How is content uploaded through the Kaltura API?

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This article is designated for administrators.

About

There are three ways to upload content using the Kaltura API:

- Single Upload – Upload one file at a time.
- Bulk Upload – Upload multiple files using XML or CSV.
- Drop Folders – Automate uploads by placing files in a designated folder.

This guide walks you through the Single Upload process.

Single upload

Step 1: Create a Kaltura Session (KS)

Before uploading, you need a Kaltura Session (KS) to authenticate your API calls. See our article How to create a Kaltura session for guidance.

Step 2: Create a media entry

Call the `media->add` API method to create a new media entry.

This returns an entry ID, which you'll need in the next steps.

Step 3: Generate an upload token

Call `uploadToken->add` to create an upload token.

This returns a **token ID**, which links your uploaded file to the media entry.

Step 4: Upload the file

Use `uploadToken->upload` to upload your file to Kaltura.

Step 5: Attach the file to the media entry

Call `media->addContent`, passing both the **entry ID** and **token ID** to associate the uploaded file with your media entry. Use **KalturaUploadedFileTokenResource** as the resource type in this request.

Alternative upload methods

Bulk upload: Use an XML or CSV file to upload multiple files at once. See our article What is bulk upload and FTP content ingestion? for more information.

Drop folders: Set up an automated folder where files are processed and uploaded. See our article Drop folders service for content ingestion for more information.