ELAN
annotation tool for multimodality research
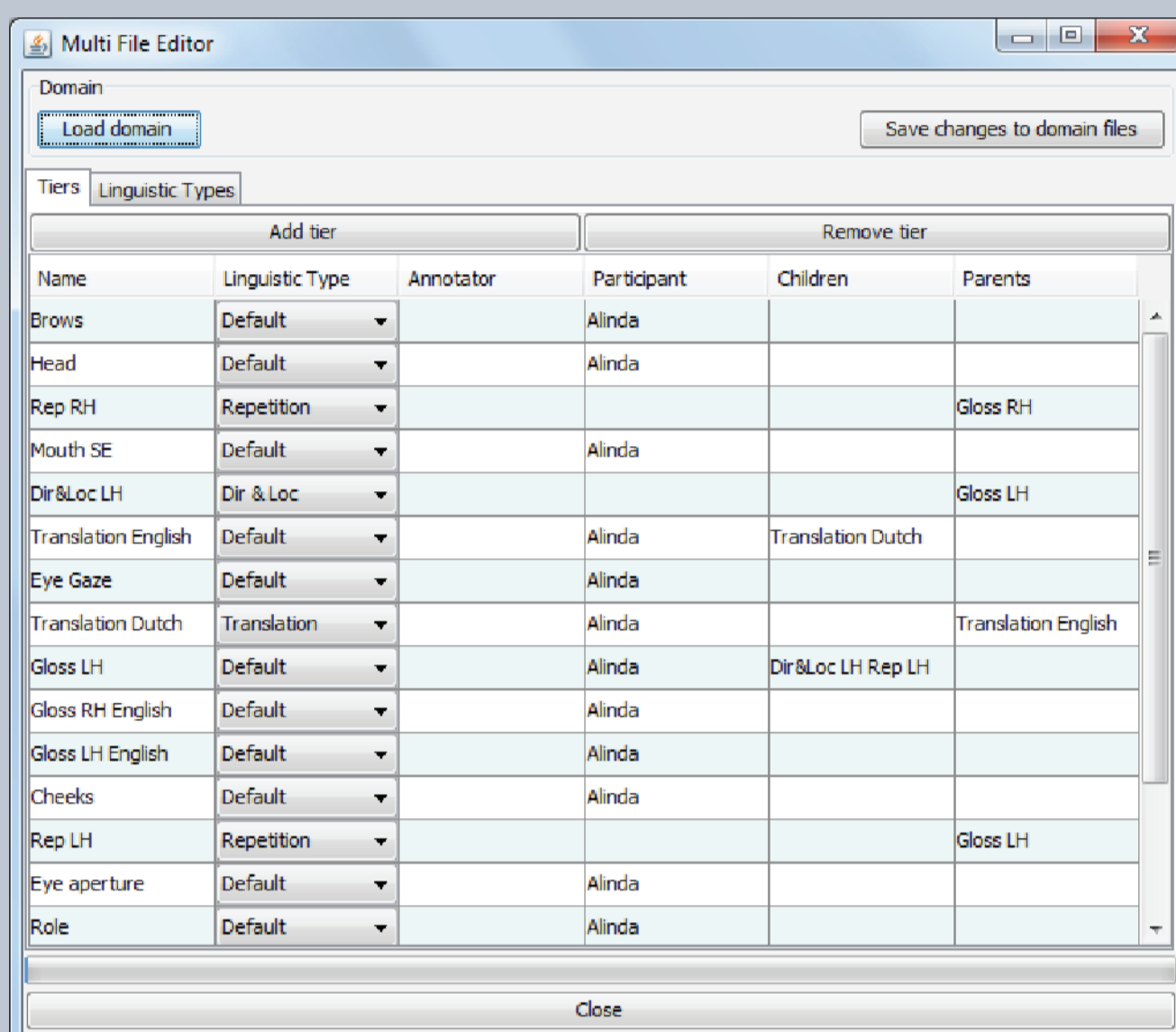## a progress report

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· ELAN is a multimedia annotation tool
· freely available, sources available
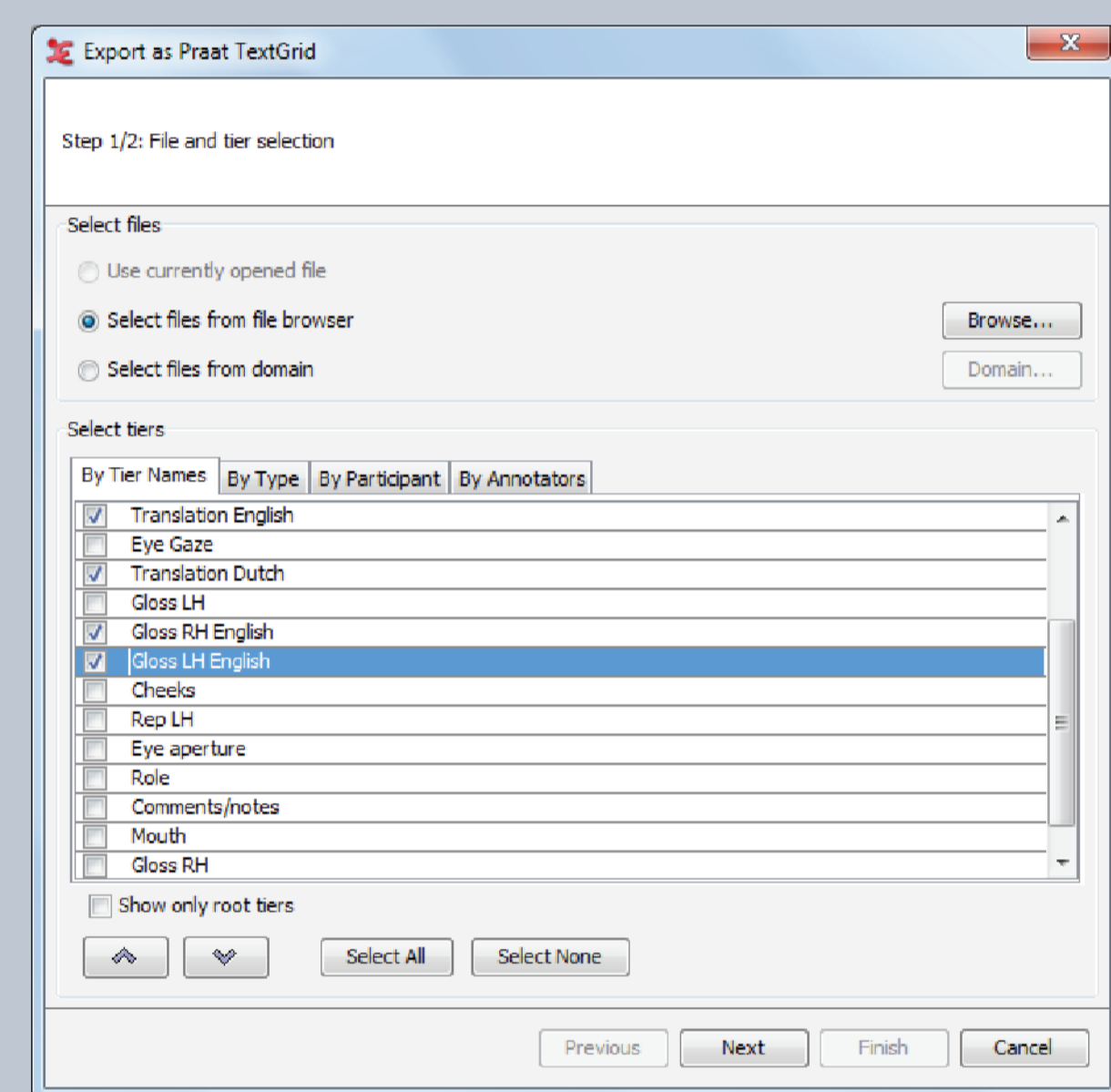· written in Java, stores data in XML
· current version 4.3.3

Multiple File operations
reduces repetition of the same manual actions
(mouse clicks, key strokes)

MF tier and type editing
add or remove tiers, edit tier and type attributes

MF export / conversion
export to several formats; tab-delimited text, Toolbox, Praat
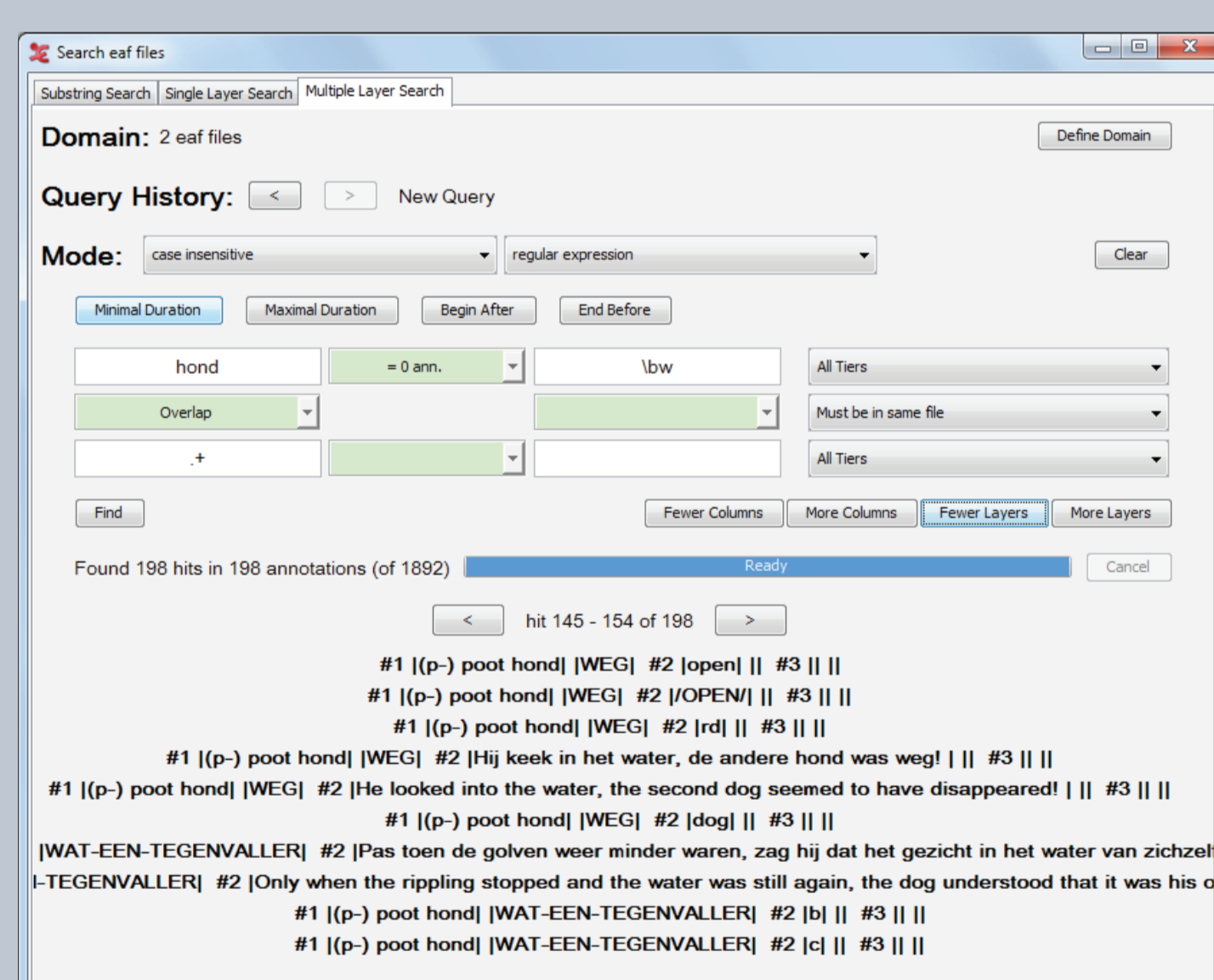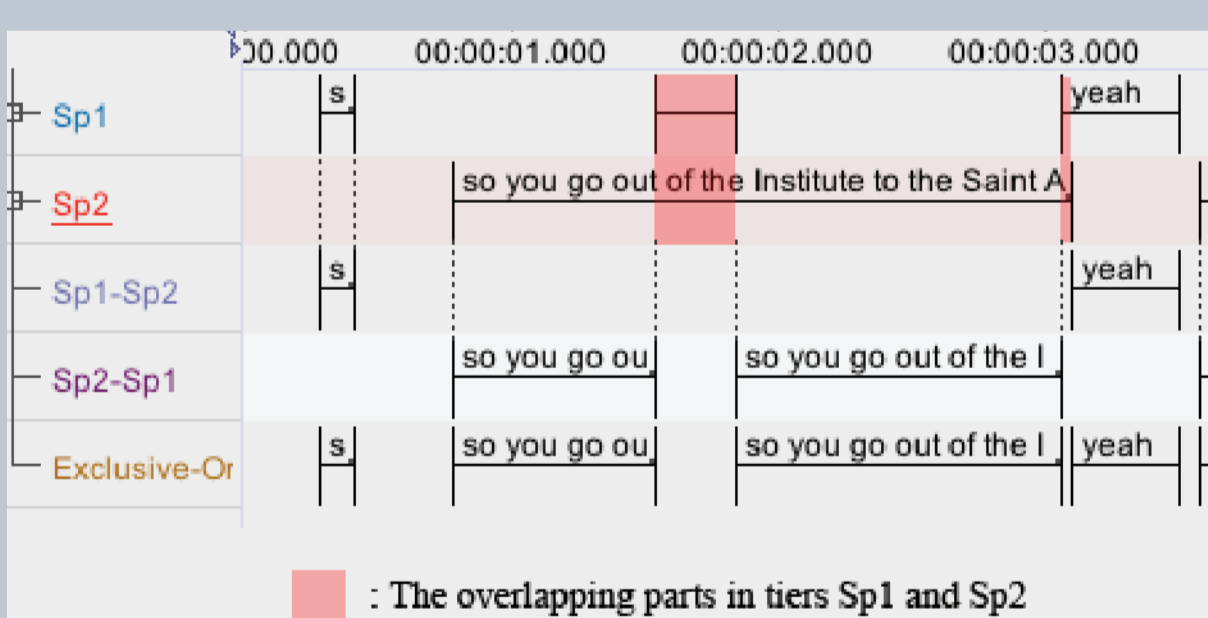
MF search, find-and-replace
complex structured search, find and replace with support for regular expression

MF creation
create eaf files for all media files in a selected set of folders

MF tier operations
annotations from overlaps, by merging or subtraction

: The overlapping parts in tiers Sp1 and Sp2

Tier-based operations
create new tiers with annotations based on the annotations of two or more existing tiers
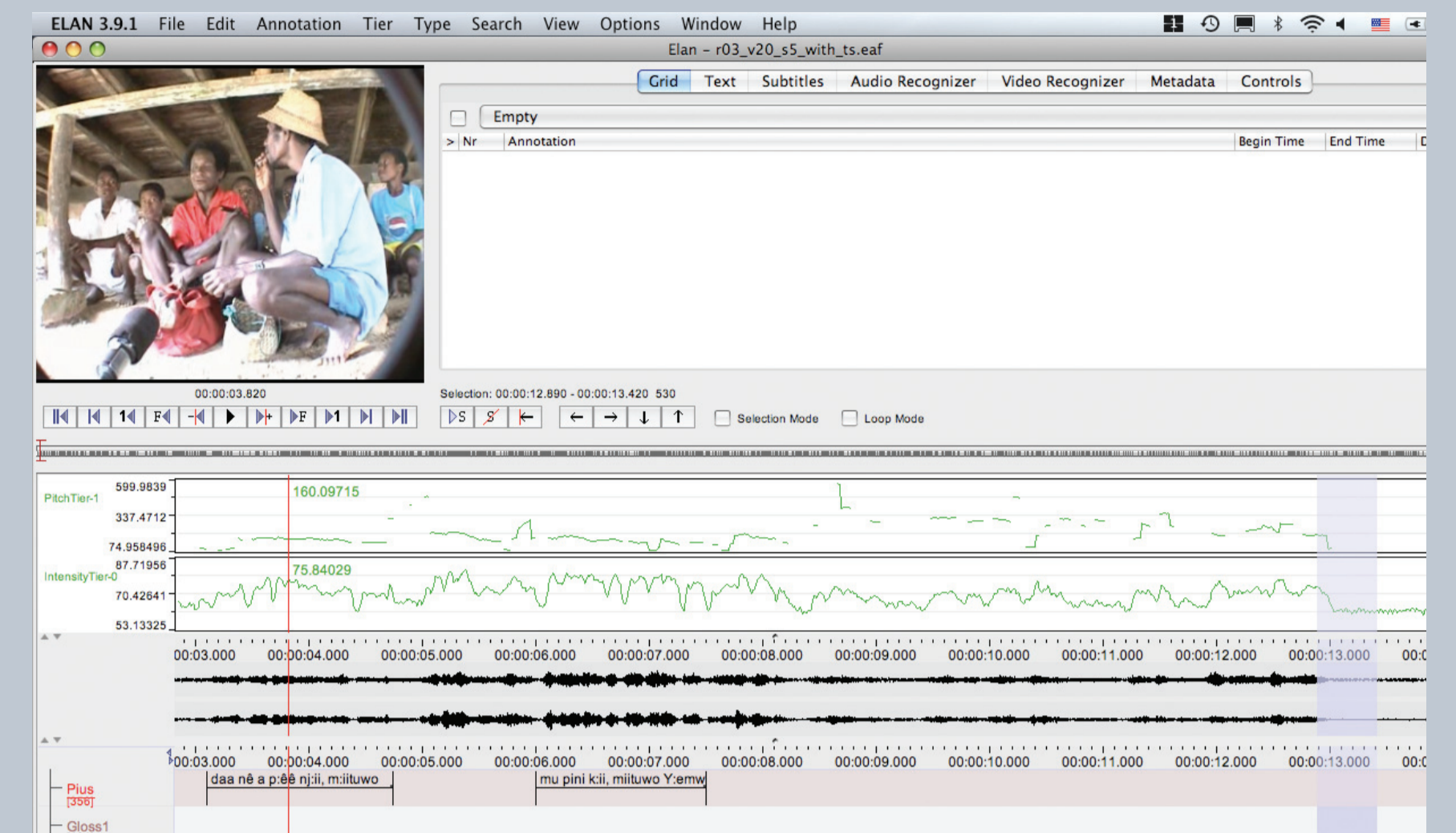apply logical operation AND, OR or XOR, or subtract

Media Support
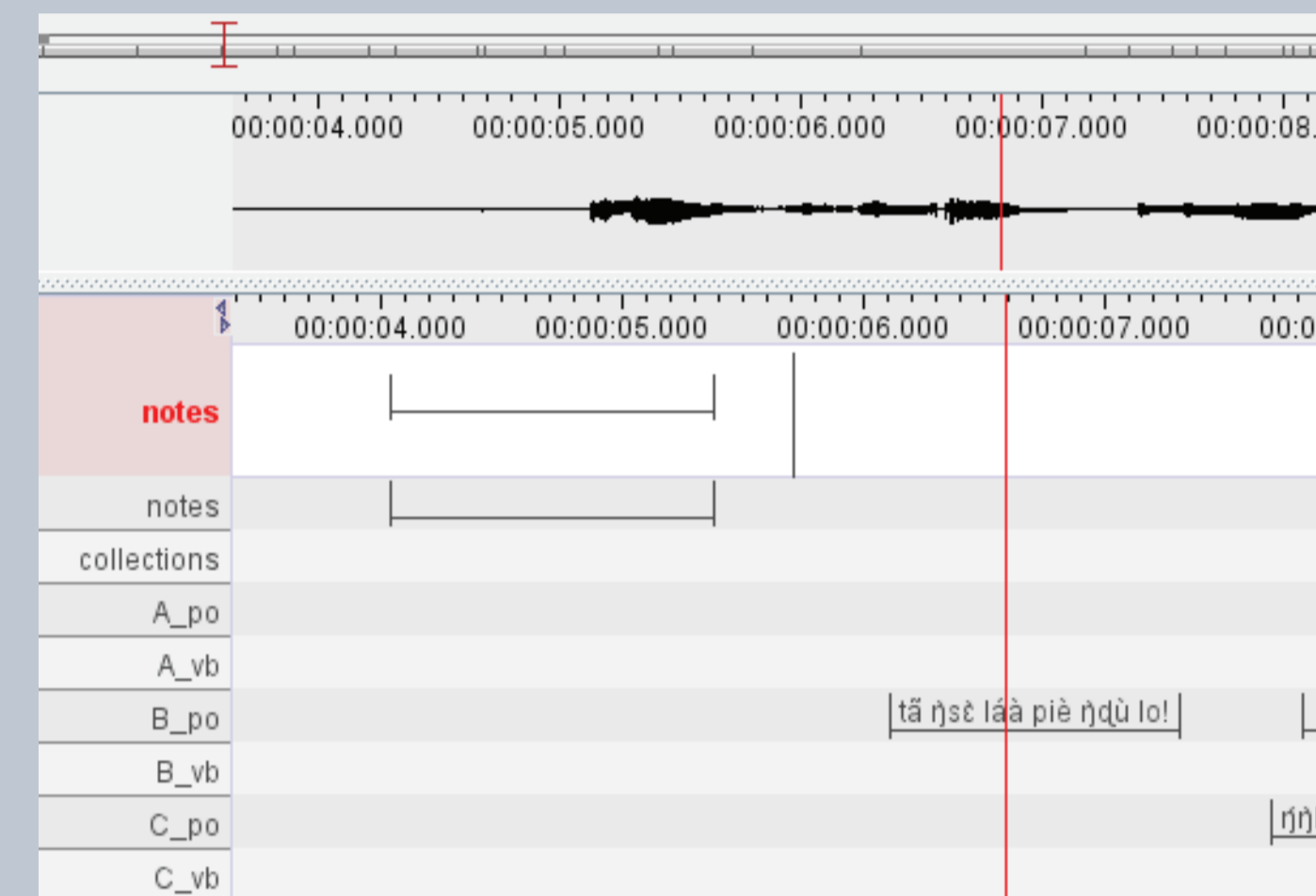new player for Windows 7 based on Microsoft Media Foundation adds support for mp4/H.264

Task oriented working modes

Annotation Mode
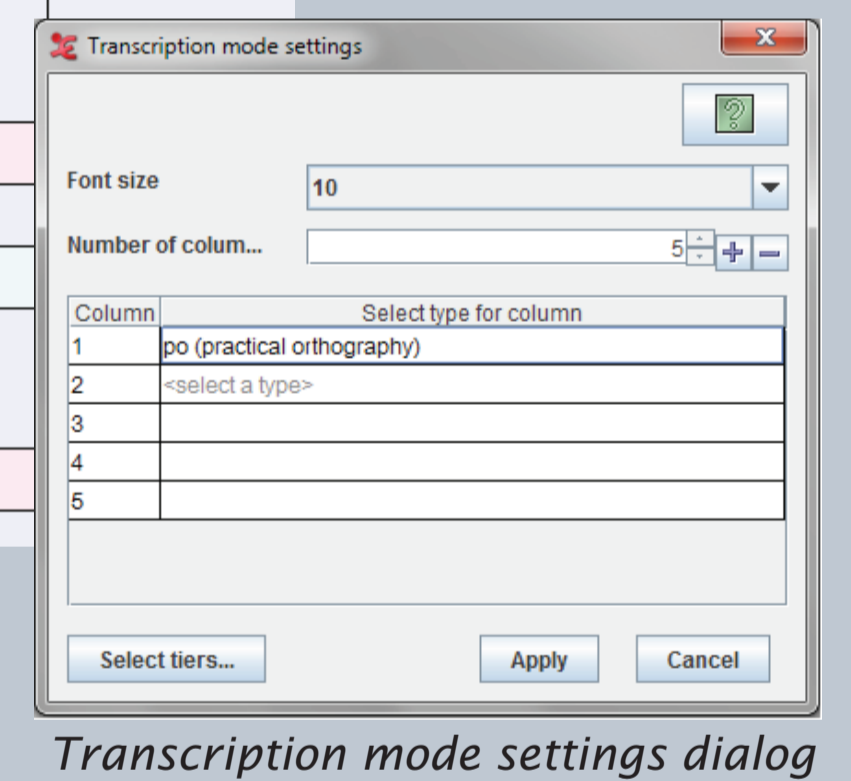· the classic, default mode, allows both segmentation and labeling

Segmentation Mode
· rapid creation of segments while media is playing
· segments created only on root tiers and on "included in" type of dependent tiers
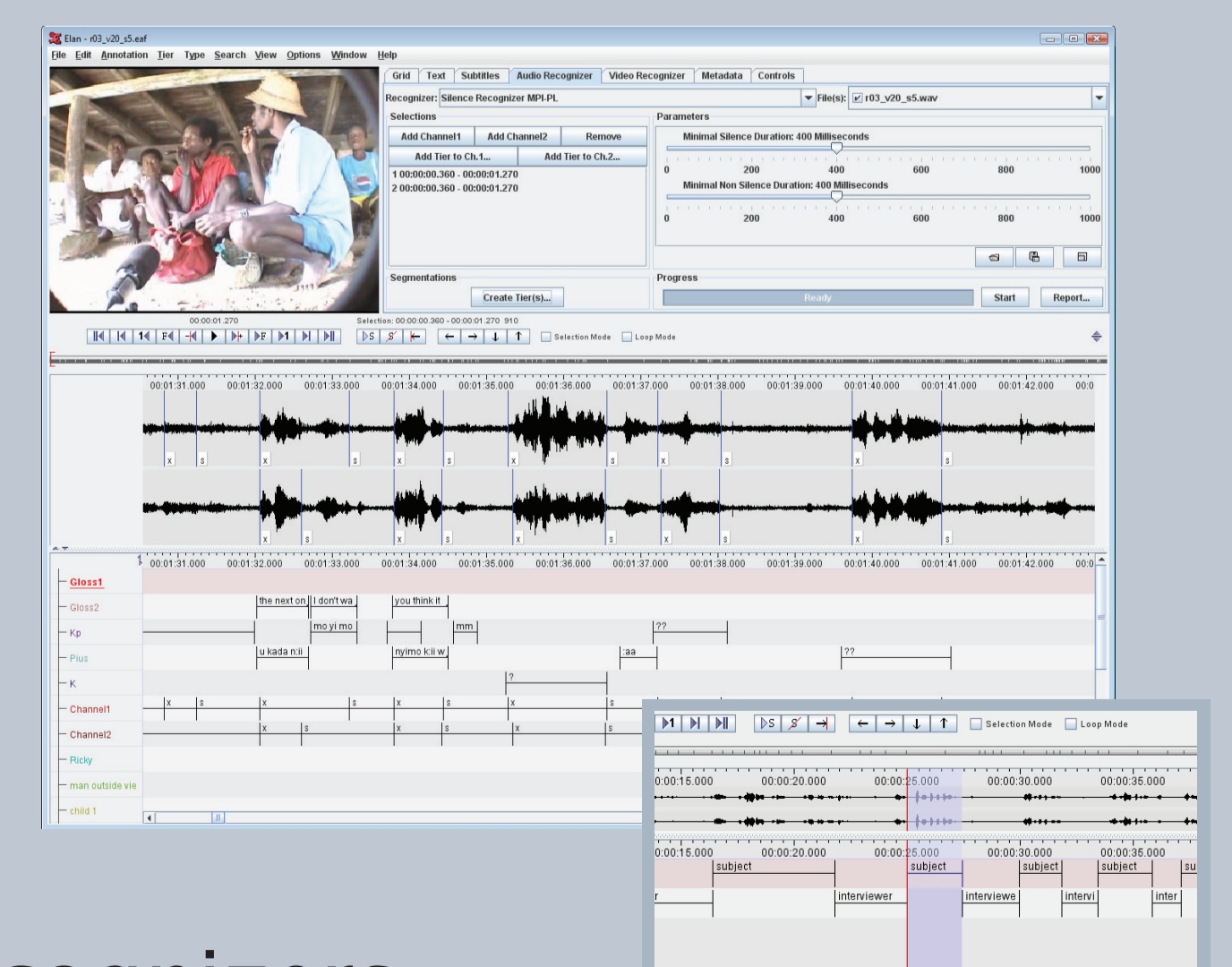· keyboard driven segmentation

Transcription Mode

Transcription mode settings dialog

· the process is cut down to listening/ watching and typing
· displays all annotations on all tiers of a certain type in one column
· tiers are loaded based on the tier type
· first column can have tiers of any type

Audio and Video recognizers
· manual annotation is time consuming, 1 hour of recording can take up to 100 hour transcription
· usage of audio/video pattern recognition software can speed up transcription work
· an extension mechanism has been implemented for recognizers
· speech/non-speech detection, speaker clustering, forced alignment, head-hand-arm detection

www.mpi.nl/avatech

http://tla.mpi.nl/tools/tla-tools/elan

The Language Archive - Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands