Editing Media Using the Video Editor

Use the Kaltura Video Editor to:
- Trim a media Entry
- Clip a media Entry

Video Editor Window Layout

The Video Editor has three main areas:
- Left pane – Displays your media details. The left pane may be minimized by clicking the open/close left pane button.
Right pane – Consists of:
- Media Player - The Kaltura Editor Player defined in the Editor Module by your system administrator.
- Real-Time Input
- Play/Pause/Skip to start/Skip to end Buttons
- Preview button – marked as the eye icon
- Reset icon
- Zoom marker

Bottom pane – Includes the Timeline. The Timeline can be zoomed in/out to allow improved granulation of the time line, and fine-tuning, and give a broader perspective when zoomed out.

To zoom in/out and reset the Timeline

- Drag the Zoom marker to the level of granularity you want to see. This naturally will increase the length of the visible Timeline, since more frames will be viewable.
- Click the Reset Icon – to reset the Timeline to its last saved state.

Setting a Range

To trim media or to create a clip, you must first define the range you want to keep or make a clip from.
You can set the range in one of the following ways:
- Drag the handlebars of the start or end points with your mouse to set the range.
- Enter a start time or end time in the Real-Time Input field, and press Enter. The Real-Time
Editing Media Using the Video Editor

marker will position itself on the timeline at the manually set time. You can then drag either handlebar on the Timeline edge to snap it to the Real-Time marker.

- Click anywhere on the Timeline, the real-time marker will position itself there. Drag either Timeline edge to snap it to the real-time marker.
- Play the media, and pause on desired time. the real-time marker will position itself at that time. Drag either Timeline handlebar to snap it to the real-time marker.

When arrows are displayed on the real-time marker- you can move the real-time marker on the timeline to a different position, either backwards or forwards.

**NOTE:** You cannot trim or clip any segment under 2 seconds.

### Trimming a Media Item

Use the trimming tool to trim the start and/or end of your media. Trimming is only available to entitled users.

**NOTE:** Trimming media will modify the source media permanently. Create a clip to trim a copy and preserve the original media in Kaltura. See Clipping a Media Entry.

#### To trim media

1. Set the Range. Use any of the methods listed in Setting a Range.
2. Click Save to create a new media item.

### Sample Use Case

Let say you would like to trim off the first minute and last 30 seconds of the video.

1. Go to My Media and select the video you want to trim or create a clip from.
2. Launch the Kaltura Editor. See Launching Kaltura Video Editing Tools.
3. In this example, the desired start time will be one minute. Drag the handlebar to the 1:00 point on the video. You can also select to input the 1:00 time manually.
The manual input time syncs with Real-Time maker you set.

4. The handlebar should snap to the real-time marker. Drag the other end to the time mark 30 seconds less prior to the end and use the manual time input as a guide to the exact time. You have now created the desired segment of the original video.

5. (Optional) If you want to change the segment of the selected trimmed media to another segment on the timeline, click on the thumbnail that you created and drag it to the desired frame on the Timeline.
The trimmed segment that you created for 1 minute is now on a different part of your media.

6. Click Save. The following window is displayed:
Save

You are about to override \textit{Aqua Life - The Ocean and Beyond} permanently. Your changes will affect captions and cue points as well. This process may take a while.

Are you sure you want to continue?

\textbf{7.} Click Save. A progress bar is displayed.

\textbf{8.} Go to My Media to affirm that the clip has been created in My Media.

\textbf{Clipping a Media Entry}

\textbf{NOTE:} Only the owner or co-editor of a media entry can create clips from media.
Editing Media Using the Video Editor

For entitlements for clipping, the option Enable others to create clips must be checked in the KMS /KAF Options tab. See the Kaltura MediaSpace Setup Guide for additional information.

The real-time marker is always in sync with Manual Time Input (below the player).

Editor

To create a clip

1. Set the Range. Use any of the methods listed in Setting a Range.
2. Click Save a Copy (clip) to create a clip. Saving a copy creates a copy and the original media is unchanged.

Sample Use Case

Let say you would like to create a one-minute clip.

1. Go to My Media and select the video you want to trim or create a clip from.
2. Launch the Kaltura Editor. See Launching Kaltura Video Editing Tools.
3. In this example, the desired start time for the one-minute clip is at minute 3.00. Enter 0300 in the Time field and press Enter.

\[\text{mm:ss} / 04:59\]
The real-time maker syncs with the input time you entered.

4. Drag the handle bar to the start of the clip at (the 3.00 minute). The handlebar should snap to the real-time marker. Drag the other end to the one-minute time mark. You have now created a one-minute clip of the original video.
5. (Optional) If you want to change the segment of the one-minute clip to another (one minute) segment on the timeline, click on the thumbnail you created and drag it to the desired frame on the Timeline.

6. Click Save a Copy. The following window is displayed:
7. Enter a title. You can either use the suggestion title (indicating that this video is a clip) or create a new title. A confirmation box is displayed, and the new media appears in My Media.

Create a Copy of the Media

Your media, Aqua Life and Beyond, has been saved in My Media

Cancel  OK

8. Go to My Media to affirm that the clip has been created in My Media.

My Media

Clipping and Trimming Content with Multiple Streams or Multiple Audio Tracks

Clipping and trimming is performed on all the streams or audio tracks that may exist in the entry, simultaneously. The timeline may be used as a visual aid to help you determine what segment of the media you want to create a clip for, or where to trim your media. The Timeline features allow you to edit media with more precision to ensure that your clipping or trimming actions are in line with what you want as your result.

The Video Editor includes the following two icons that allow you to select the content that is displayed on the Timeline:

- Content Selector for Timeline – allows you to view the selected stream on your timeline.
- Audio Track Selector for Timeline – allows you to view each audio track associated with the entry, either individually or overlaid.

**NOTE:** The Kaltura Player is independent of the Kaltura Video Editing Tool Timeline.
Clipping and Trimming Media with Multiple Video Streams

When the editor displays content with multi-streams, the Timeline is loaded with the primary stream. If you change the display on the player, it has no effect on the Timeline.

To select the segment for multi-stream content

1. In KMS or KAF select an entry. Click Actions > Launch Editor. The Kaltura Video Editing Tool screen is displayed.
2. Select the Edit Tab and click the Content Selection icon to view the stream(s) in the Timeline. The timeline will display the stream you selected and allow you to view where you will be clipping or trimming the media simultaneously for each stream. The following screen shows the first stream selected on the timeline at minute 00:10.
The following screen shows the third stream selected on the timeline at minute 00:10.

3. Use the handlebars at both ends to move to the point in the segment where you want to trim or clip the content.
The clip duration is shown is the timeline. In this example it is 10 seconds.

4. Click on the segment in the Timeline to see actual time in the video.

5. Use the zoom scroll to enlarge and assist you with the display granularity. You can extend or decrease the segment to points that you want using the handlebars.

For example, in a lecture, you may want to cut out the first 10 minutes, since the lecture did not start on time. Or, for example, you may be at a sport event and just want to have the portion of the video focused on where the action was.

6. Click the Preview icon to preview your clip or trimmed media.

A preview of the segment is displayed.
7. Click Esc to exit Preview mode.
8. When satisfied with your choice of the segment, click Save or Save a Copy.
   The following screen is displayed to create a clip (Save a copy):

   Create a Copy of the Media

   Clip of Multi Video - 2018 Jan 10 06:26:11 - Quiz

   a. Enter the new name for the clip or use the default name and click Create.
   The following screen is displayed when trimming content (Save):
Clipping and Trimming Media with Multiple Audio Tracks

Audio levels are displayed as a visual indication about where to trim or clip the entry, for example, silent moments or the middle of a sentence.

NOTE: Configuring your account to enable multiple audio tracks requires Professional Services setup. Please contact your CSM for assistance to set up multiple audio tracks.

To select the segment for media with multiple audio tracks

1. In KMS or KAF, select an entry. Click Actions > Launch Editor. The Kaltura Video Editing Tool screen is displayed.
2. Select the Edit Tab and click the Audio icon to view the available audio tracks for the selected entry as well as an Hide Audio option to hide the audio tracks. All audio tracks for the entry are shown by default. Audio levels are represented in the timeline for the primary entry.
3. Select the audio tracks you want to display on the timeline. The maximum number of audio tracks for an entry is 8.
   The timeline displays the entry you selected with the audio tracks overlaid (color coded) and allows you to view where to create a segment based on changes in the audio tracks.

4. You can toggle between audio tracks by selecting different tracks to display on the timeline.
   For example, you may want to create a clip, or trim the video where all languages concur at silent moment at the same time. Creating a clip or trimming the video at that point, would avoid cutting off the clip or trimmed video in the middle of a sentence.

5. Use the zoom slider to increase the visual granularity.
   The following screen shows a dip in both audio tracks selected (default and Italian).
6. Use the handlebars at both ends to move to the point in the segment where you want to trim or clip the content.

7. Click the Preview icon to preview your clip or trimmed media.

8. Click Esc to exit Preview mode.

9. When satisfied with your choice of the segment, click Save or Save a Copy.
   The following screen is displayed to create a clip (Save a copy):
a. Enter a name for the clip or use the default name and click Create. The following screen is displayed when trimming content (Save):

b. Click Save. The new media is created and uploaded to your media in MediaSpace or your KAF application.