameters:		
Content Flavor:	\longrightarrow	Source Source	
Categories:		Animals & Pets	•
		These categories will be use when pushing your content to the various shar websites	ing
		Add Feed	





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 <u>https://phobos.apple.com/WebObjects/MZFinance.woa/wa/publishPodcast</u> (launches iTunes application in the right page)
 - (c) Submit your feed



This feed is ready for submission 🛛 😯 😒
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 http://www.kaltura.com/api_v3/getFeed.php?feedId=0_eky94t82
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 http://www.kaltura.com/api_v3/getFeed.php?feedId=0_eky94t82
2. Go to https://phobos.apple.com/WebObjects/MZFinance.woa/wa/publishPodcast
(launches iTunes application in the right page)
3. Submit your feed
ок

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



Add Video Feed	Q 8
*Feed Name:	New Feed 2010
Select Content:	All Content
	 Only content from this playlist
	My new playlist 3
Feed Type:	Google
Google Parameters:	
Content Flavor:	Source 🛛 🔻 🧭 Add to default transcoding profile
*Landing Page:	http://www.news24.us
	ike to appear in the Google search results for each video in this feed. The system h entry.For example: "http://mysite.com?videoid="
Playback directly from Google?:	Yes and use this video player:
	Player with black hover controls
	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.

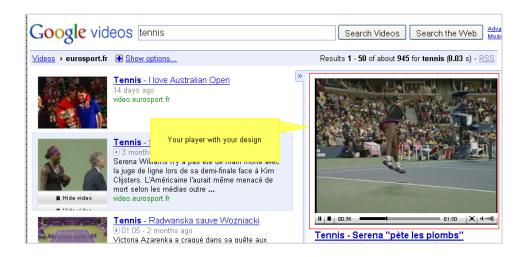
Here are the technical guidelines for submission:

- a. Google Webmaster Tool Setup
 - Setup a Google Webmaster account for your website: <u>https://www.google.com/webmasters/tools/home</u>
 - Setup your website in the Google Webmaster Tool follow the directions here: <u>http://www.google.com/support/webmasters/bin/answer.py?hl=en&answer=34592</u> 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 <u>https://www.google.com/webmasters/tools/home</u>
 - 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 <u>http://mysite.com/redirect.php</u>



Google vid			Search Videos	Searchthe Web	Moderate SafeSearch is on
<u>/ideos</u> > eurosport.fr	Show options			Result of about 94	K When Moderate
ALC WA	Tennis - Hove Aus 14 days ago	tralian Open	Entry Name		SafeSearch is on (Google Default) will not show content o
	video.eurosport.fr	Link goes to landing page, with e	ntry id appended		feeds marked as "adult
4	Tennis - Serena "r	ète les plombs"			
2 6		a pas été de main morte avec la ju icaine l'aurait même menacé de m		face à	
	Kim Cillsters, LAmer				
	video.eurosport.fr		Entry Description		
Play video	video.eurosport.fr Tennis - Fr ^{"play!}	If selected pack directly from google", lay button will appear.	A		
► Play video	video.eurosport.fr Tennis - R 101:05 - 2 Victoria Azarenka a c	If selected back directly from google",	Entry Description	andonnant	



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



*Feed Name:	New Feed 2010	
Select Content:		
Scient content.	All Content	
	 Only content from this playlist 	
	My new playlist 3	
Feed Type:	Yahoo!	
Yahoo Parameters:		
Content Flavor:	Source 🛛 🔻 🧭 Add to default transcoding profile	
*Landing Page:	http://	1
	rould like to appear in the Yahoo search results for each video in this feed. The ntry id for each entry. For example: "http://mysite.com?videoid="	
Playback directly from Yahoo	?: Ø Yes and use this video player:	
	Light player 🗸	
	This player will appear within the Yahoo search results page	
	 No, only linkback to my site 	
	http://	1
*Web Site:		

- 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
 - o **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

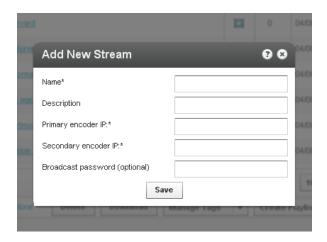
- Download Flash Media Encoder (FME) from: http://www.adobe.com/products/flashmediaserver/flashmediaencoder/
- 2. Install FME on your local Windows machine (follow the FME installation guide and minimum requirements described in Appendix A of this document)
- 3. Connect your camera to the installed computer

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.

ilters		« Entrie	es Table						
earch Entries	٩	Thumbnail	Name	Туре	Plays	Created On	Duration	Status	Publish
Additional Filters		Ŧ	Ariel test	P	0	04/09/10 17:03	00:00	Ready	Preview & Emb
Categories	Edit	Ŧ	LIVE Big Buck Bunny	P	0	04/09/10 11:02	00:00	Ready	Preview & Emb
□ All (15)		Ŧ	shay traffic	P	0	04/08/10 21:31	00:00	Ready	Preview & Emb
Aquarium (1)		Ŧ	Testaaaa	P	0	04/08/10 21:16	00:00	Ready	Preview & Emb
 Fish (1) hd content (1) 		WARNINGS	harvard		0	04/08/10 18:40	04:48	Ready	Preview & Emk
image (1)			national geographic		0	04/08/10 18:40	02:03	Ready	Preview & Em
Sample Bulk (9)			informant trailer		0	04/08/10 18:40	00:56	Ready	Preview & Emb
		4NOR	ice age		0	04/08/10 18:40	04:48	Ready	Preview & Emb
		-	<u>dartmoor</u>		0	04/08/10 18:40	02:13	Ready	Preview & Emb
			hubble Trailer		0	04/08/10 18:40	00:00	Error Importing	

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

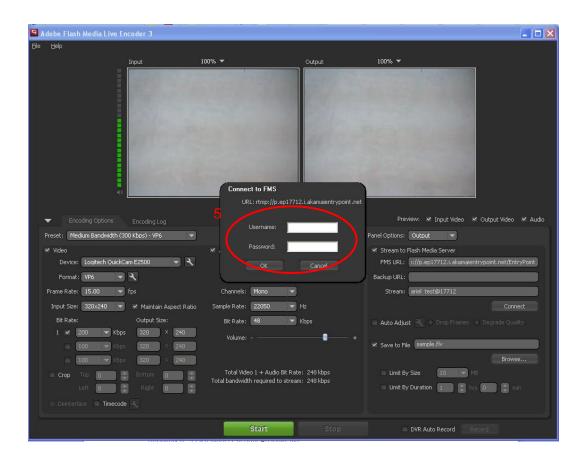
Go to the "Broadcasting" tab of the live entry you just created and copy the details to your FME, you can do this either by copying the details manually, or by using the "Export XML to FME" option:

i unes		Thumbhail Barne		iy	pe mays	Created On	Duration	Status	Publish
al Filters		Ariel S		9	0	04/09/10 17:03	00:00	Ready	
es	Edit Entry - Ariel t	est							2 8 menters &
(15) Aquark Fish (1 hd cont	Metadata Access Control Scheduling	parameters listed below	s-Client Encoder nt encoder creates the best results . if you need help configuring your (nardware and :	software. The clien	t encoder wil	I require the	review &
Sample	Broadcasting	please refer to our hel	p section						E review &
video (rtmp://b.ep22512.i.akamaientry; rtmp://b.ep22512.i.akamaientry; 0_fsu429q3_%i@22512 enultiple bitrates broadcast yer to select the optimal bitrate, thes Width Heig Kbps 320	point.net/EntryPoint se settings must be alligned ght	? I with your clie	nt encoder (FME)			review &
			Sav	e Changes					

- 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" \rightarrow you are now broadcasting
 - 7. When your broadcast is finished, click "Stop"



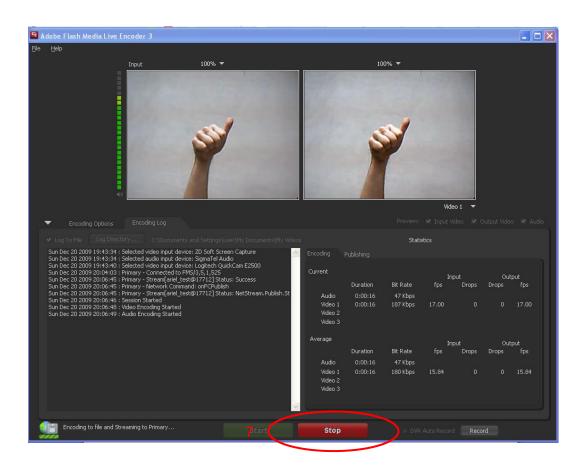
Adobe Flash Me	edia Live Encoder 3				×
Elle Help					
	Inout	100% 👻	Output	100% *	
		Ĩ		Y	
👻 Encodeg	Options Encoding Log			Preview: 🕊 Input Video 🕷 Output Video 🕷 Audio	
Presets Modum	Sandwidth (300 Kbps) - VP6			Parel Optons: Output	
✓ Video	atech Quei Can E2500 🔹 👻	Audo		✓ Stream to Flash Media Server PHS LPL v critic rest 7712.L.skamslentmoorst.net/EntryPort	
Format: 10	८ २ २	Format: Mod	9	Backup LRs. m//p.rp17712.i. advansertrypare.net/EntryPort	
Frame Rate: 15	i.00 💌 fps			Stream and test@17712	
Input Size: 30	0i240 💌 🛩 Markan Aspect	Ratio Sample Rate: 22050	e e	Cornect	
Bit Rate:	Output See:	Bit Rate: 40	Ktos	a Auto Adust -RC -> Dros France -> Degrade Guilly	
1 🛩 200	- Hans 320	Volume: -			
= (100	- Cars - 1320 - 123	•		✓ Save to File (##ficie.ffir	
= [109				Drowse	
E Crop THE		Total bandwidth required to str.		Link by Sce	
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II: Destaduce	= Tinecode				
		Start	Stop.	U. DVR Auto Record Financial	



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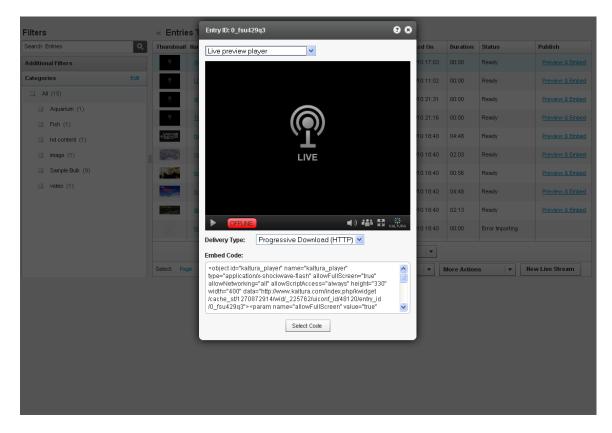
🗳 Adobe Flash Media Live E	ncoder 3		ONE		
<u>File H</u> elp					
	Input	100% 🔻	Output	100% 🕶	
43		*		-	
 Encoding Options 				Preview: 🛩 Input Video 🛩 Output Video	🗸 Audio
Preset: Medium Bandwidth (3	800 Kbps) - VP6 🛛 🔫			Panel Options: Output	
🗹 Video		M Audio			
Device: Logitech Quick(Lam E2500 🛛 👻 🥄	Device: SigmaTel Audio	२ २	FMS URL: 1://p.ep17712.i.akamaientrypoint.net/Entr	ryPoint
Format: VP6 💌	۹	Format: Mp3 🔍		Backup URL:	
Frame Rate: 15.00 🔻) fps	Channels: Mono 💌		Stream: ariel test@17712	
Input Size: 320x240 🔻	🛛 Maintain Aspect Ratio	Sample Rate: 22050 👻	Hz		
Bit Rate:	Output Size:	Bit Rate: 48 💌	Kbps	🔲 Auto Adjust 🔍 🔿 Drop Frames 🔿 Degrade Qual	
1 🗹 200 🔻 Kbp	s 320 × 240	Volume: -			
🔲 🚺 🔽 Kbp	s 320 × 240			✓ Save to File sample.flv	
🔲 🚺 🔽 Kbp	s 320 × 240				
Crop Top 0	Bottom 0	Total Video 1 + Audio Bit Rate Total bandwidth required to stream		Limit By Size	
Left 🚺	🗧 Right 🚺	rotar banawati regai ca to strean	n 2 10 10p3	📃 Limit By Duration 🧵 📑 hrs 🕕 📑 mi	
Deinterlace Timecod	e 🔍				
Connected	6 🤇	Start	Stop	DVR Auto Record Record	





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		Dual Core 2GB RAM	0.4	135 GB
640x480	1.4	support frame size & bitrate	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
 - HTTP Delivery
 - **<u>RTMP Delivery with Adaptive Bitrate</u>**
 - 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		8 8
KDP3 Light Player	V	
	Share	
Delivery Type: Progressiv	ve Download (HTTP) 🔽]
<pre><object all"="" allows="" data="http://www /cache_st/1267046976/wid/_' /0_3xu9cw0" id="kaltura_player" na="" type="application/k-shockwav allowNetworking=" width="400"><param name="</pre"/></object></pre>	e-flash" allowFullScreen=' criptAccess="always" heig .kaltura.com/index.php/kw 7463/uiconf_id/48501/entr	ht="330" 🔤 idget y_id
	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		88
KDP3 Light Player	~	
	Play Chare	elegtares devane
► 00:00	10:58) iii Ea 👯
Delivery Type: Adapti Embed Code:	ve Streaming (RTMP)	<u>-</u>
type="application/x-shock allowNetworking="all width="400" data="http://v /cache_st/1267045804/w	r" name="kaltura_player" wave-flash" allowFullScreer owScriptAccess="always" h www.kaltura.com/index.php/l rid/_7463/uiconf_id/48501/e me="allowFullScreen" value	eight="330" «widget ntry_id
	Select Code	

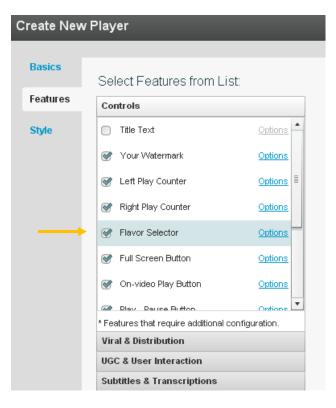
Adding the Flavor Selector Module

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.









Access Control Settings

- <u>Access Control Settings</u>
 - o **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.

i k	altura Dashb	oard content Stud	lio Settings			Quids	stat Guide Logout	Hi Sup
Acco	unt Settings Integration Settin	gs Access Control Tran	scoding Settings Account Upgra	de				
Access Control Profiles An Access Control Profile defines authorized domains where your content can appear, countries from which it can be viewed and security settings. You can then select an appropriate Access Control Profile for each entry or group of entries.								
An Acce	ess Control Profile defines authorize	ed domains where your content ca	n appear, countries from which it can	be viewed and security settings. Yo	ou can then select an appropriate Ac	cess Control Profile for each entry or group o	of entries.	
An Acce	ess Control Profile defines authorize	ed domains where your content ca Description	n appear, countries from which it can Created On	be viewed and security settings. Yo Domains	ou can then select an appropriate Ac	cess Control Profile for each entry or group o Advanced Security	of entries.	2
		-					of entries.	?

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.



New Acces	ss Control Profile			8 9
Access Cor	trol Profile Details			
*Profile Name:	My New Profile			
Description:	Profile for new site launc	h		E
Authorized	Domains	Add New Domain	3 8	
Where can th	is video appear?			
O All dom	ains			
Only in	the following approved do	Domain:		
Domains:	www.mysite.com	Save		
+ Add ar	other domain - Remov	ve selected domains		
 Not fro 	m the following domains:			•
		Create New		

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.



New Acces	s Control Profile	88
Authorized C	Countries	
Where can the	viewers come from?	
 Anywhe 	sre	
Only fro	m the following countries:	
Countries:	I Argentina	
	🕎 Australia	
	Canada	_
		=
+ Add / - F	Remove countries	
 Not from 	the following countries:	
		•
	Create New	

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

Dashboa	rd Content	Studio Se	ttings	
laylists	Syndicate Upload			
٩	Edit Entry - Titanio	c in 5 Seconds	_	_
	Metadata	Profile Details	:	
Edit	Access Control	Access Control Pr	ofile: Default	▼ Add Profile
÷.	Scheduling	Profile Name:	Default	
	Flavors	Description:	Mexico only	
	Mixes	Domains:	Any Domain	
		Countries:	Any Country	



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 Entry Scheduling: Access Control Any Time			
Scheduling Specific Range			
Note: Time Zone used is (GMT+2) Flavors			
Mixes Start Date: 02/21/2010 1 : 00 pm			
<u>Clear Dates</u>			

Save Changes



Advertising

- **Advertising**
 - o Connecting with Ad Servers and networks via AdapTV
 - o 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 adapt.tv (<u>Contact us</u> 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.
- 2. In the Features tab, open the Advertising section from the features list.
- 3. Check the adapt.tv box and then click Options.

Create New Player			
Template	Select Features from List:		
Features	Controls		
Style	Viral & Distribution		
	UGC & User Interaction		
	Subtitles & Transcriptions		
	Advertising		
	AdapTv*		
	Tremor* Options		

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



Edit Player	
Template	
Advertising Component Features	
Style Allows you to include various types of video ads in your videso. Please enter your credentials below and you will be transferred to the advertising management system to set 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 Adap.tv Zone ID default Pre sequence index 1 post sequence index 1 Cancel	up

- 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.



en source video			Adpa.tv onesource console:	
Create/Edit Connection	to Ad Server	integrating with additional ad		
✓ Name AdTech	Ad Provider	AdTech Helios IQ Publisher	servers	
🧭 Display	Ad Format	Video (VAST)		
Video (VAST) Delivery & Pricing Paused	Ad Tag URL	http://adserver.adtechus.com/addyn/3.0/5132/383 target=_blank;cc=2;sub1=383937;sub2=383939;s MESTAMP]		
View Targeting All views	Buffer Duration (sec)	3	0	
I spot Targeting No ad spots	Countdown Text	Video begins inSECONDS seconds	1	
	Insert Skip Ad Option	No V		
	Skip Ad Link Text	skip ad	1	
	Enable the sound button	Yes V (i)		
	Start muted	No V (i)		
	Start volume level	100	•	
	Show banner inside the Player	No V		
	Companion Id		•	
			Save and View Forecast Save Cancel	

Connecting with Tremor Media

- 1. To add Tremor Media's service to your Kaltura players start by signing up with Tremor Media (<u>Contact us</u> 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.

Torontota	
Select Features from List:	
Controls	
Style Viral & Distribution	
UGC & User Interaction	
Subtitles & Transcriptions	
Advertising	
O AdapTv* Option	<u>s</u>
Tremor*	<u>s</u>

- 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	Advertising Component
Style	Allows you to include various types of video ads in your videso. 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
	1
	Apply Cancel

Target, manage and customize your ads via the <u>Tremor Media console</u> (Acudeo).

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



TIMELINE OPENING SLATE , PRE-ROLL	AD BUMPER VIDEO CONTENT POST-ROLL AD END SLATE
Pre-Roll Ad	
Show advanced features Display 1 Pre-Roll Ad(s) O before	every 1st 💌 video starting with the 1st 💌 video
Ad Source	Ad Tag URL 🚺
Tremor Media	http://adserver.adtechus.com/addyn/3.0/5132/383941/0/16/ADTECH;loc=100;nope
Failover Ad Source 👔	Ad Tag URL
Tremor Media 💌	http://adserver.adtechus.com/addyn/3.0/5132/383941/0/16/ADTECH;loc=100;nope
Timeout value for all Ad Tag responses 8000 millis	econds 1

Player Design

- <u>Designing and Configuring a New Player or Playlist</u>
 - Configuring the player settings
 - Configuring the player features
 - Additional feature configuration options for playlists
 - o <u>Configuring the player style</u>
 - o <u>Creating a Multiple Playlist</u>

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.



Copen source video Da:	shboard C	content Studio Settings					Hi a Quidkstart Guide Logout Supp
In this page you can customize the look and th players on the left for editing. Name	ne functionality of yo	ur players. You can design and configure a nev	v player or select o Size	ne of the Mode	Template	Actions	(
My Player	1255952	2010-02-21 16:55:31	400×330	Wizard	Player	Select Action	New Player (Single Video) New Player - Horizontal Playlist
Tremor midroll time based 4b7960f9a06e4	1245802	2010-02-15 17:00:51	400×330	Wizard	Player	Select Action	New Player - Vertical Playlist
Tremor Ariel 4b584e8b0181f	1245732	2010-02-15 16:40:49	400×330	Wizard	Player	Select Action	New Player - Multiple Playlist

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.

Create New	/ Player						
Template	Player Details						
Features	Player Name Player Name						
Style	Video Ratio						
	If media aspect ratio is different than player aspect ratio:						
	Keep original media ratio						
	 Stretch media to fit player 						
	Auto Play Automatically play video on page load						
	Start player muted						
	Playlist Controls						
	Automatically continue to the next entry						
	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).

Create New	v Player Features	List: Select	he features you				
Basics Features	want,to add and remove Select Features fr		Preview P				
Style	Style Title Text Options		Player Size: 700 ★ 290 ★ Preview Video screen size: 360 × 260 ✓ ✓ Video Ratio: 16:11.55 Standard video ratios are 16:9 and 4:3. ti is recommended that you optimize the video player size so that video ratio is one of those. Table Screen size: 10:11.55				
	 Right Play Counter Flavor Selector Full Screen Button 	Options Options	Kaltura Logo For 00:04 A black version of the Kaltura animated logo	Î			
	 On-video Play Button * Features that require additional c Viral & Distribution 	Options 💌	Play Share Edit Ared version of the Kaltura animated logo				
	UGC & User Interaction Subtitles & Transcriptions Advertising		Yourcreating together watermark				
	Custom Buttons* Playlist Items Additional parameters and pla		here 00:04 10	w			

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.



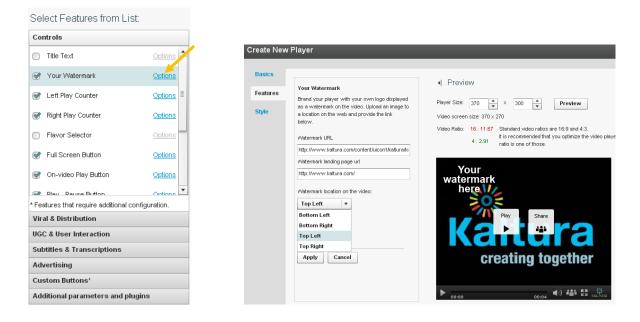


1. Change the location of the watermark logo

Go to Controls \rightarrow Watermark \rightarrow click Options

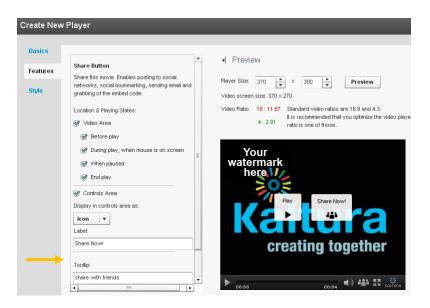


In the Watermark Location drop-down menu select Top Left, click Preview and then Apply to confirm your choice



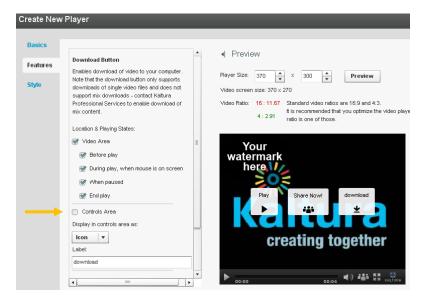
2. Change the label of the Share button

Go to Viral & Distribution \rightarrow Share Button \rightarrow Options Locate the Label field and change the default text to "Share now!", then click Apply



 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 \rightarrow Fullscreen \rightarrow Options In the Display in Controls Area drop-down select Label If desired, change the label text in the Button Label field

Create New	/ Player
Basics	
Features	Full Screen Button
Features Style	This button allows users to which to full screen mode, and back to regular mode. Player Size: 370 ★ × 300 ★ Preview Location & Playing States: Video screen size: 370 × 270 Image: Wideo Area 16:11.67 Before play tis recommended that you optimize the video ratio is one of those. Image: Wideo Area tis recommended that you optimize the video ratio is one of those. Image: Wideo Area tis recommended that you optimize the video ratio is one of those.
	When paused End play Controls Area Display in controls area as: Label ▼ Label ↓ Label ↓
	Tootip Text: Toggle fullscreen

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.

 \rightarrow 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.

	/ Player	
Basics		
Features	Style and Color	I Preview
Style	Select theme:	dark Player Size: 370 A V Size: 370 Preview Preview
Style	Control bar buttons Color of Icons and labels	Video screen size: 370 × 270 Video Ratio: 16:11.67 Standard video ratios are 16:9 and 4:3. If is recommended that you optimize the video playe ratio is one of those.
	Mouse over color On-video buttons On-video buttons color On-video mouse over color On-video icons and labels color	
	Font Arial V	creating together

- 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

Kaltura Players List	Dashboard	Content Studio	Settings	Analytics			
In this page you can customize the players on the left for editing.	look and the functionality of	your players. You can design a			of the	Basics	Actions
My Player	1257402	2010-02-22 10:52:47				Player	Select Action
My New Player	1257342	2010-02-22 10:24:59	700	D×290	Wizard	Playlist	Select Action
test	1251602	2010-02-18 15:00:56	400	Dx330	Wizard	Player	Select Action
Chromless	1251442	2010-02-18 14:08:12	400	D×300	Wizard	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

Kaltura open source video Players List	shboard C	ontent Studio Settings	Analytics				Hi Lisa Bennett Quickstart Guide Logout Support
players on the left for editing.		ar players. You can design and configure a new					?
Name	ID	Save Date	Size	Mode	Basics	Actions	New Player (Single Video)
My Player	1257402	2010-02-22 11:00:05	370×300	Wizard	Player	Select Action	New Player - Horizontal Playlist
My New Player	1257342	2010-02-22 10:24:59	700×290	Wizard	Playlist	Select Action	New Player - Vertical Playlist
test	1251602	2010-02-18 15:00:56	400×330	r∕vizard	Player	Select Action	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.

sics	All Playlists (as created in the Content tab):					Playlist Tabs (each playlist represents a new tab):		
atures	Name	Playlist Type	Created At			Name	Playlist Type	Created Date
Style Content	Ariel November Blog Mc	Manual	01-Nov-2009 21:38			Ariel Songs	Manual	03-Sep-2009 15:47
	Ariel October Blog Movi	Manual	02-Oct-2009 12:17			Ariel's 4th B-day Party	Manual	07-Jun-2009 14:48
	Ariel Songs	Manual	03-Sep-2009 15:47		••	Ariel June Blog Movies	Manual	04-Jun-2009 15:59
	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					
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6. The new player will appear in the Players List.