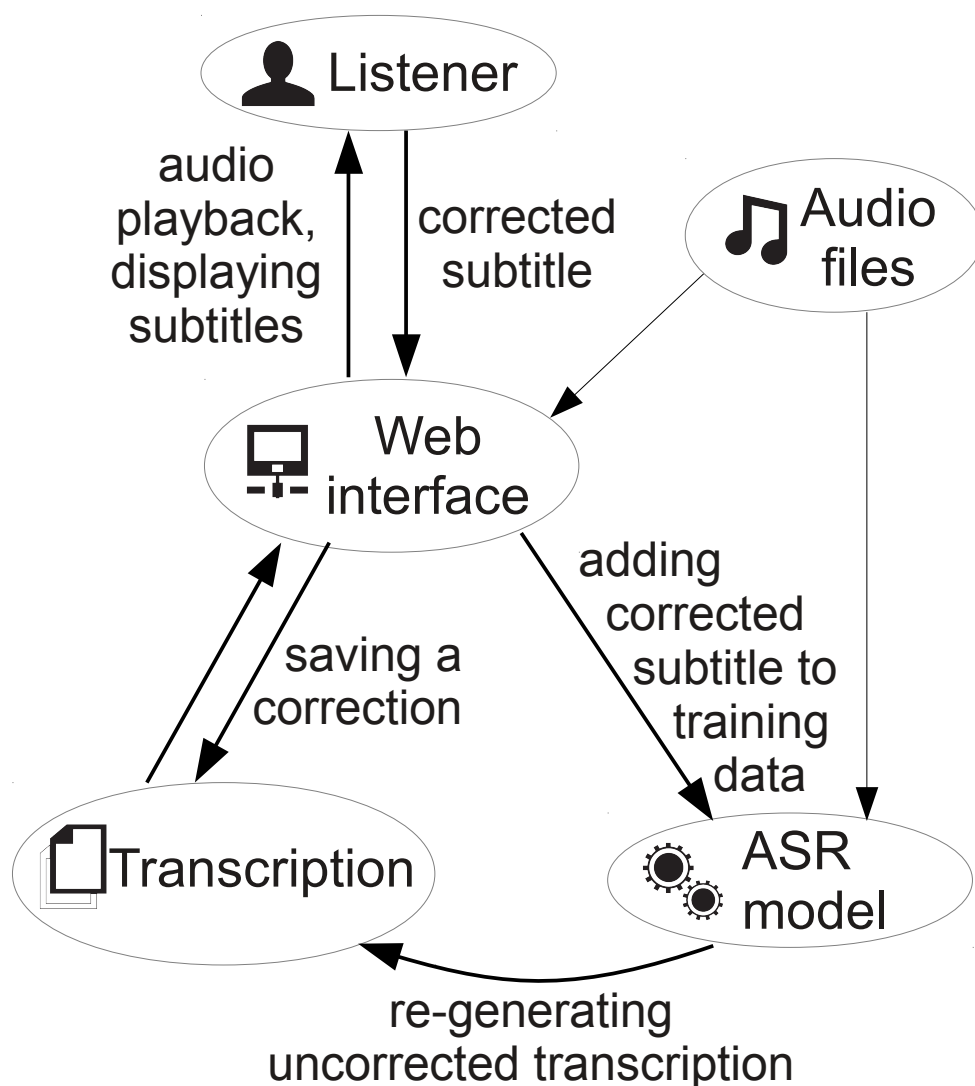


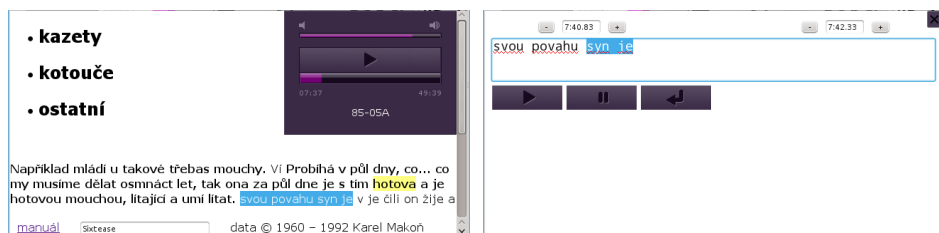
# Transcription of a corpus in web employing ASR

The paper presents a system for combining human transcriptions with automated speech recognition to create a quality transcription of a large corpus in good time. The system uses the web as interface for playing back audio, displaying the automatically-acquired transcription synchronously, and enabling the visitor to correct errors in the transcription. The human-submitted corrections are then used in the statistical ASR to improve the acoustic as well as language model and re-generate the bulk of transcription. The system is currently under development.

The paper presents the system design, the corpus processed as well as considerations for using the system in other settings.



- <10 volunteers
- 1K hours single speaker
- HTML5 / JS
  - playback
  - transcription display
  - edit capability
  - ajax forced alignment
- 1.2GB .js files
  - time-aligned words
  - storable off web server
- Under development (HTK, srilm)



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