Universal Studio Information Guide

Version: v2



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Overview of the Universal Studio

The Universal Player Studio is a robust HTML based player editor. It supersedes the Flash Player Studio and natively edits Kaltura Player Tool Kit (v2) players JSON based configuration. Kaltura toolkit players, support being embedded into responsive HTML web pages and native iOS and Android applications. For more information see the article Kaltura Player Toolkit.

Architecturally the Kaltura Universal Player Studio works with non-destructive JSON editing that enables both manual edits of the JSON file as well as editing the JSON file with the player studio GUI. This guide is exclusively focused on the user interface. If you want to edit a player's JSON source directly, you can do so in the Kaltura Player Version Utility Page.

For frequently asked questions per transitioning between the Flash Studio and the Universal Studio, see the Universal Studio FAQ. Pay close attention to the limitations in transitioning to the Universal Studio and using a Kaltura Player Toolkit v2 Player.

Designing and Configuring a Player



NOTE: When upgrading a player that was created in the Flash Studio, be sure to duplicate the player. Not all of the Flash features are directly supported in the Universal Studio players, and unexpected results may occur.

Use the Universal Studio tab in the KMC to create configurations and design players and playlists. You can add, remove and adjust multiple buttons and features, and design a player to match the look of your site.

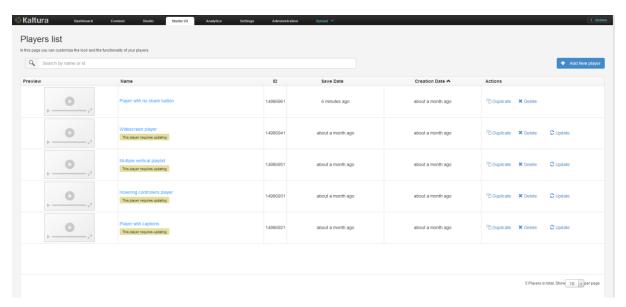
Updating the Player List in the Universal Studio

The Universal Studio tab displays the complete list of the players defined in your account. This includes players created with the Flash studio. To edit any player in the Universal s\Studio the player must be updated to the new Universal Studio Players. This includes any players previously created via API and even early versions of v2 players.

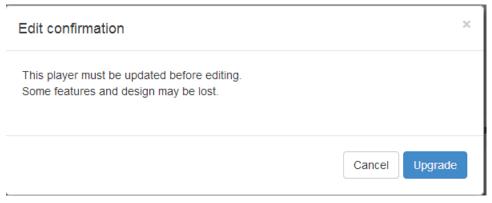
All players created using the previous KMC Studio are automatically available to be upgraded in the new Universal Studio.

To update the players

- Select the Studio tab and then click Universal Studio.
 The list of existing players is displayed.
- **2.** Click on the link "The player requires updating" for each player to update the player to the Universal Studio player.



An Edit confirmation box is displayed.



3. Click Upgrade.



- 4. Click OK.
- 5. Begin to configure the Universal Studio player settings.

Reverting to the Flash Studio Player

Since some of the Flash features are not directly supported in the Universal Studio players, you may want to revert to the originally configured Flash player.

☐ To revert back to the original studio player

- 1. Clone a player before you upgrade it.
- 2. Delete the upgraded player.

Universal Studio Icons

The Universal Studio icons represent the following configuration options:

| Icon | Description |
|--------------------|--|
| Search icon. | Use this section to search for configurable properties across all player plugins. Opens the Menu Search window. |
| Basic Display icon | Use this section to set the player name, entry and aspect ratio. Opens the Basic Display window. |
| Look and Feel icon | Use this section to adjust the visual appearance of the player. Opens the Look and Feel window. |
| Analytics icon | Use this section to configure analytics via the Kaltura platform as well as via 3rd party analytics providers. Opens the Analytics window. |
| Monetization icon | Use this section to configure content monetization plugins. Opens the Monetization window. |
| Plugins icon | Use this section to configure additional plugins. Opens the Plugins window. |

Creating a Player in the Universal Studio

Each player contains a collection of features of a specific Kaltura Player configuration. In addition to the Kaltura defined features, a player can include a custom plugin configuration.

To create a player

- 1. Select the Universal Studio tab.
- Click Add New player.The Basic Display window is displayed.



- 3. Configure the Basic settings.
- 4. Configure the Universal Studio Player Look and Feel Features.
- 5. Configure the Analytics. (Optional)
- **6.** Configure the Monetization. (Optional)
- 7. Configure the Plugins (Optional)f
- 8. Click Save Player Settings.

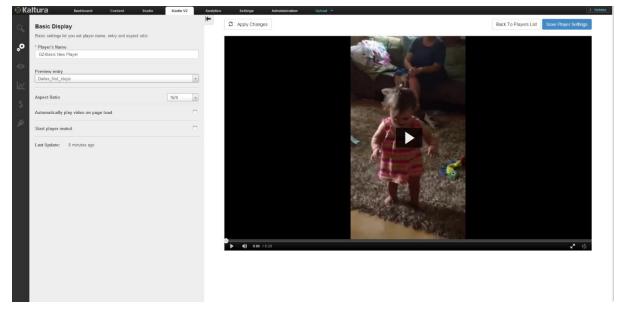
Basic Display

Use the basic setting to set the player name, entry and aspect ratio.

Enter the following information:

| Field | Description | Values |
|---------------|--|--------|
| Player's Name | Enter an informative Player Name (required). | |

| Field | Description | Values |
|---------------------------------------|---|------------------------------------|
| Preview entry | Choose an entry to preview using the player. Some features may be dependent for specific entries. | A list of entries for your account |
| Aspect Ratio | Select a player aspect ratio for the player preview | 16/9 4/3 16/9 |
| Automatically play video on page load | If the player should automatically start playback | True or false |



Editing a Player

All changes you make to an existing player will propagate to all sites where the player has been embedded, including syndicated players on other sites.

- To edit a player
- 1. Select the Universal Studio tab.
- 2. Click on the relevant player in the Player List.
- 3. Select an icon to modify the current player configuration.
- 4. Click Save Player Settings.

Duplicating a Player

To duplicate a player

- 1. Select the Universal Studio tab.
- 2. Click on the relevant player in the Player List.
- Click Duplicate.
 The player configuration Basic Configuration window is displayed and the player is rendered as a copy of the existing player.
- 4. Modify the player's Basic Display settings to give the new player a distinct name
- 5. Click Save Player Settings.

Deleting a Player

Deleting a player eliminates it from all the locations where the player has been previously embedded. For example, if you have embedded a player using this design on your site or an external site, after you delete it from the Player List, the player will no longer appear and a blank area is displayed on the website.

To delete a player

- 1. Select the Universal Studio tab.
- In the Actions column of the relevant player, click Delete.A Delete confirmation prompt is displayed.
- 3. Confirm the deletion.

508 Compliancy

All Universal Studio players are 508 compliant. The player's features include:

- Support for captions file in timed text or SRT formats for the video/audio file
- Support for an audio description in a standardized format for the video/audio file
- Hidden text elements for every non-text element (for screen readers)
- Tooltips
- Keyboard tabbing and controls

For more information see 508 Support within the Kaltura Player Toolkit.

Configuring the Player's Look and Feel

The Look and Feel tab is made up of different sections, controlling the various features of the player.

Use the options in this window to select the features (buttons, layers and modules) to be included in your player. As you select your features from the list, you can preview the changes in real time in the preview pane on the right.

Universal Studio - Player Look and Feel Features

The look and feel features include configurable features (buttons, layers and modules) available for the Universal Studio Player. Checking the box next to any feature allows you to preview it in the Preview Pane. Most of the features have in-depth configuration options.

- Title Label Use to set the title text within the hover.
- Share Add the Share interface to the player.
- Closed Captions Use to set up closed captions and the caption display. Kaltura includes multi-lingual closed captions support that comply with FCC regulations.
- Volume Control Use to control the player volume using mute/unmute buttons and a volume slider.
- Keyboard Shortcuts Use to control the player using keyboard shortcuts. For additional information about JavaScript, see key mappings.
- Watermark The Kaltura watermark plugin.
- Moderation Allow your users to flag content as inappropriate
- Custom Styles Modify the theme CSS style

To view and customize the player's different features

- 1. Select the Universal Studio tab and then select a player.
- 2. Select the Look and Feel icon.
- 3. Click on the feature to configure.

Title Label

Use the Title label to set the location and text of the title label.



To set the title label

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Title label to enable this option.
- 3. Select the alignment location from the drop down menu.
- **4.** Enter the Text for the label. The default is the mediaProxy entry name. (That is the original name you gave to the content when you uploaded it to the KMC.)
- 5. Click Apply Changes to preview your modifications.
- 6. Click Save Player Settings.

Share

Use the Share feature to add the Share interface to the player.



■ To set the Share button

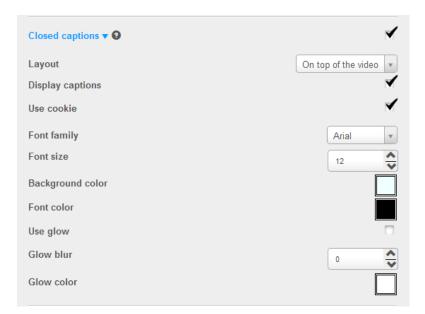
- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Share feature to enable this option.
- 3. Select the parent (where the Share button should be placed) from the drop down menu.



- 4. Select the Share button alignment location.
- **5.** Enter the social networks that you want to create Share buttons for. The defaults are Facebook, Twitter and Google+.
- **6.** Enter a Social share URL. (optional) This will control what URL is shared to the respective social networks. For example http://mysite.com/videos/{mediaProxy.entry.id}} would share a page on your site with that URL where the current video entry id is substituted into the URL.
- 7. Click Apply Changes to preview your modifications.
- 8. Click Save Player Settings.

Closed Captions

Use the Closed Captions option to set up closed captions support and the caption display.

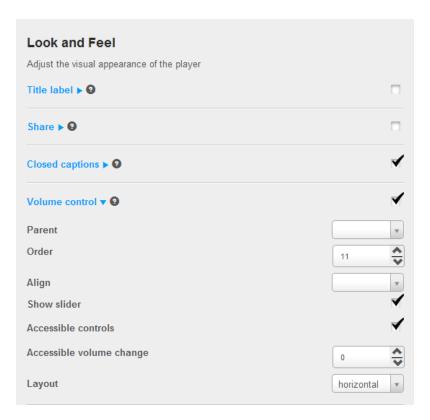


☐ To configure the closed captions display on the player

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Closed Captions to enable this option.
- 3. Select the layout (location on the video) from the drop down menu.
- 4. Modify other closed captions' options as required.
- **5.** Click Apply Changes to preview your modifications.
- 6. Click Save Player Settings.

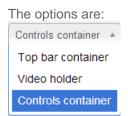
Volume Control

Use the Volume Control option to control the player volume using mute/unmute buttons and a volume slider.



To set the volume control

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- **2.** Check the box next to Volume Control to enable this option.
- **3.** Select the parent (where the Volume Control button should be placed) from the drop down menu.



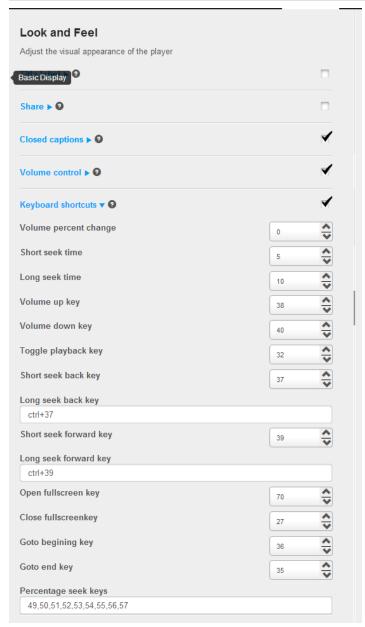
- **4.** Select the Order. Let's you control the placement of the component relevant to the other components.
- **5.** Select the alignment position of the volume button.
- **6.** Check Show slider to display the column slider.
- 7. Check Accessible controls to enable them.
- 8. Select the accessible volume change value from the drop down.
- 9. Select the Layout.
- 10. Click Apply Changes to preview your modifications.
- 11. Click Save Player Settings.

Keyboard Shortcuts

Use the Keyboard Shortcuts option to control the player using keyboard shortcuts.

| Name | Description | Values |
|------------------------|--|--|
| Volume Percent Change | Controls the interval of Volume Change | 0-1, .2 for example defines 5 steps of keyboard volume control |
| Short Seek Time | In seconds | |
| Long Seek Time | In seconds | |
| Volume Up Key | | |
| Volume Down Key | | |
| Toggle Playback Key | | |
| Short Seek Back Key | | |
| Long Seek Back Key | | |
| Short Seek Forward Key | | |
| Long Seek Forward key | | |
| Open Full Screen Key | | |
| Close Full Screen Key | | |
| Go to beginning Key | Seeks to the start of the content | |

| Go To End Key | Seeks to the end of the stream | |
|----------------------|--|--|
| Percentage Seek Keys | Comma delimited list of keys used to seek to fixed percentages in the stream | |



To set keyboard shortcuts

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Keyboard Shortcuts to enable this option.
- 3. Enter the following parameters:

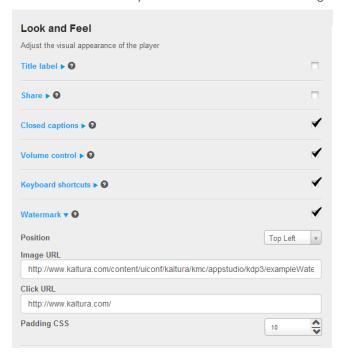
| Name | Description | Values |
|-----------------------|--|--|
| Volume Precent Change | Controls the interval of Volume Change | 0-1, .2 for example defines 5 steps of keyboard volume control |

| Name | Description | Values |
|------------------------|--|--------|
| Short Seek Time | In seconds | |
| Long Seek Time | In seconds | |
| Volume Up Key | | |
| Volume Down Key | | |
| Toggle Playback Key | | |
| Short Seek Back Key | | |
| Long Seek Back Key | | |
| Short Seek Forward Key | | |
| Long Seek Forward key | | |
| Open Full Screen Key | | |
| Close Full Screen Key | | |
| Go to beginning Key | Seeks to the start of the content | |
| Go To End Key | Seeks to the end of the stream | |
| Percentage Seek Keys | Comma delimited list of keys used to seek to fixed percentages in the stream | |

- 4. Click Apply Changes to preview your modifications.
- 5. Click Save Player Settings.

Add or Modify the Watermark

Use the Watermark option to set the watermark image and location of the watermark.

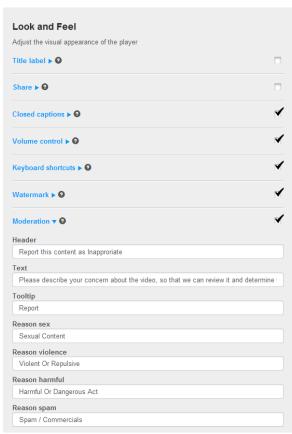


■ To select the watermark and the display location

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Watermark to enable this option.
- **3.** Select the position of the watermark location from the drop down menu.
- 4. Enter the watermark image URL.
- 5. Enter the Click URL.
- **6.** Select the Padding CSS to determine the padding from the edge of the play screen. Enter the value in pixels.
- 7. Click Apply Changes to preview your modifications.
- 8. Click Save Player Settings.

Configure Moderation

Use the Moderation option to allow users to moderate content and flag content as inappropriate.



To set the Moderation options

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Moderation to enable this option.
- 3. Enter the following parameters:

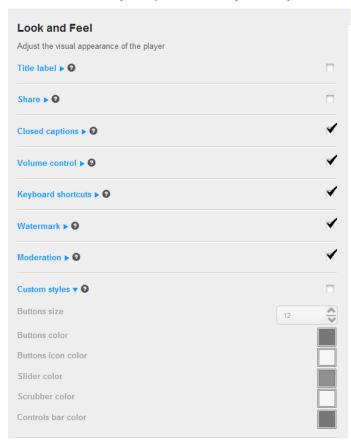
| Name | Description | Values |
|---------|-------------|--------|
| Header | | |
| Text | | |
| Tooltip | | |

| Name | Description | Values |
|-----------------|-------------|--------|
| Reason sex | | |
| Reason violence | | |
| Reason harmful | | |
| Reason Spam | | |

- 4. Click Apply Changes to preview your modifications.
- 5. Click Save Player Settings.

Create and Modify Custom Styles

Use the Custom Styles option to modify CSS styles.



■ To modify custom styles

- 1. Select the Universal Studio tab and select the Look and Feel icon.
- 2. Check the box next to Custom Styles to enable this option.
- 3. Modify the parameters.
- **4.** Click Apply Changes to preview your modifications.
- 5. Click Save Player Settings.

Configuring the Player's Analytics

Kaltura supports robust analytics via the Kaltura platform as well as via 3rd party analytics providers.

The following Analytics options are supported:

- Akamai Media Analytics Supports sending player analytics events to Akamai.
- Google Analytics Supports sending player analytics events to Google.
 For full implementation guide see Google Analytics in the Knowledge Center.
- comScore Supports sending player analytics events to comScore
- Nielsen Combined Supports sending player analytics events to Nielsen Combined
- Omniture on page The Omniture s_code config version of the plugin allows you to connect
 the Omniture plugin to your existing s_code.js configuration for easy integration of video
 analytics into an Omniture site.
- Kaltura Analytics Use Kaltura analytics to tracking Kaltura player events. Statistics are enabled by default. Configuration consists of adding additional tracking info.

■ To configure the player analytics settings

- 1. Select the Universal Studio tab and then select or create a player.
- 2. Select the Analytics icon.
- 3. Check the Analytics option you want to configure.
- **4.** Enter the relevant parameters for the chosen option.
- 5. Click Save Player Options.

Akamai Media Analytics

Akamai Media Analytics are designed to provide consistent and accurate data about the playback and quality your audience is experiencing on any device.

| Field | Attribute | Value | Description |
|-----------------------------|-----------------------|---|--|
| Configuration XML path | configPath | http://ma193- r.analytics.edgesuite.net/ config/beacon-3431.xml | URL for Akamai's configuration XML. |
| Media Analytics SWF path | swfPath | http://79423.analytics.edg esuite.net/csma/plugin/cs ma.swf | URL for Akamai Media Analytics SWF. |
| Track event monitor | trackEventMoni tor | trackAkamaiAnalyticsEve nt | Track Akamai media analytics events with a named callback. |
| Player id | playerId | null | Override the default value for the playerId field, By default it is the uiconf_id. |
| Title | title | null | Override the default value for the title field. By default it is the entry title. |
| Category | category | null | Override the default value for the |

| Field | Attribute | Value | Description |
|--------------|-------------|-------|--|
| | | | category field, By default it is the media type. For example, image, video, audio. |
| Sub Category | subCategory | null | Override the default value for the subCategory field. The default value is null. This field can be used for additional segmentation. |
| Event Name | eventName | null | Override the default value for the eventName field, custom set by event |

Google Analytics

| Field | Attribute | Value | Description |
|-----------------------------|----------------|-------------------|---|
| Google urchin code | urchinCode | | The Google urchin code i.e. UA-30149691-1 |
| Event monitor function name | customEvent | doPlay | Function called on parent page for every event. |
| Custom events list | doPlayCategory | My Custom event | Comma separated list of events you want to track. |
| Category for event | | | Category sent to Google Analytics for prefixed event. |
| Action for event | doPlayAction | player is playing | Action sent to Google Analytics for prefixed event. |
| Value for event | doPlayValue | 1 | Value sent to Google Analytics for prefixed event |

Comscore

| Field | Attribute | Value | Description |
|------------------------------------|-----------|-------|---|
| ComScore XML tag mapping file path | | | URL to a ComScore XML tag mapping file. |
| Event function name | | | Function called on parent page for every event. |
| Content party | | | Party that delivered the content |
| Content owner | | | Owner of the content - Content producer |
| Content owner attribute key | | | Mapping the attribute key for content owner |
| Content owner value key | | | Value key for content owner |
| Content view site | | | Location/site where content was viewed |

| Field | Attribute | Value | Description |
|----------------------------|-----------|-------|--|
| Site mapping attribute key | | | Mapping the attribute key for site/location |
| Site value key | | | Value key for site location |
| Content type | | | Genre and type of content |
| Type attribute key | | | Mapping the attribute key for genre and type |
| Site value key | | | Value key for site location |

Nielsen Combined

| Field | Attribute | Sample Value | Description |
|----------------------|-----------------------|---|---|
| Client ID | clientId | us-502202 | The client ID. |
| Video IS | vcid | c15 | The video ID. |
| Title tag | tag_title | {mediaProxy.entry.name} | The title tag. |
| Category Tag | tag_category | {mediaProxy.entry.catego ries} | The category tag. |
| Sub-category tag | tag_subcategor | {mediaProxy.entryMetada ta.subcategories} | The subcategory tag. |
| Census Category tag | tag_censuscate gory | {mediaProxy.entry.censu scategories} | The census category tag. |
| Thumbnail URL tag | tag_imgurl | {mediaProxy.entry.thumb nailUrl} | The thumbnail URL tag. |
| Even t Function name | trackEventMoni tor | trackEvent | Function called on parent page for every event. |
| | clientId | us-502202 | The client ID. |
| | vcid | c15 | The video ID. |

Omniture on Page

The Omniture s_code config version of the plugin allows you to connect the Omniture plugin to your existing s_code.js configuration for easy integration of video analytics into an Omniture site.

| Field | Attribute | Value | Description |
|---------------------------------|-----------|-------------------|--|
| Code URL | | | The URL to the Ominture generated sCode file. If null, a local copy of s_code.js is used. Must be set in uiConf not via flashvar |
| Entry code name | | . "s' by default. | The name of the s-code entry point in the global window scope |
| Monitor event tracking interval | | | Set to interval in seconds for tracking the Omniture m\:monitor" events. |

| Field | Attribute | Value | Description |
|-----------------------------------|-----------|------------------------------|--|
| Omniture events function name | | | A global callback function for logging Omniture events. |
| Media name concatenation rules | | Default should be left null. | A per partner key for special media concatenation rules. |
| Kaltura player events | | | A comma separated list of Kaltura events you want to track. |
| Omniture variables and properties | | | A comma separated list of evars and props you want to pass along with every media event. |
| Kaltura version | | | A comma separated list of Kaltura values to pass along with every media event. |

Kaltura Analytics

| Field | Attribute | Value | Description |
|------------------------|-----------------------|--------------------------|---|
| Track Event Monitor | trackEventMoni tor | kalturaSendAnalyticEvent | Enables you to audit Kaltura events with a named callback function. |
| Playback Context | | | The playback context sent back to Kaltura Analytics. |

Monetization - Configuring the Player Advertising Settings

The Kaltura platform supports VAST 3.0 as well as 3rd party ad plugins to facilitate content monetization.

The following monetization options are available:

- Bumper
- VAST
- DoubleClick
- FreeWheel
- Tremor

☐ To configure the player advertising settings

- 1. Select the Universal Studio tab and then select or create a player.
- 2. Select the Monetization icon.
- **3.** Configure the VAST 3.0 or third party plugin advertising settings.
- 4. Save your changes.

Bumpers

Bumpers are videos that act as ads and do not use an ad server. Bumper videos uploaded to Kaltura can be inserted before or after a video, to function as pre-rolls or post-rolls. Bumper videos are associated with a player, and not associated with a specific video. Bumper videos are independent of actual pre/post-rolls and can be played in addition to ads. Bumper videos are helpful for Kaltura partners that would like to advertise their logo, or other information, before or after a video, and for smaller partners that would like to advertise, but do not need advanced tracking tools that ad servers provide.

| Field | Value | Description |
|---------------------|-------|--|
| Bumper Entry Id | | The Entry Id of the bumper to be played. |
| Click URL | | The URL to open when the user clicks the bumper video |
| Pre Sequence index | | The pre-sequence number for sequencing the bumper before or after ads before content. For example can be set to 0 and set an add pre-sequence index to 1, to have the bumper play then the ad. |
| Post Sequence index | | The post-sequence number for sequencing the bumper after the content. |

VAST

VAST, (Video Ad Serving Template), includes a standard XML-based ad response for in-stream video as well as an XML Schema Definition ("XSD") for developers. It is meant to accommodate the majority of current practices within the online digital video advertising business.

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

VAST Support

Here is a list of some of the largest video ad servers/networks that are VAST-compliant: http://www.iab.net/iab_products_and_industry_services/508676/compliance/679253.

VPAID Support

Kaltura's plugin for VAST supports VPAID ads.

Kaltura player features robust VAST support for prerolls, midrolls, overlays, companions and postrolls.

VAST Configuration Parameters

| Field | Value | Description |
|----------------------------------|-------|--|
| Preroll URL | | The VAST ad tag XML URL for the preroll ad. |
| Preroll(s) amount | | The number of prerolls to be played. |
| Skip offset | | The time in seconds before the skip ad link is active. |
| Skip button label | | Skip button label, for example "Skip Ad" |
| Store session | | Check to enable Store Session parameters, means subsequent visits on other pages retain frequency-capping session. i.e multiple pages on a site with video will respect the video to ad view interval. |
| Number of prerolls to start with | | How many prerolls to start with |
| Preroll interval | | How often to show prerolls |
| VAST pre- sequence index | | Allows for sequencing the vast ad within the pre-sequence. 1 for ads then 2 for a bumper plugin, would result in an ad and then a bumper |
| Postroll URL | | The VAST ad tag XML URL for the postroll ad. |
| Postroll(s) amount | | The number of postrolls to be played. |
| Number of postrolls to start | | How many posttolls to start with |

| Field | Value | Description |
|------------------------------|--|---|
| with | | |
| Postroll interval | | How often to show postrolls |
| VAST post- sequence index | | Allows for sequencing the vast ad within the post-sequence |
| HTML Companions | Companion_300x250:300 :250;Companion_728x90: 728:90; | Configure the size and id's of companion ads. |
| Overlay start time | | Start time in seconds for overlay |
| Overlay interval | | How often should the overlay be displayed |
| Overlay URL | | The VAST xml overlay ad xml. |
| Timeout | | The timeout in seconds for loading an ad from a VAST Ad Server. |

DoubleClick

DoubleClick for Publishers (DFP) Video provides publishers with a platform to increase revenue from video advertising as well as manage costs. Fully integrated with DFP, publishers can manage their entire display advertising through one platform, with video at its core. Learn more about DFP video solutions.

| Field | Value | Description |
|-----------------------|-------|--|
| Ad tag URL | | The DoubleClick DFP VAST ad tag URL (can include multiple nested VAST URLs) |
| Content Id | | The contentId, used by DoubleClick plugin API, generally the entry ID, but can also be custom metadata mapping |
| Publisher Id | | The publisherId, used by DoubleClick plugin API. |
| Custom params | | Custom parameters passed to the DoubleClick adTag URL. Should be listed as URL parameters key=value&key2=value2 pairs. |
| Disable companion ads | | d\Determine if companion ads should be disabled. |
| Video tag sibling ad | | Special flag for HTML5, Set to true for sibling video tag ad loading vs. source swap against a single in-page video tag |
| Post sequence index | | Determine the order DoubleClick should occupy among other post sequence plugins. Set to zero to disable postroll. (This has no effect in the managed ad player.) |

| Field | Value | Description |
|--------------------|-------|--|
| Pre sequence index | | Determine the order DoubleClick should occupy among other pre sequence plugins. Set to zero to disable preroll. (This has no effect in the managed ad player.) |

FreeWheel

FreeWheel gives enterprise-level media companies the infrastructure they need to create scaled, profitable content businesses in the new media landscape. Learn more about FreeWheel offerings. Kaltura supports a full featured FreeWheel ad network integration for both HTML5 and Flash players.

| Field | Value | Description |
|------------------------------|-------|--|
| Ad manager SWF URL | | The FreeWheel ad manager SWF URL. |
| Ad manager JavaScript URL | | The FreeWheel ad manager JavaScript URL. Must be set in uiConf not via flashvar. |
| Ad server URL | | The FreeWheel ad server |
| Network Id | | The network ID property, for retrieving FreeWheel ads |
| Player Profile ID | | The player profile ID for Flash, for identifying the Flash player. |
| Player HTML5 Profile Id | | The player profile ID for HTML5, for identifying the HTML5 player |
| Site section Id | | The site section ID used to segment ad retrieval per site section. |
| Use Kaltura Cue Points | | If Kaltura cuePoints should be used for ad opportunities. |
| Video asset Id | | Asset ID, for FreeWheel ad targeting. |
| Vidoe asset fallback Id | | Fallback asset ID, if the initial asset does not have targeting info. |

Tremor

Tremor Video is a digital video technology company that serves the complementary needs of the media community. Tremor VideoHub Server offers advertisers massive reach and proven engagement with their marketing messages in 100% brand-safe environments, while the Acudeo income engine provides publishers easy access to multiple sources of revenue and the ability to manage and monetize every video impression. See here for more about Tremor

Kaltura supports a full Acudeo ad module integration for both HTML5 and Flash.

| Field | Value | Description |
|----------------------|-------|--|
| Display ad countdown | | If the ad countdown should be displayed. |
| Tremor policy Id | | The Tremor policy ID. |

| Field | Value | Description |
|-----------|---------------------------|--|
| Banner ID | | The banner ID. |
| Timeout | The default is 10 seconds | Time in seconds to load the Tremor ad. |

Plugins

Use the Plugins tab to configure additional plugins.

Playback Rate Selector

To select the video playback rate

- 1. Select the Plugins icon.
- 2. Check the box next to the option and enter the default speed for the player.
- **3.** Enter the set of selectable speeds separated by commas, where 1 = 100% speed.

Restrict User Agent

Use to block the player to specific user agents.



NOTE: Use these settings for the player display only. For general purpose access controls see entry level access controls.

To restrict the User Agent

- 1. Select the Plugins icon.
- 2. Check the box next to the option.
- 3. Enter the Restricted user agents. Enter a comma-separated list of browsers to search for.
- 4. Enter the Restricted user agent title (error title).
- 5. Enter the Restricted user agent message (error message).