

# Ingest live captions (encoder-based)

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 This article is designated for all users.

## About

Kaltura supports live captions that are embedded in the incoming stream from your encoder (also called ingested captions).

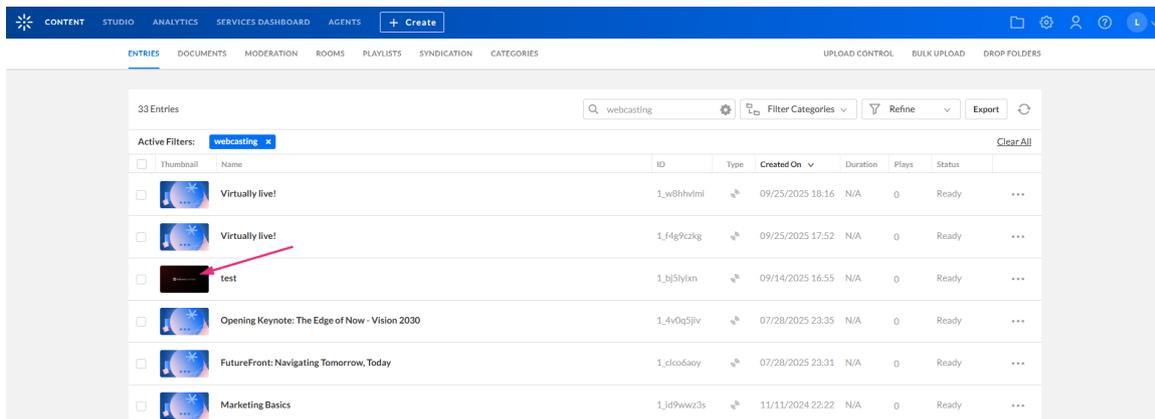
This setup is configured in Rich Media CMS and supports the following standards:

- **CEA/EIA-608**
- **CEA/EIA-708**

Don't combine REACH captions with ingested captions. If both are used, the ingested captions are removed.

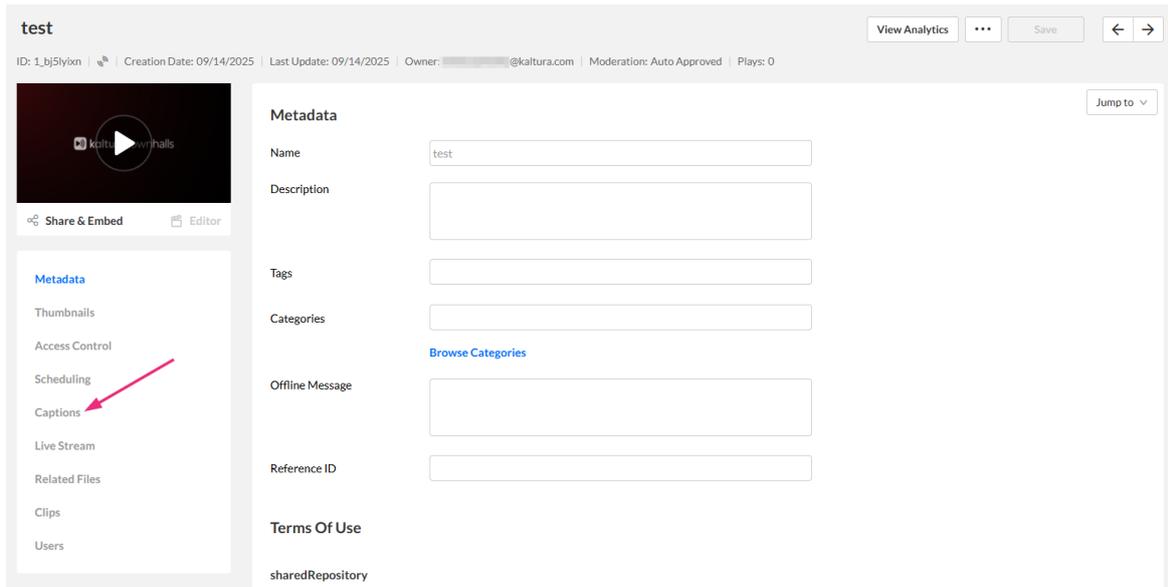
## Access the captions tab

1. Log into your Rich Media CMS.  
The **Entries** page displays.
2. Locate the webcasting entry and click on its thumbnail.

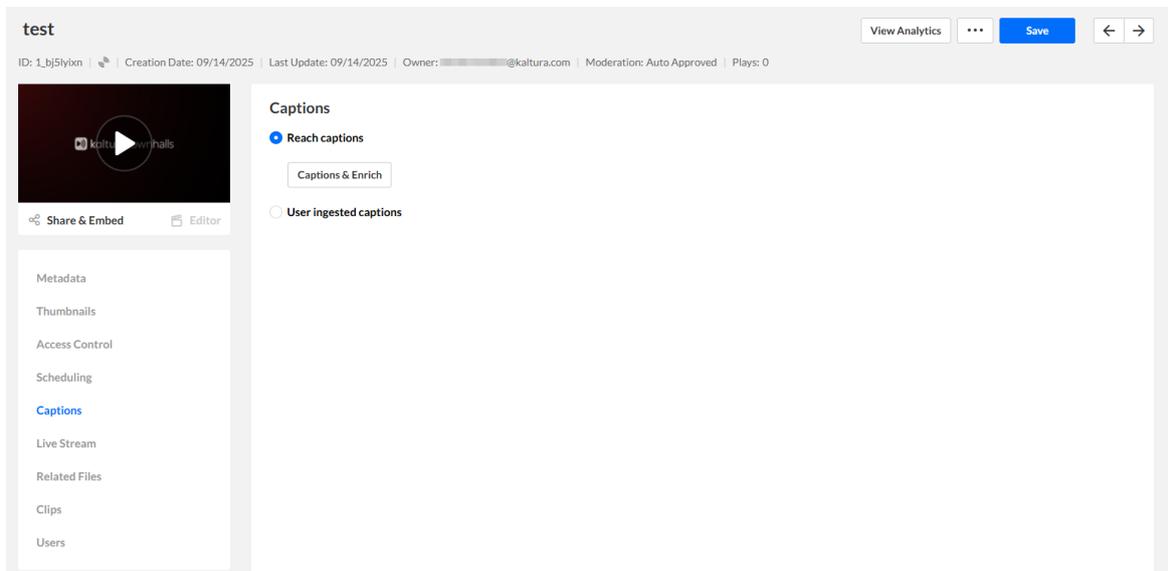


The entry details page displays.

3. Click the **Captions** tab.

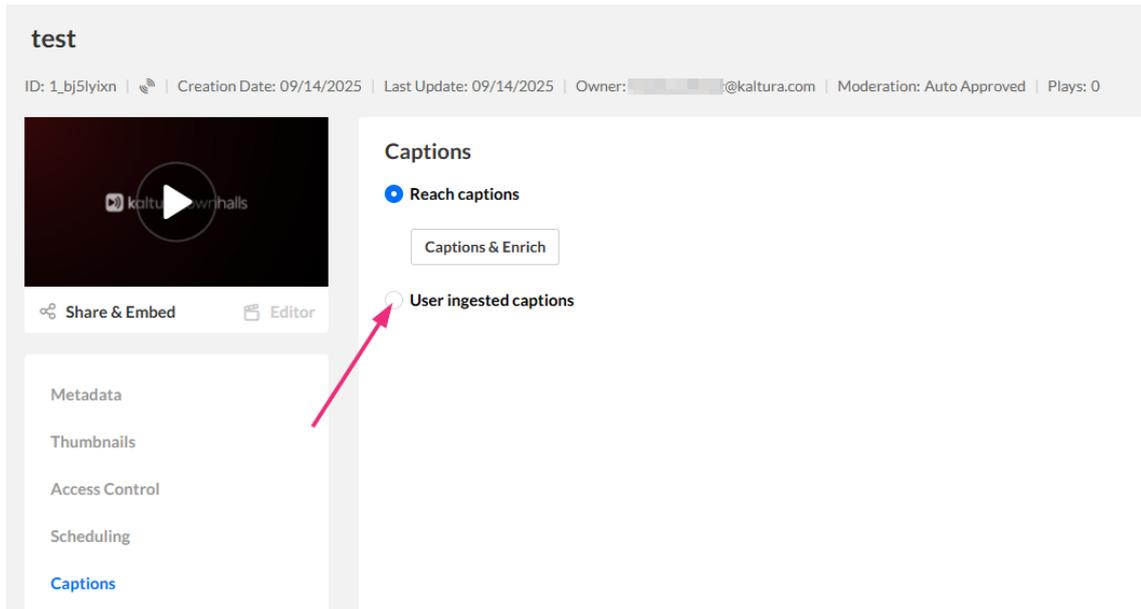


The 'Captions' page displays.

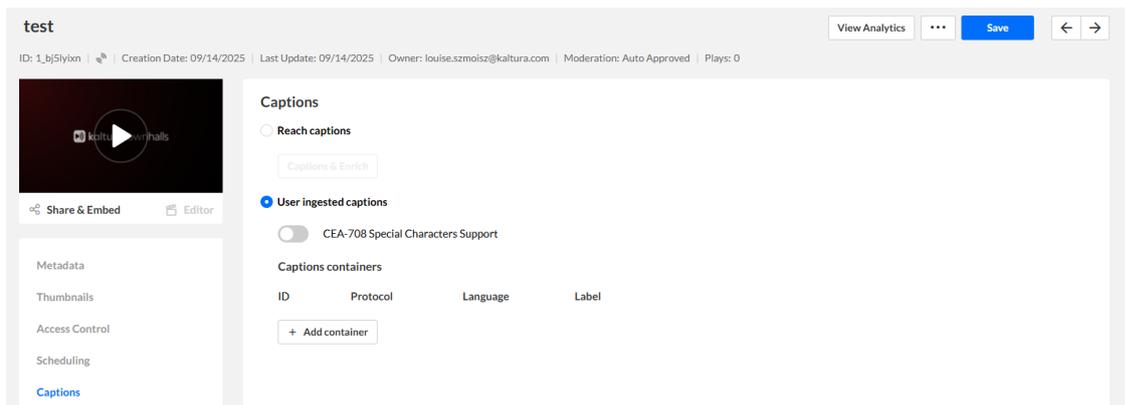


## Configure ingested captions

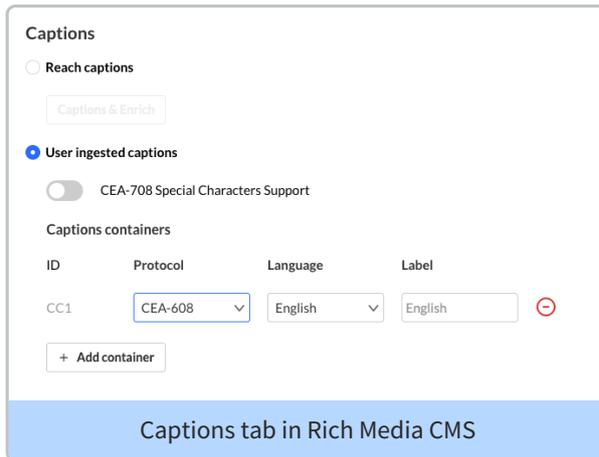
1. Click **User ingested captions**.



Additional fields display.



2. If using special characters, toggle on **CEA-708**.
3. For each track:
  - o Select **CEA-608** or **CEA-708** protocol.
  - o Choose a language.
  - o (Optional) Enter a track label.
4. Remove unnecessary tracks using the red 'minus' button



5. Click **Save**.

## Configure your encoder

Make sure your encoder sends caption tracks that match your Rich Media CMS configuration, and annotate each track with the correct language so it appears correctly in the player's captions selector.

Live captions using `onTextData` or `onCaptionData` aren't supported.

## Display embedded captions in the live player

For **Asian language character sets** with CEA/EIA-708 captions, set the `extract_closed_captions_feature` admin tag.



This tag does not support backup stream captions, and should not be used with Reach captions.

## Set up captions for recordings

To display captions correctly in session recordings, use the correct **container IDs**:

- **CEA/EIA-608**: CC1 to CC4 (use CAPITAL letters for container ids)

### Examples

- `id=CC1 language=eng label=english type=closedCaptions`
- `id=CC2 language=ger label=german type=closedCaptions`

- **CEA/EIA-708**: SERVICE1 to SERVICE63 (use CAPITAL letters for container ids)

### Examples

- `id=SERVICE1 language=jpn label=japanese type=closedCaptions`
  - `id=SERVICE2 language=chi label=chinese type=closedCaptions`
- You can use **both CC (608) and SERVICE (708)** containers in the same session as long as each has a unique container ID.

### Examples

- `id=CC1 language=eng label=english type=closedCaptions`
- `id=CC2 language=ger label=german type=closedCaptions`
- `id=SERVICE3 language=jpn label=japanese type=closedCaptions`
- `id=SERVICE4 language=chi label=chinese type=closedCaptions`

See [Kaltura VPaaS API Documentation](#) for further details about Kaltura's API.

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