



How to add a video with captions

Yoel Kortick
Senior Librarian

EX LIBRIS
Knowledge Days

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How to add a video with captions

- In this presentation we will show how to add a video with captions as an Alma Digital Object.
- The functionality of adding and then viewing the video with captions exists for both the Alma Viewer and the Universal Viewer.
- See also on YouTube [Adding Closed Captions and Subtitles for Videos in Alma Digital](#)

How to add a video with captions

- We have a sample MP4 file which we have called “The earth spinning.mp4”.
- The URL from which we got this file is [https://file-examples.com/storage/fe137d1f80640cf1e98d9f6/2017/04/file-example MP4 1920 18MG.mp4](https://file-examples.com/storage/fe137d1f80640cf1e98d9f6/2017/04/file-example-MP4-1920-18MG.mp4)
- It is an 18MB file which was taken from the website <https://file-examples.com/> at https://file-examples.com/index.php/sample-video-files/sample-mp4-files/#google_vignette
- The corresponding vtt file we made ourselves.

How to add a video with captions

- Here is the text of the vtt file

```
WEBVTT

00:00:00.500 --> 00:00:03.500
Now we see the earth spinning

00:00:04.000 --> 00:00:09.500
We can see now the Nile River Basin and Israel, and area especially lit compared to the
surroundings.

00:00:12.000 --> 00:00:17.500
Now we can see the lights of the United States. There appears to be the most lights on the east
coast.

00:00:20.000 --> 00:00:24.500
The Pacific Ocean looks dark.

00:00:25.000 --> 00:00:29.500
And here comes parts of Asia, very well lit.
```

How to add a video with captions

- Here is our bibliographic record

The earth spinning (99491287600121)

Level [99]: [99] Senior librarian and close associates Record 02

LDR	00350ngm#a2200121lc#4500
001	99491287600121
005	20230313142758.0
008	190626p2022#####nyu022#####o###v eng#d
245 0 4	\$\$a The earth spinning
336	\$\$a two-dimensional moving image \$\$b tdi \$\$2 rdacontent
337	\$\$a computer \$\$b c \$\$2 rdamedia
338	\$\$a online resource \$\$b cr \$\$2 rdacarrier
347	\$\$a video file \$\$2 rda

How to add a video with captions

- We have created a digital representation and added the mp4 file.

File Details ▼

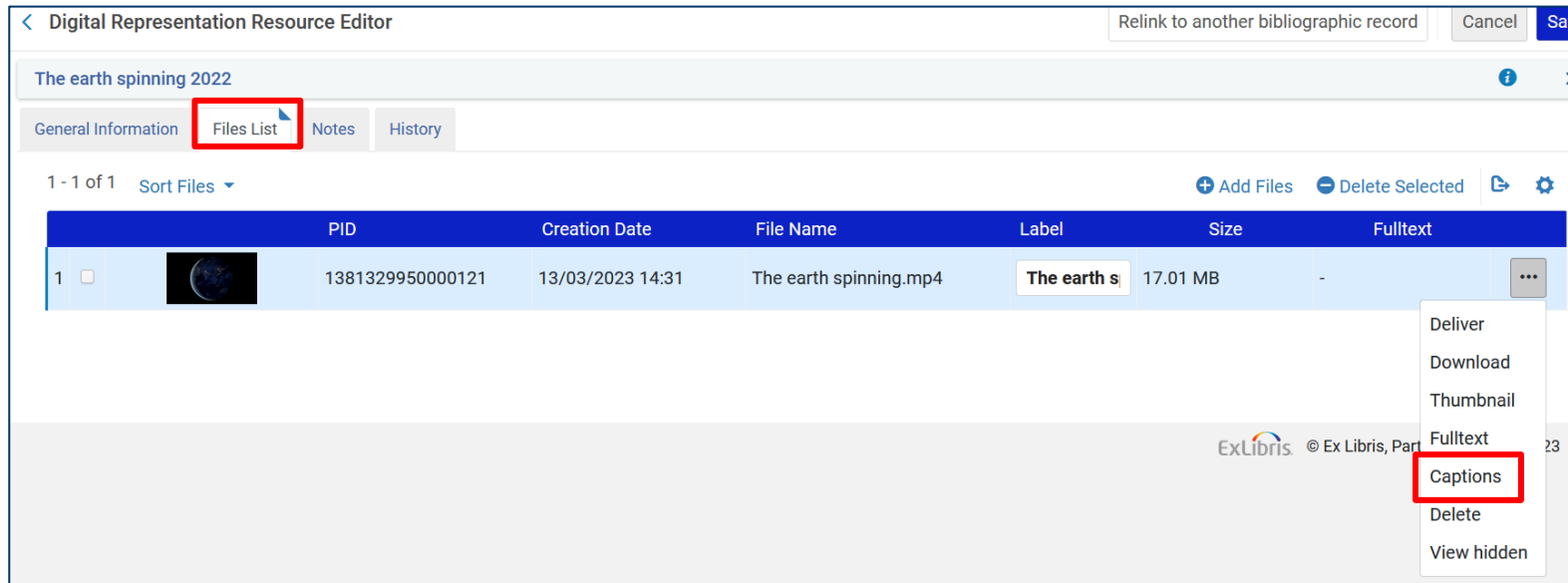
Folder EXLDEV1_INST/upload/add_rep/ i

Upload

File Name	Label	Size	Status	
The earth spinning.mp4	<input type="text" value="The earth spinning"/>	17.01 MB	Uploaded	<input type="button" value="Delete"/>

How to add a video with captions

- From the “Files List” tab of the “Digital Representation Resource Editor” we can add captions to the movie file.

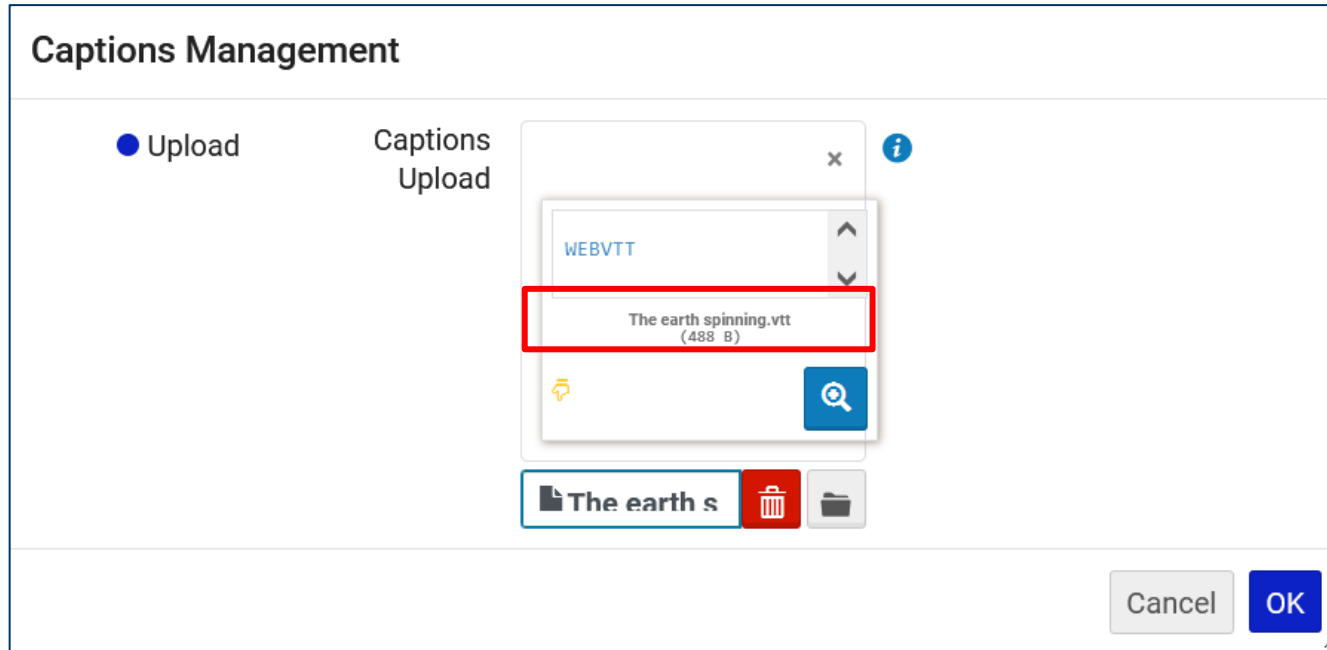


The screenshot shows the "Digital Representation Resource Editor" interface. The title bar reads "Digital Representation Resource Editor" and includes buttons for "Relink to another bibliographic record", "Cancel", and "Save". The main content area is titled "The earth spinning 2022" and has tabs for "General Information", "Files List" (highlighted with a red box), "Notes", and "History". Below the tabs, there is a "1 - 1 of 1" indicator and a "Sort Files" dropdown. A table lists the files with columns: PID, Creation Date, File Name, Label, Size, and Fulltext. The table contains one row for a video file. A context menu is open over the file, listing options: Deliver, Download, Thumbnail, Fulltext, Captions (highlighted with a red box), Delete, and View hidden.

	PID	Creation Date	File Name	Label	Size	Fulltext
1	1381329950000121	13/03/2023 14:31	The earth spinning.mp4	The earth s	17.01 MB	-

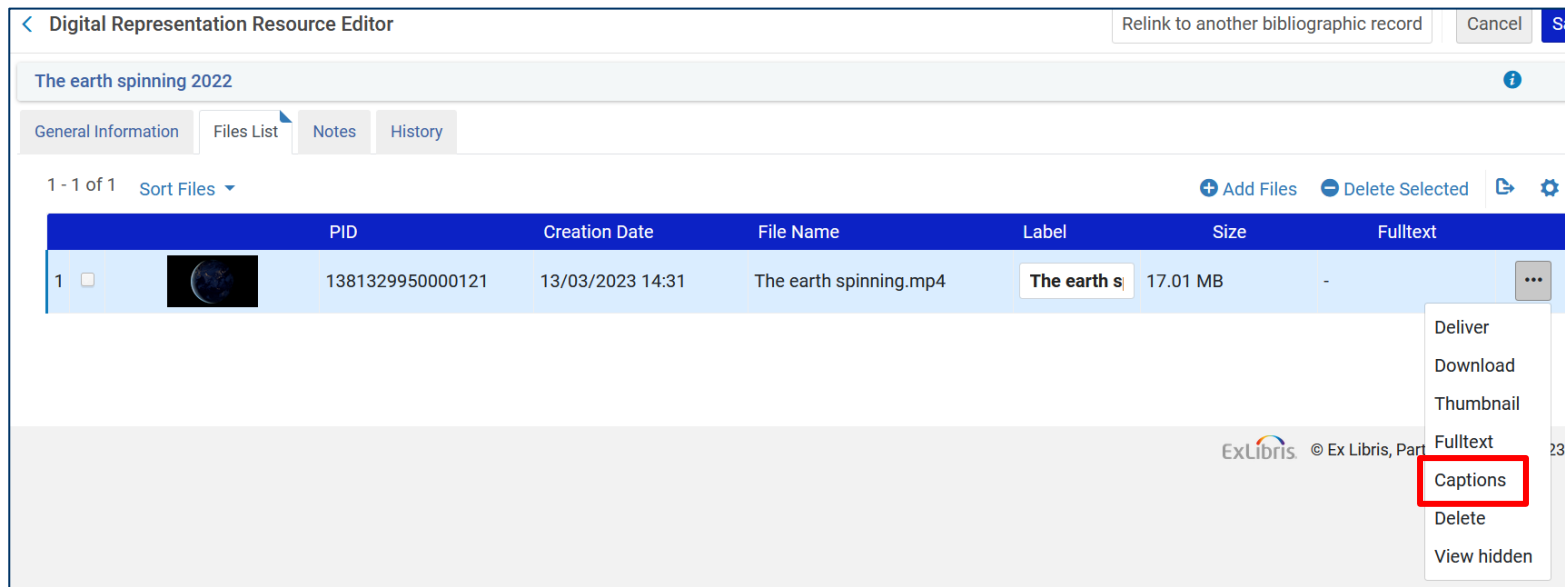
How to add a video with captions

- After clicking “Captions” we can upload the vtt file



How to add a video with captions

- The vtt file has been uploaded and now we will again click “captions”



The screenshot shows the 'Digital Representation Resource Editor' interface. The title bar reads 'Digital Representation Resource Editor' and includes buttons for 'Relink to another bibliographic record', 'Cancel', and 'Save'. The main content area is titled 'The earth spinning 2022' and has tabs for 'General Information', 'Files List', 'Notes', and 'History'. Below the tabs, there is a file list with columns: PID, Creation Date, File Name, Label, Size, and Fulltext. The first row shows a file with PID 1381329950000121, Creation Date 13/03/2023 14:31, File Name 'The earth spinning.mp4', Label 'The earth s', and Size 17.01 MB. A context menu is open over the file, listing options: Deliver, Download, Thumbnail, Fulltext, Captions (highlighted with a red box), Delete, and View hidden.



	PID	Creation Date	File Name	Label	Size	Fulltext
1	1381329950000121	13/03/2023 14:31	The earth spinning.mp4	The earth s	17.01 MB	-

How to add a video with captions

- We can see now that there already is a vtt file associated with the movie because there is a link “Download Existing”.
- We can also delete the current vtt file or upload a new one.

Captions Management

[Download existing](#)

Upload Captions Upload  

Delete

How to add a video with captions

- Now we will access the Universal Viewer definitions via “Configuration > Fulfillment > Discovery Interface Display logic > View Services”.
- Then we will switch to the “Service Availability Rules” and make sure that there is a rule which states that the Universal Viewer can be used for mp4 files.

The screenshot displays the configuration interface for the Universal Viewer. At the top, a breadcrumb trail shows 'Configuration > Fulfillment > Discovery Interface Display logic > View Services'. Below this, there are two tabs: 'Service Details' and 'Service Availability Rules', with the latter being selected. The main area is titled 'Rules List' and contains a table of rules. A filter dropdown is set to 'All'. The table has columns for 'Enabled', 'Move Up', 'Move Down', 'Rule Name', 'Description', 'Updated By', and 'Update Date'. One rule is listed with the name 'File contains .mp4 true', which is highlighted with a red box. The 'Enabled' checkbox for this rule is checked. The 'Updated By' field shows 'Alicia Chen' and the 'Update Date' is '13/03/2023'. There are also 'Add Rule', 'Share', and 'Settings' icons in the top right of the rules list area.

Enabled	Move Up	Move Down	Rule Name	Description	Updated By	Update Date
<input checked="" type="checkbox"/>		▾	File contains .mp4 true	-	Alicia Chen	13/03/2023

How to add a video with captions

- Here is the rule

Edit rule ▼



Name* **File contains .mp4 true**


Description

Created By - Created On **13/03/2023**

Updated By - Updated On **13/03/2023**


Input Parameters ▼

[+ Add Parameter](#) ▼  

Name	Operator	Value	
1 Representation's Files	Contains	.mp4	

Output Parameters ▼

Display* **True** ▼



How to add a video with captions

- Now we will access the Alma Viewer definitions via “Configuration > Fulfillment > Discovery Interface Display logic > View Services”.
- Then we will switch to the “Service Availability Rules” and make sure that there is a rule which states that the Alma Viewer can be used for mp4 files.

The screenshot shows the Alma Viewer configuration interface. The top navigation bar includes 'Alma viewer' (highlighted in red), 'Service Details', 'Service Availability Rules' (highlighted in red), and 'Customization'. Below the navigation bar is the 'Rules List' section. A filter dropdown is set to 'All'. The table below shows a single rule:

Enabled	Move Up	Move Down	Rule Name	Description	Updated By	Update Date	
<input checked="" type="checkbox"/>		▼	File contains .mp4 true	-	Alicia Chen	10/04/2023	⋮

How to add a video with captions

- Here is the rule

Edit rule

Name* **File contains .mp4 true**

Description

Created By **Alicia Chen** Created On **10/04/2023**

Updated By **Alicia Chen** Updated On **10/04/2023**

Input Parameters

+ Add Parameter

Name	Operator	Value
1 Representation's Files	Contains	.mp4

Output Parameters

Display* **True**

How to add a video with captions

- A user has found the record in Primo and clicks “Universal Viewer”

Digital Version(s) Availability
Showing 2 of 2 results

Universal Viewer	←
1 file/s (mp4, 17.01 MB)	
Alma viewer	
1 file/s (mp4, 17.01 MB)	

Details

Title	The earth spinning
-------	--------------------

How to add a video with captions

- We see the movie and the captions according to the definitions in the vtt file

The earth spinning



Now we see the earth spinning



MORE INFORMATION

How to add a video with captions

- The captions change according to the definitions in the vtt file

The earth spinning



We can see now the Nile River Basin and Israel, and area especially lit compared to the surroundings.

How to add a video with captions

- More changes to the captions

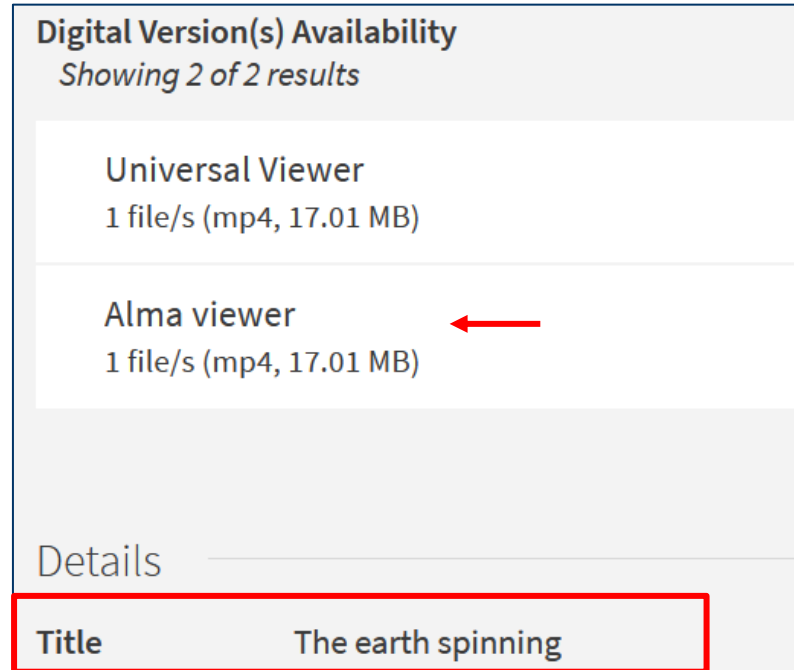
The earth spinning



Now we can see the lights of the United States. There appears to be the most lights on the east coast.

How to add a video with captions

- A user has found the record in Primo and clicks “Alma Viewer”



The screenshot shows a section titled "Digital Version(s) Availability" with the subtitle "Showing 2 of 2 results". It contains two entries: "Universal Viewer" and "Alma viewer". A red arrow points to the "Alma viewer" entry. Below the list is a "Details" section with a table containing one row: "Title" and "The earth spinning". A red box highlights the "Title" and "The earth spinning" text in the table.

Digital Version(s) Availability	
<i>Showing 2 of 2 results</i>	
Universal Viewer	1 file/s (mp4, 17.01 MB)
Alma viewer	1 file/s (mp4, 17.01 MB)


Details

Title	The earth spinning
-------	--------------------

How to add a video with captions

- We see the movie and the captions according to the definitions in the vtt file

The earth spinning / The earth spinning



Title:
The earth spinning

Material Type:
Visual material

Date of Publication:
2022

Short Title:
The earth spinning


Collection Path:
[HOME](#) / [COLLECTIONS](#) / Miscellaneous Digital Items /

We can see now the Nile River Basin and Israel, and area especially lit compared to the surroundings.

How to add a video with captions

- The captions change according to the definitions in the vtt file

The earth spinning / The earth spinning



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Now we can see the lights of the United States. There appears to be the most lights on the east coast.



Thank you!

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