

Making Your AV Accessible: Results of a Pilot Captioning Project

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The MIT Libraries logo is positioned in the bottom left corner. It consists of the text "MIT" stacked above "Libraries" in a bold, black, sans-serif font. The background of the slide features a network of thin, light-colored lines (blue, green, and yellow) that form a complex, abstract geometric pattern across the bottom half of the page.

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Project Goals

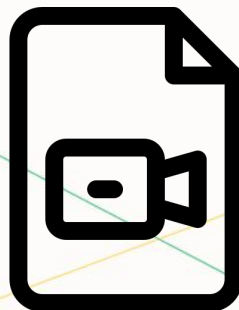
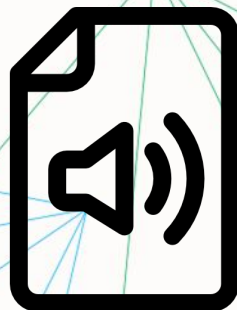
- Comply with [MIT-NAD agreement](#)
- Provide equitable access to all AV (not just MIT content)

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Selecting Files

- Chose 3 audio and 3 video files
- 1 video of really bad quality



Selecting Vendors

Considerations

- Quality
- Cost & turnaround time
- Payment terms

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 **3PLAYMEDIA**

 **@ rev**



Sending Files

MIT - Libraries Tech Services

My Files

View: Active Files Show Only Undownloaded

FILTERS 8 Results

- SERVICES
 - Transcription and Captioning
 - Automated Caption Placement
- SERVICE STATUSES
- LANGUAGES
- FOLDERS [Manage](#)
- TAGS [Add Tag](#)
- LINKED ACCOUNTS

Name and Service Type(s)	Flags	Tags	File ID	Duration
39080030923814CaptionPlacement Transcription and Captioning Automated Caption Placement	1		10112146	00:59:21
39080030923814 Transcription and Captioning	1		9847620	00:59:21
02-000125589 Transcription and Captioning	1		9845678	01:37:46
ref8_zx3_002 Transcription and Captioning	1		9845671	00:30:21
ref8_zx3_001 Transcription and Captioning	1		9845670	00:22:37
ref750_0pl Transcription and Captioning	1		9829277	00:40:04
39080024063908_tof2 Transcription and Captioning	1		9829276	00:30:56
39080024062389_tof1 Transcription and Captioning	1		9829275	00:32:24

OII

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Massachusetts In...

- Home
- My Conversations
- Shared with Me
- More

CHANNELS

- AC-0167
- AC-0533
- GC11_T8
- MC-0100

AC-0167

Q Search

AC-0167

Paste meeting URL to record [Record](#) [Import](#)

Conversation

ref8_zx3_001

Mar 15, 2023 - 12:20 PM 22:37

ref8_zx3_002

Mar 15, 2023 - 12:20 PM 30:22 109

Reviewing Results

How do these services measure up?



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The bottom of the slide features an abstract graphic of thin, overlapping lines in light blue, light green, and light yellow. These lines form a complex web of triangles and polygons, creating a sense of interconnectedness and movement. The lines are thin and delicate, set against a plain white background.

Review Process

- Each team member used the captioning services' user interface to review the captions produced for accuracy of speaker identification, words, spelling, grammar, and flow
- Also recorded general perceptions of the results and the interface

“big evil number” should be something in Russian

“John Jacob bastards,” should be “John Jacob Astor,”

“14 COVID increase” should be “fourteen-fold increase”

3Play Media

- Average percentage of errors per total number of words: .5%
- Interface not super easy for review, especially among multiple people
- Interface is useful for fixing transcripts
- Found differing levels of errors depending on AV quality, subject matter, and captioner

Otter.ai

- Average percentage of errors per total number of words: 2.8%*
- *Does not include the many punctuation and grammar errors as it would have taken too long to record all of the problems
- Interface was easier for review among multiple people, and was easier to follow with active word highlighting

Next Steps

- Formally recommend a preferred vendor
- Finalize review policy
- Implement an interim way to provide access

Thank You!

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