Integrating Videos into Blackboard Using Kaltura

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Scenario 1

- **Faculty:** I am trying to add a video to my Blackboard course, but it would not let me.

- **Reason**: the video file could be more than 100 M.

- **Solution**: upload the video to Kaltura and then link it to Blackboard.
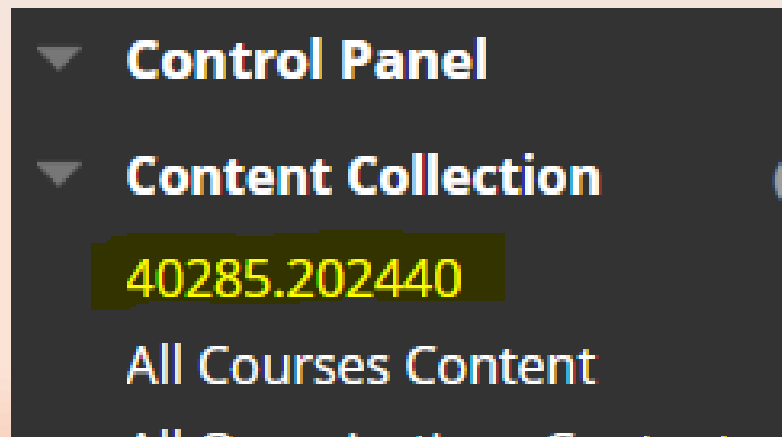
Scenario 2

- **Faculty**: I am trying to add a PowerPoint file less than 100 M to Blackboard, it would not let me.

- **Reason**: there are large files (e.g. videos) on Blackboard and the total file size is near 2G in your Blackboard course.

- **Suggestion**: move the video files out of Blackboard to Kaltura and leave room for PowerPoint files.

Deleting Video Files on Blackboard

- Deleting video files on Blackboard
- Control Panel>Content Collection>CRN.TermCode

Adding Videos to Kaltura and Link them to Blackboard

- Recommendations: upload video files to Kaltura and then link them to your Blackboard course.
  - On Blackboard, you are allowed to upload a maximum size of 100 M file.
  - You are allowed to have a maximum of 2G files on a Blackboard course.
  - A Blackboard course with large file size prevents you from copying content to another course.

Kaltura Media Management Application

- Kaltura is a cloud-based media (video/audio) management application integrated with Blackboard.

- It allows users to record, upload, and share media directly from their Blackboard course sites.
  - A YouTube-like space to upload, store, and share media files - videos or audios.
    - Keep videos and share the videos in Blackboard
    - Using Kaltura Personal Capture to record videos, upload the videos to Kaltura and share them with students in Blackboard.

- There is no limit on the number of videos you can upload to Kaltura. However, for each individual video you upload, the file size needs to be less than 1.5 G.

Kaltura – Media Files

- The following media files can be uploaded to Kaltura
  - 3gp -- Multimedia Mobile Format
  - asf -- Microsoft Media
  - avi -- Audio Video Interleave
  - flv -- Flash Video/Audio
  - mov -- Apple Quicktime
  - mp3/mpeg3 -- Moving Picture Experts Program Audio Layer 3
  - mp4 -- Digital Video Format
  - mpg -- Digital Media Format
  - qt -- Apple Quicktime (old format)
  - rm -- Real Media
  - wav -- Waveform Audio File Format
  - wma -- Windows Media Audio
  - wmv -- Windows Media Video

Kaltura – Upload Existing Videos

on Blackboard Institution Page

- Click on Tools.
- Click on Kaltura My Media
- Click on Add New.
- Click on Media Upload
- Click on Choose a File to Upload.*
  - *If your video is on your cell phone, you will connect the phone to your computer and navigate to the folder of your phone to look for the file.
- Locate the video file on your computer.
- Double-click on the video file.
- Click on Save.
- Click on **Go to Media** back to the **My Media** page.

Add Kaltura Videos to Blackboard

- After the video is uploaded to Kaltura, the video can be linked to Blackboard
  - In the Course Content Area or a Content Folder
    - Go to Build Content and click and select Kaltura Media under the Mashups. You will see the list of videos uploaded to Kaltura.
      - Click on the Embed button next to the video you would like to add.
      - Give a title for the video and write a brief description.
      - You may choose a release date.
      - Click on Submit.

Adding the Video link to an Announcement

- Content Editor
    - Announcement
        - Create a New Announcement or Edit an existing Announcement.
            - Click on the "+" icon on the Content Editor of the new announcement and select Kaltura Media.
            - Click on the Embed next to the video you would like to add.
            - You may resize the video display by dragging the corner in-ward or out-ward of the video window.
            - Click on Submit.

Adding the Video Link to Content Editor

- The Content Editor/Text Editor is used in many tools on Blackboard: assignment, discussion, Tests, assignment feedback, comment, etc. You will use the "+" on the Content Editor/Text Editor of a tool to add a video.
  - Assignments or Discussion Forums
    - Description box
    - Discussion post
    - Assignment submission
  - Tests
    - Description box
    - Questions
  - Feedback in an Assignment submission or a discussion post. ("+" to open up the Content Editor).

Edit a Video

- You can edit out a segment of the video or add a fade in or fade out effect on the video.
    - Click on the Video title.
    - Under Actions, click on Launch Editor.
    - If you would like to "edit out" a sentence or a phrase, navigate to the beginning point of the sentence. Click on the Cut icon.
    - Navigate to the ending point of the sentence. Click on Cut icon.
    - Select the video segment you would like to delete and click on the "delete" key on the keyboard.
- Adding a fade in/out.
    - Select the beginning point of the video, click on the Fade icon and type in the time you would like the video to fade in. Select the ending point of the video, enter the time you would like to fade out.
- Click "Save a Copy" and give a different name from the original video. Click on Ok. You will wait for a few minutes until the edited video is ready for you.

Add Mechanical Fidelity Captions to Your Kaltura Video

- Mechanical Fidelity Caption/Automated Speech Recognition (ASR) – automatically generated captions based on speech recognition
  - Students can search for keywords or phrases based on the video captions – students will see the video where the words or phrases are used.
  - Making the video accessible to all students
- At Blackboard My Institution page, click on Kaltura My Media>My Media.
- Click on the title of the video you would like to generate captions.
- Click on the ACTIONS and then select +Caption & Enrich.
- Confirm by clicking on Submit.
- It will take a few minutes for a short video to complete the ASR process.
- In Caption Request page, wait until you see Status saying "Complete". (5 minutes video takes about an hour)

Review and Edit Captions

- When the cations are done, you may review and edit.
  - From My Media page, click on the title of the video. Go to ACTIONS and select Caption & Enrich.
  - Under Status, when it shows "complete", click on the Edit icon – pencil icon.
  - Click on the text where you need to edit. Make the necessary changes and click on Save. – Save is to save what you have changed in the Caption Editor.
  - After you have made the edit for the entire video, click on Back – at the upper right corner of the screen.

More with Kaltura

- Kaltura Tutorials
    - https://www.youtube.com/playlist?list=PLmAFsK4a4rSbNVvNcOuomJoWT0NTy08kN