Accelerating Workflows with Language Technology



smart content EU

5 November 2020 12:30 to 17:00 GMT **Global Online**

Accelerating Workflows with Language Technology

1993



Volker Steinbiss



Automatic subtitling with human in the loop

AppTek ASR

<image>

Professional Subtitlers

<u>AppTek</u>

1

Translating subtitles from a template with a little help from MT



why didn't you tell me you got lost in Canada?



you got lost in Canada?



Human or Machine Quiz https://apptek-ai.typeform.com/to/NrFYSawm



2

Live closed captioning, fully automatic

newscentermaine.com









https://www.apptek.com/post/ner-model-infographic-accessibility-series-companion-piece

The full pipeline: ASR + MT for gisting purposes



3

Audio alignment

Color codes: Correct: Match between transcript and ASR Substitution(substituted): ASR recognized a different word Insertion: ASR recognized additional words which are not in the transcript Deletion: Words in the transcript were not recognized by the ASR

Segment 1: 0.84 - 6.62 After a season that began in a different calendar year and opened up in California, the playoffs are here. Segment 2: 7.16 - 17.82 Perfect setting, too. The Barclays being played for the third time here at Ridgewood Country Club, just about 15 miles northwest of Times Square and midtown Manhattan. Segment 3: 17.22 - 25.93 5under the lead. Hunter Mahan, the only man to play in all 28 of the FEDEXCUP Playoff events. Segment 4: 25.94 - 28.93 Cameron Tringale and Charles Howell sharing the lead. Segment 5: 28.99 - 30.5 Rickie Fowler keeping it going with a 68. Segment 6: 32.97 - 34.24 Erik Compton as well. Segment 7: 34.43 - 35.6 Not an easy golf course. Segment 8: 36.05 - 38.05 Par 71, over 7300(he) yards(was) the(out) layout(a) here.(to) Segment 9: 38.08 - 46 Hideki(to) Matsuyama right there with Bubba Watson. He was out in that featured group of the morning. Segment 10: 46.01 - 48.5 Terry Gannon along with Sir Nick Faldo. Segment 11: 48.5 - 58.76 And some of the stars from the morning wave, including the man who's who's just been dominant obviously lately. Rory McIlroy starting on the back nine, but a doublebogey. That for par. Struggling early, Nick. Segment 12: 58.78 - 71.57 Yeah. Well, kind of understandable, you know, after another amazing win rush back to back to Britain, had a bit of fun time and charged back. TV shows, all sorts of things. Segment 13: 72.16 - 75.49 Went out in 40, got a couple coming in. A 74, 3over today. Segment 14: 75.5 - 79.47 Phil Mickelson with a charge at the PGA Championship, and this for eagle at the 5th. Segment 15: 80.59 - 86.6 Up and over. A wonderful little hole, the 5th. Drivable, a sliver of a green perched on the side of a hill. Segment 16: 86.97 - 90.14 So 71, even par round for Mickelson. Segment 17: 90.15 - 97.74 Rickie Fowler, who's who's been so close throughout the major championships, this off the tee at the 2nd, playing 192 yards today. Segment 18: 97.82 - 109.84 I'm sure he's he's delighted. He managed to get a bit of a breather after the PGA to come back because he's he's used up a lot of energy and it hasn't quite happened, but, you know, maybe the FEDEXCUP is going to be his bia arand prize of the year. Segment 19: 110.12 - 118.05 And Fowler the 68, 3under round here on day 1. So he'll go late tomorrow. We'll have him in the

coverage window.

Segment 20: 118.12 - 121.18 Adam Scott, former World Number 1, 2under at this point.



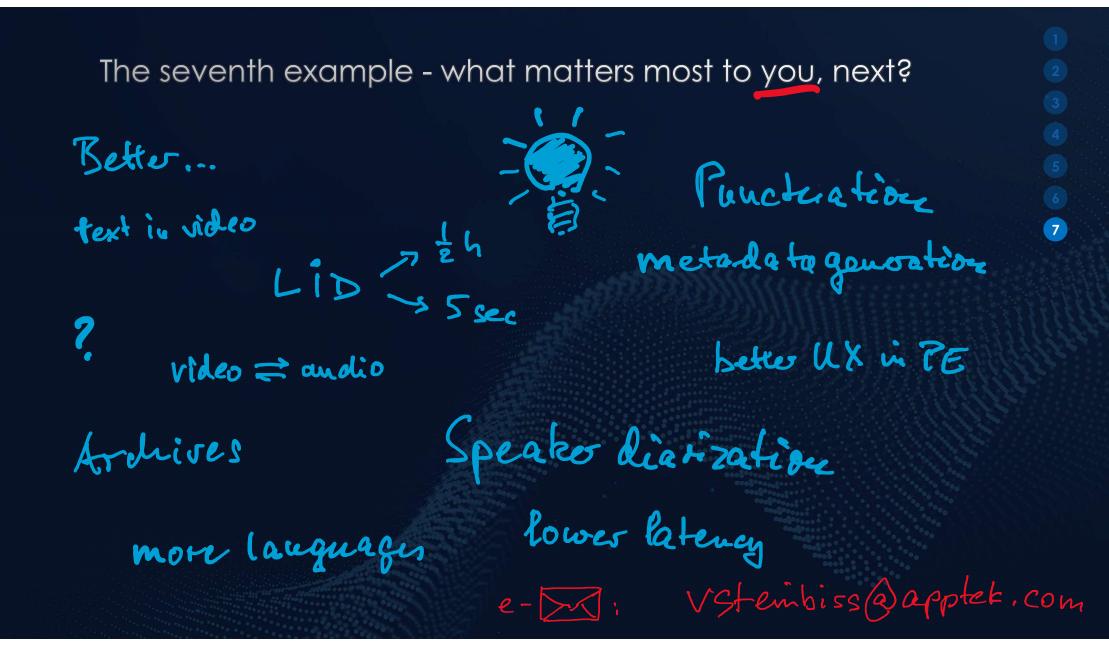
Leveraging metadata for translation



We provide only the engine







Thank you for listening!

email: vsteinbiss@apptek.com

And here again the QR codes...





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metadata for MT