Introduction to Elan

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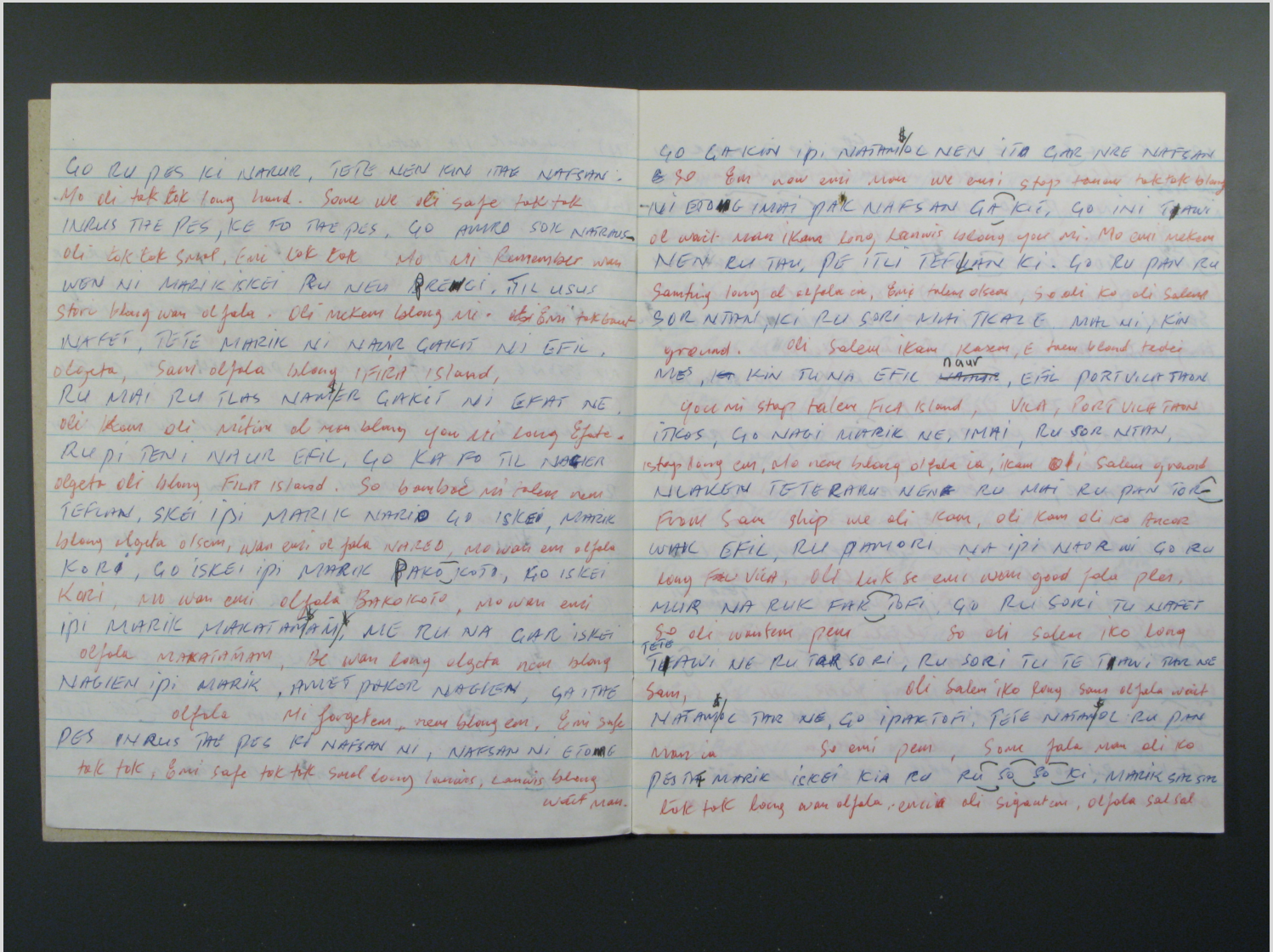
Transcribe



Me, selwan ag kupi eɱ̃ae, tiawi itraus traus traus traus, natrauswen ga itaos nlag. Itrausi pan kaipa. Me komam uta laap kin uto mau, a? Malen umat, inom.

But when you are far away the old man can talk and talk and talk, his story is like the wind. He tells it and it is gone. But there aren't many of us left. When we die, it will be finished.

(NT1-98009-A, 1932.36 1942.16)

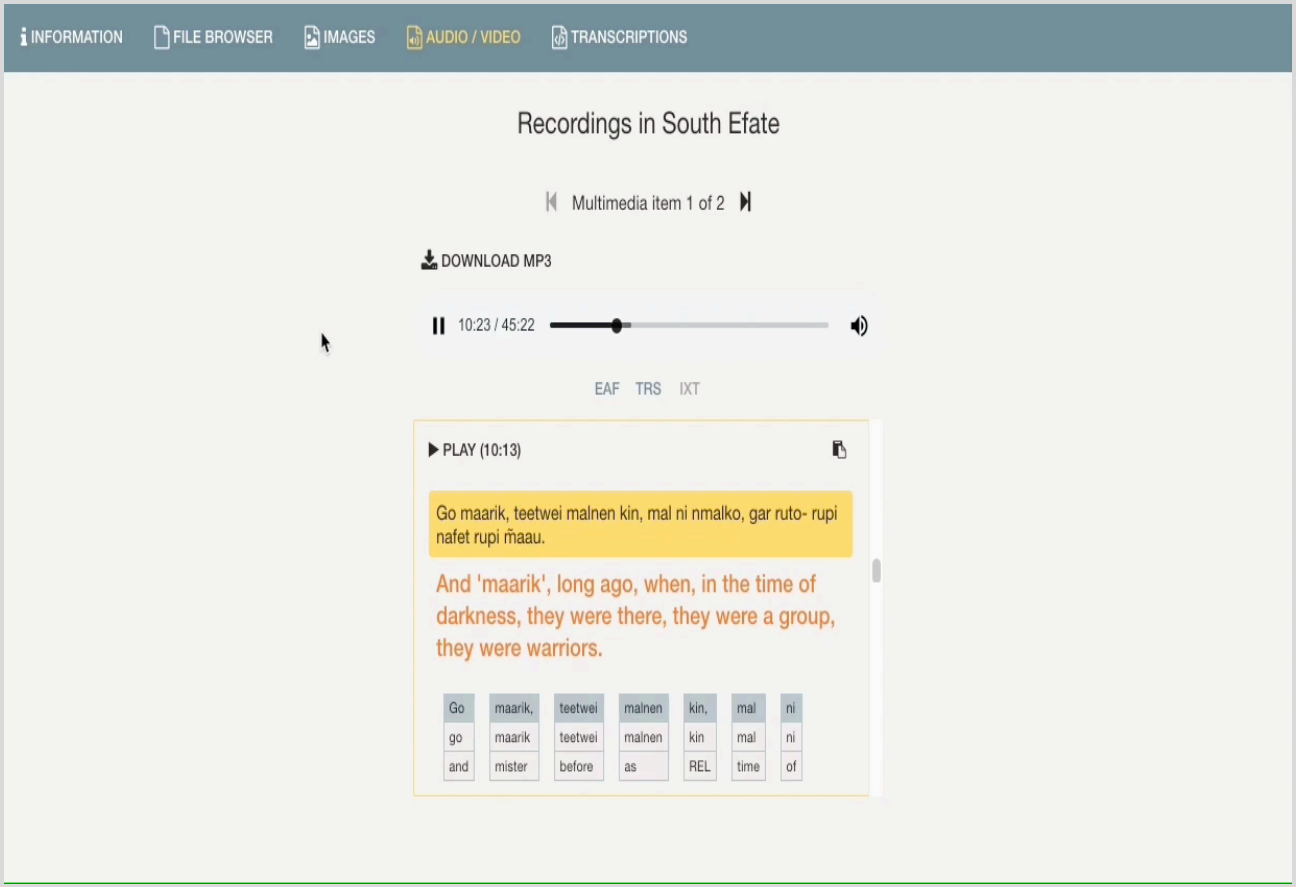
†Kalfaŋ̃un Mailei, 1998, Erakor Village, Efate, Vanuatu

Elan

- Transcribe media
- Multiple video files
- Provides a time-aligned transcript of the media
  - Index of the media
  - Useful for subtitling
- Slow down playback
- Automatic insertion of segments based on silences
- Create a corpus of all transcripts to search over
- Allows multiple tiers to be transcribed (speakers, gestures, comments, translations)

Why use Elan?

- Instant access to points in media via text
- Well-known standard format that is being adopted by online services



Time – aligned audio and transcript in the PARADISEC archive

Simple Elan

- Transcribe media
- No speed controls
- Single tier of transcription
- Allows time-aligning of existing transcript

- To begin with: make an index of what is on a media file
  - could be a summary:
    - first five minutes are general conversation; next ten minutes are singing; next ten minutes is a story told by XXX
  - could be a transcript (word by word typing what is said on the recording)

Installation

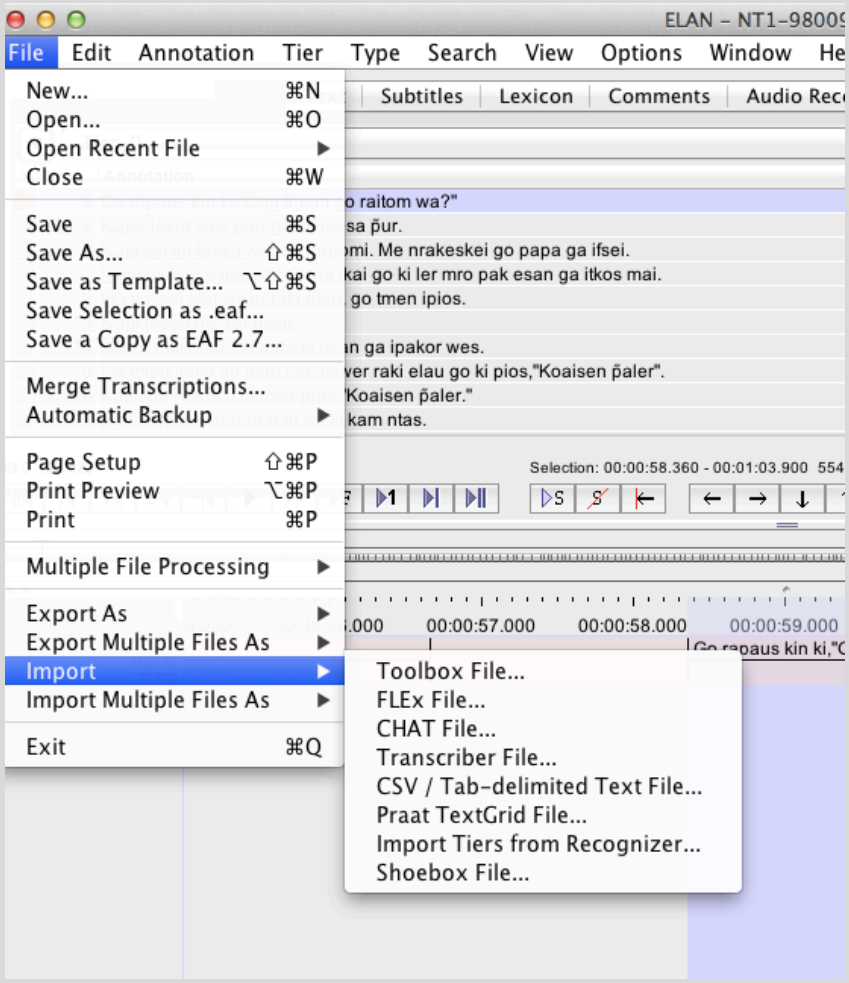
- Free download from MPI site
- Version 5.7 (current at July 2019)
- http://tla.mpi.nl/tools/tla-tools/elan/
- SimpleElan version 1.1
- Manual updated 2018-12-05

Filetypes

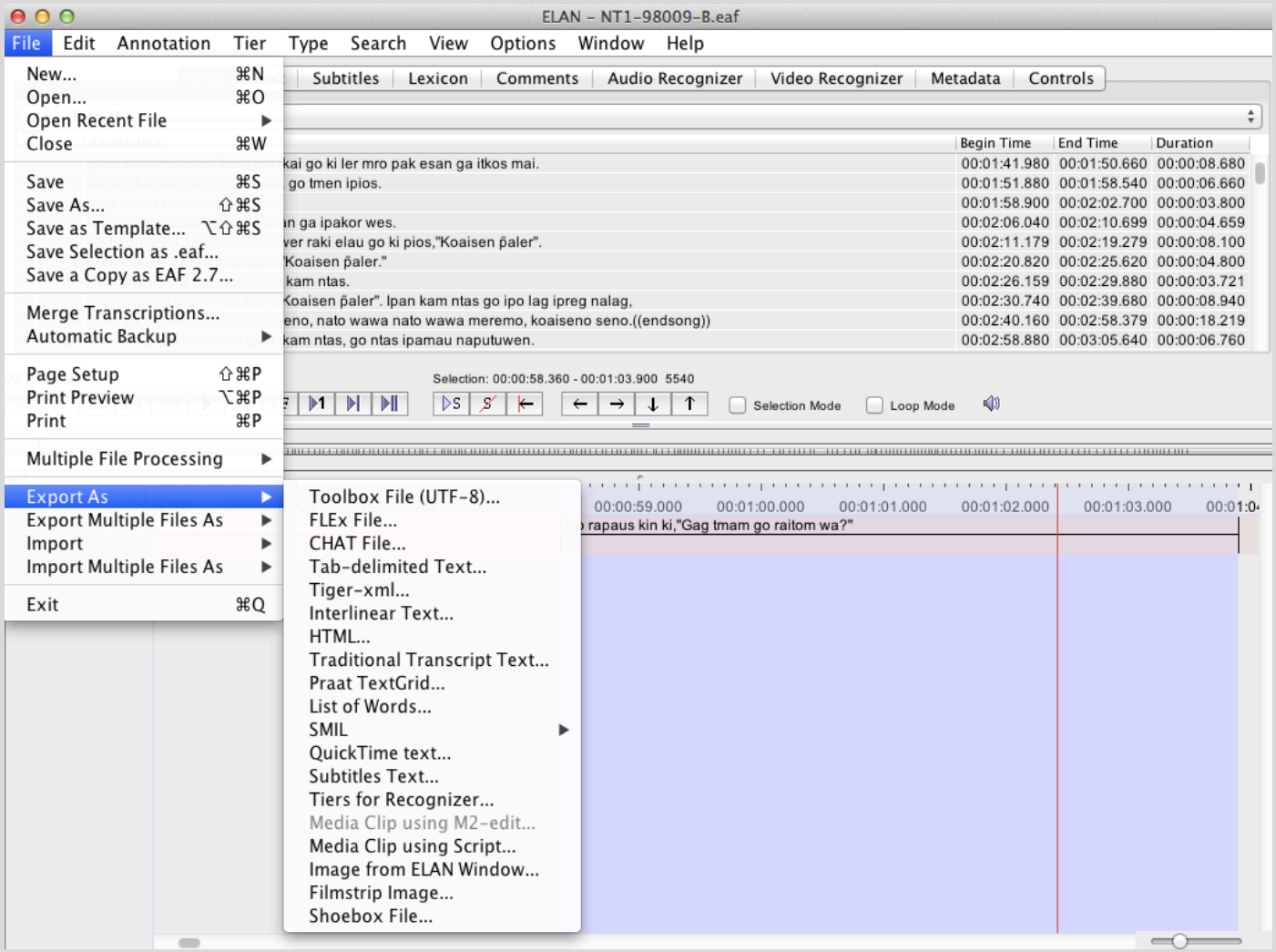
- Whatever your system allows:
- .mov, .avi, .wmv, .mpg
- .wav, .vob, .mp3,

- Annotation is stored in Elan Annotation Format (.eaf)
  - XML, schema-based format (= a good thing)

Elan Imports



Elan Exports



Demo files

provided by MPI

- elan-example1.mpg
- elan-example1.wav
- elan-example1.eaf

- http://www.mpi.nl/tools/elan/elan-example.zip

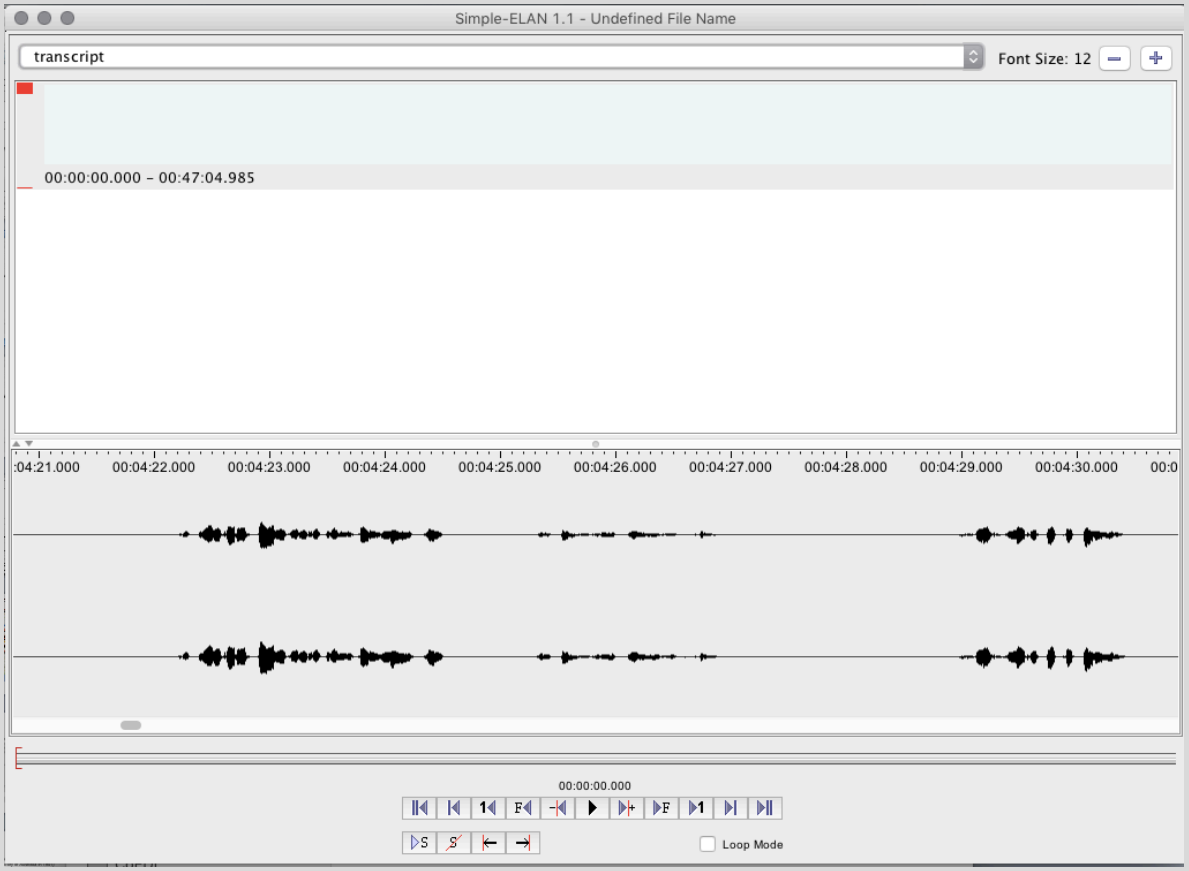
Starting Elan

- New file
- Select media (up to 4 media files can be jointly annotated)
- You can choose a ‘template’ that has existing settings
- Name media and annotation file the same (e.g fileX.mpg, fileX.eaf)

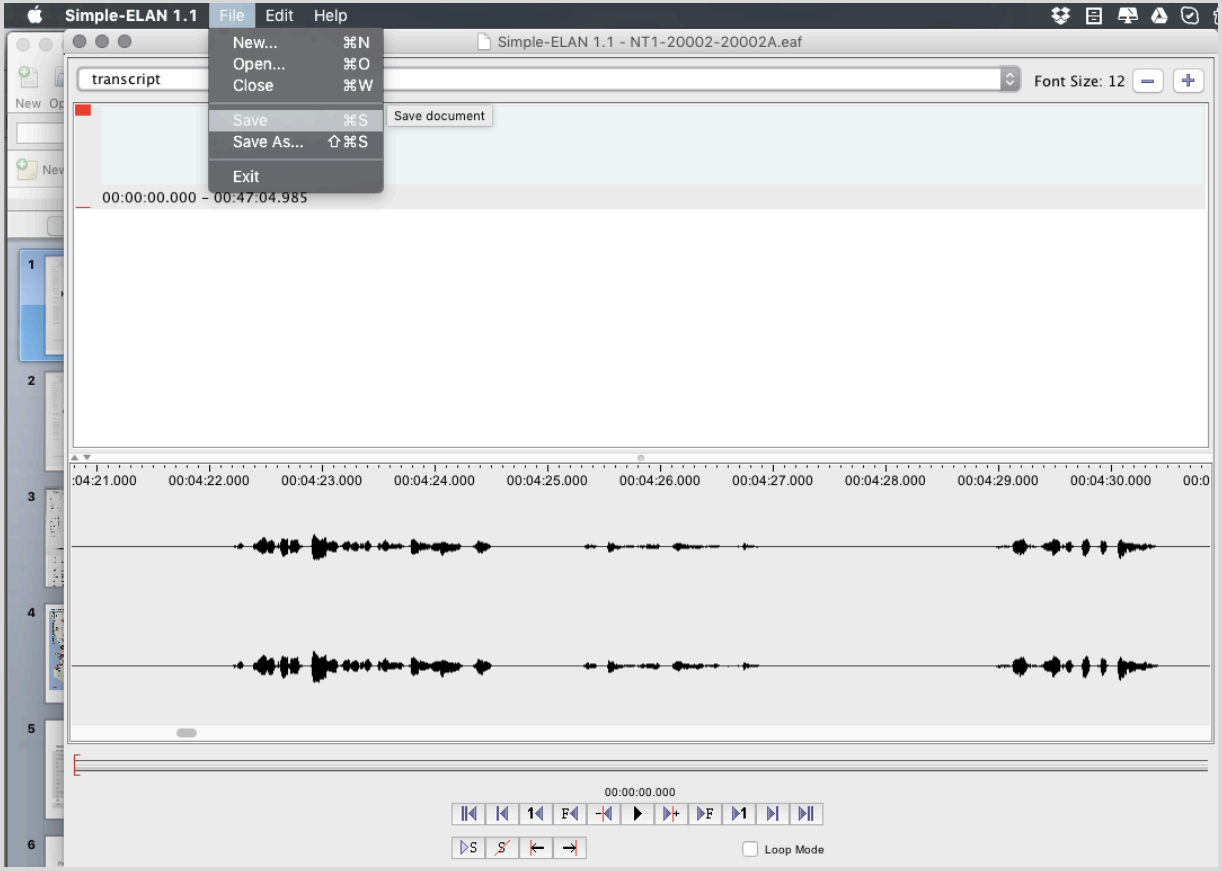
Simple Elan

- Allows you to transcribe media
- Drag and drop media file onto the opening screen

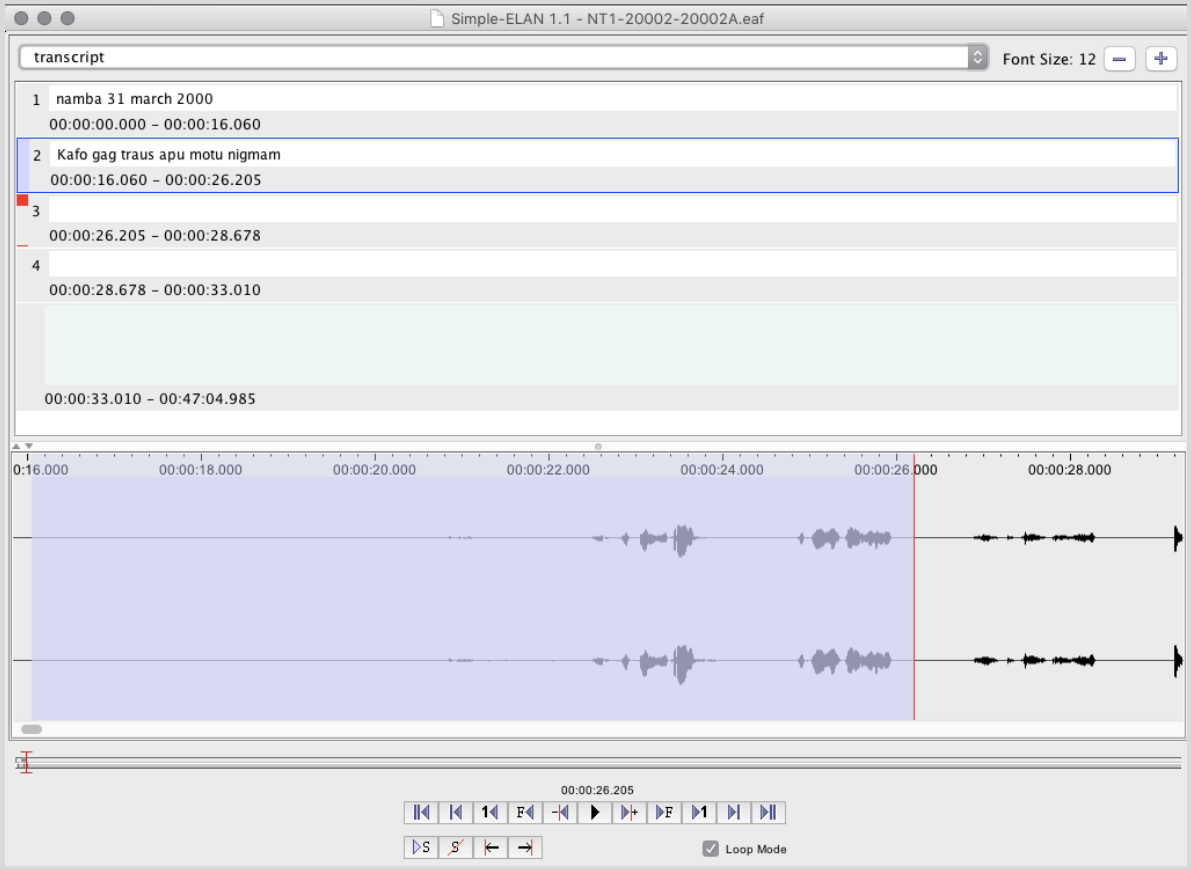
Simple Elan


Simple-ELAN 1.1 - Undefined File Name
transcript
Font Size: 12
00:00:00.000 - 00:47:04.985
:04:21.000
00:04:22.000
00:04:23.000
00:04:24.000
00:04:25.000
00:04:26.000
00:04:27.000
00:04:28.000
00:04:29.000
00:04:30.000
00:0
00:00:00.000
Loop Mode

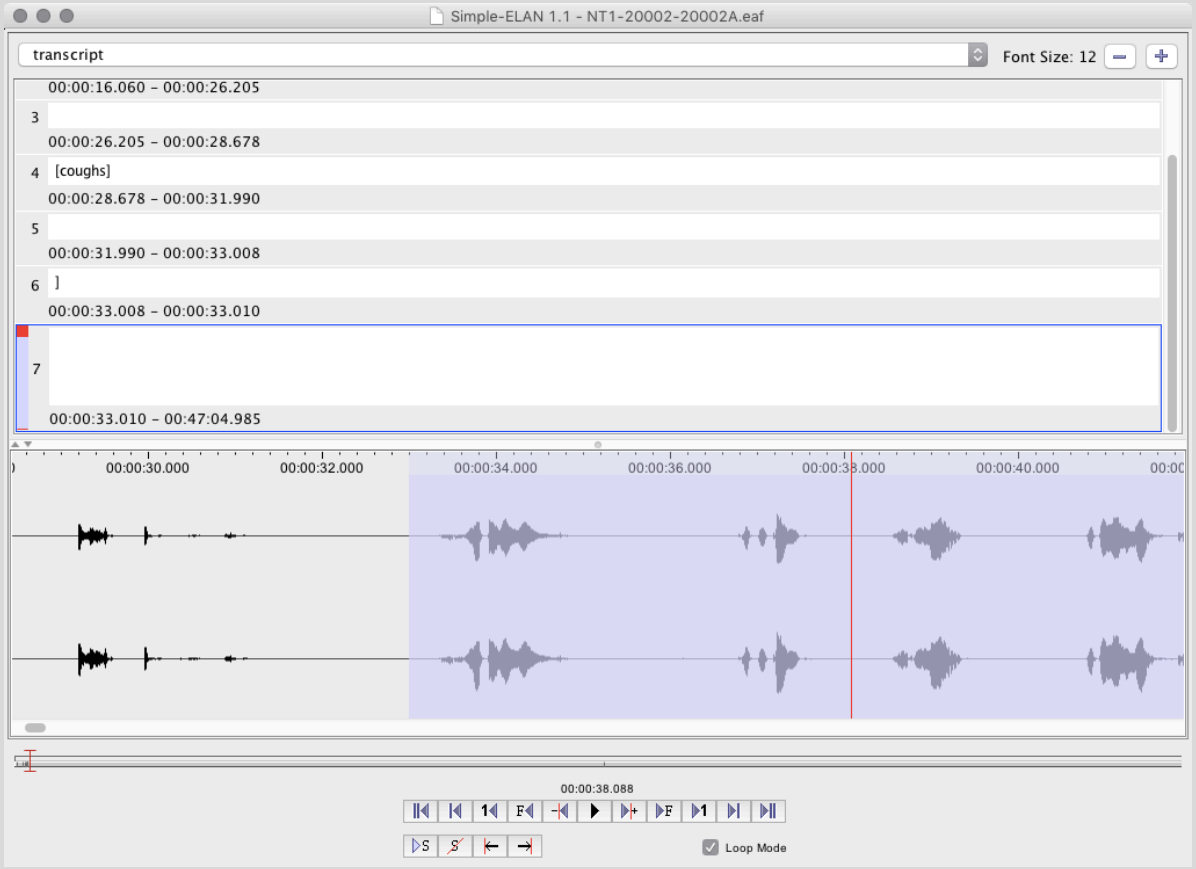
Simple Elan


Simple-ELAN 1.1
File
Edit
Help
New... ⌘N
Open... ⌘O
Close ⌘W
Save ⌘S
Save As... ⇧⌘S
Exit
Simple-ELAN 1.1 - NT1-20002-20002A.eaf
transcript
Font Size: 12
Save document
00:00:00.000 - 00:47:04.985
:04:21.000
00:04:22.000
00:04:23.000
00:04:24.000
00:04:25.000
00:04:26.000
00:04:27.000
00:04:28.000
00:04:29.000
00:04:30.000
00:0
00:00:00.000
Loop Mode

Simple Elan


Simple-ELAN 1.1 - NT1-20002-20002A.eaf
transcript
Font Size: 12
1 namba 31 march 2000
00:00:00.000 – 00:00:16.060
2 Kafo gag traus apu motu nigmam
00:00:16.060 – 00:00:26.205
3
00:00:26.205 – 00:00:28.678
4
00:00:28.678 – 00:00:33.010
00:00:33.010 – 00:47:04.985
0:16.000
00:00:18.000
00:00:20.000
00:00:22.000
00:00:24.000
00:00:26.000
00:00:28.000
00:00:26.205
Loop Mode

Simple Elan

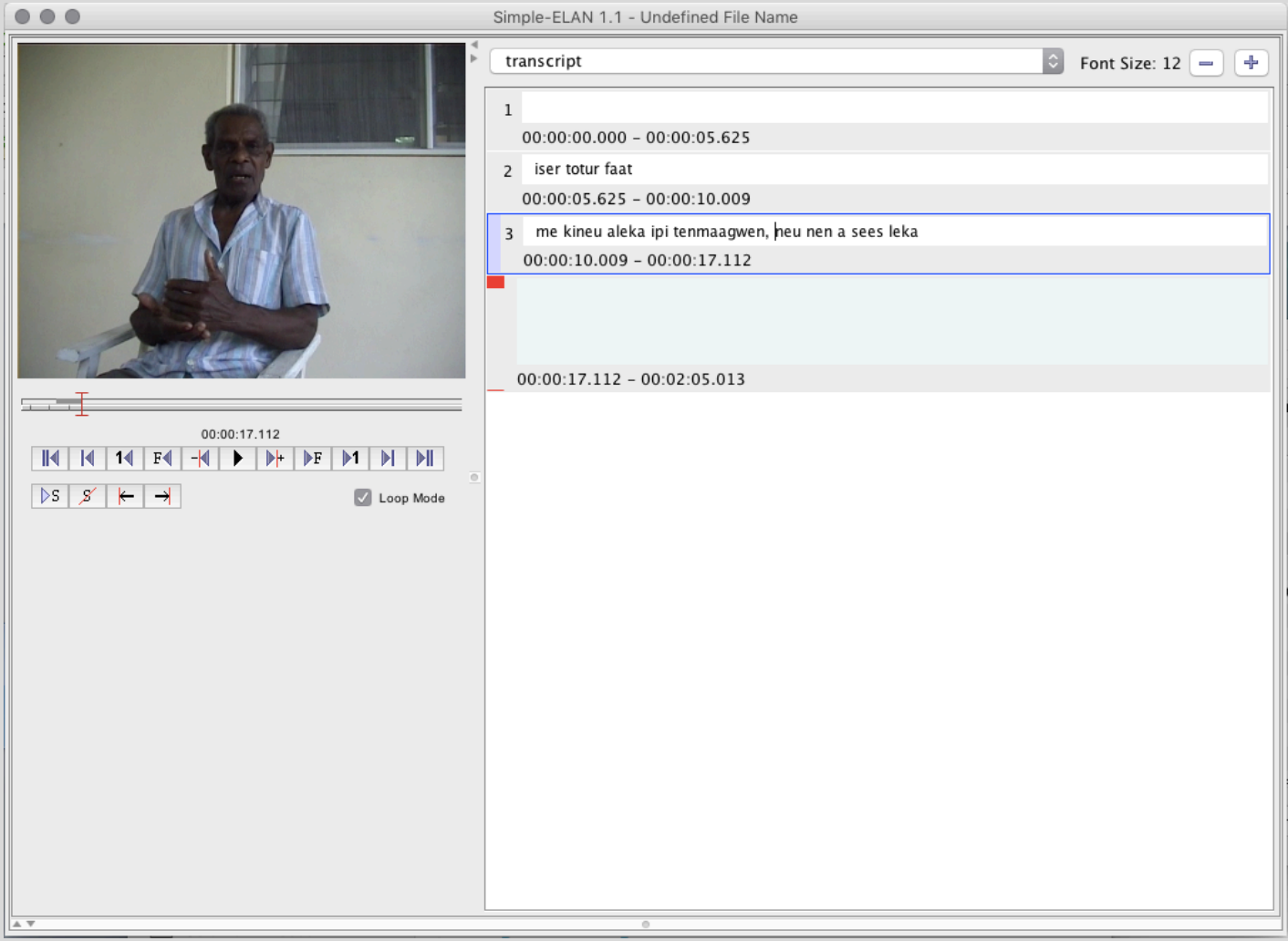

Simple-ELAN 1.1 - NT1-20002-20002A.eaf
transcript
Font Size: 12
00:00:16.060 - 00:00:26.205
3
00:00:26.205 - 00:00:28.678
4 [coughs]
00:00:28.678 - 00:00:31.990
5
00:00:31.990 - 00:00:33.008
6]
00:00:33.008 - 00:00:33.010
7
00:00:33.010 - 00:47:04.985
00:00:30.000
00:00:32.000
00:00:34.000
00:00:36.000
00:00:38.000
00:00:40.000
00:00:38.088
Loop Mode

Simple Elan

- gives you a time-aligned index of your media
- needs no setup
- the file it creates can then be opened in Elan

Simple Elan

- Video



Elan

Use template

A set of ELAN templates for free download.

There are six templates covering the following types of requirements:

- Template1.etf: 1 speaker, tiers for Text and Free Translation.
- Template2.etf: 2 speakers, tiers for Text and Free Translation.
- Template3.etf: 2 speakers, tiers for Text, Free Translation, and Gesture.
- Template4.etf: 1 speaker, tiers for Text, Word, Gloss, and Free Translation.
- Template5.etf: 2 speakers, tiers for Text, Word, Gloss, and Free Translation.
- Template6.etf: 2 speakers, tiers for Text, Word, Gloss, Free Translation, and Gesture.

http://www.rnld.org/software

- Save your file right away: File>Save. The ELAN file extension is .eaf.
- Set your Automatic backup to 5 minutes. File>Automatic Backup>5 minutes.

- To add an annotation, double-click inside the blue area. Type your annotation.

- To delete an annotation, click the annotation so that the horizontal line is blue. Then use Edit>Delete Annotation.

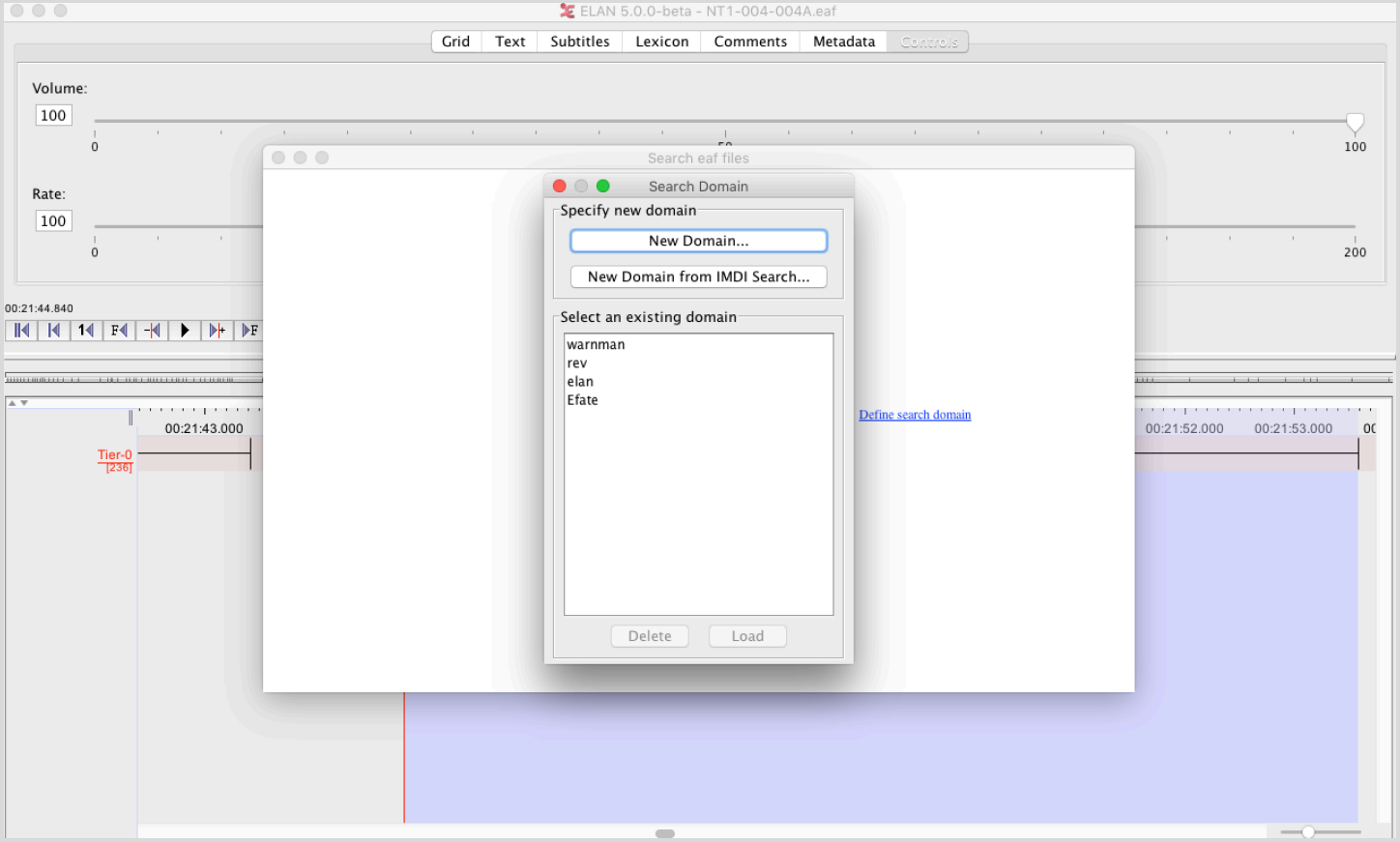
Variable playback speed

- Controls – Rate
- Loop – set a ‘chunk’ then loop over it until you transcribe it

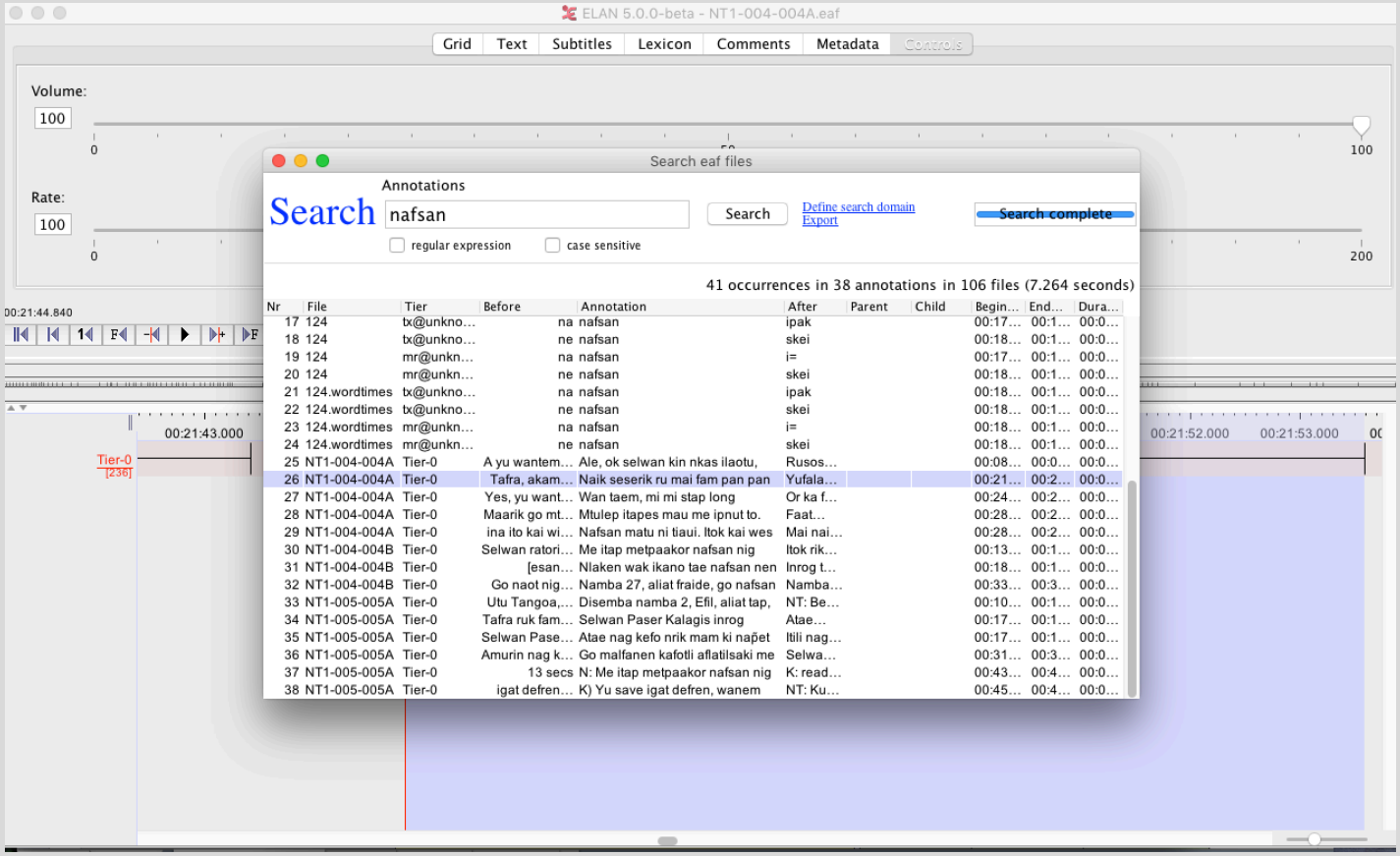
Elan corpus

- Search within a document
- Search over a set of Elan files
- Define a folder of files

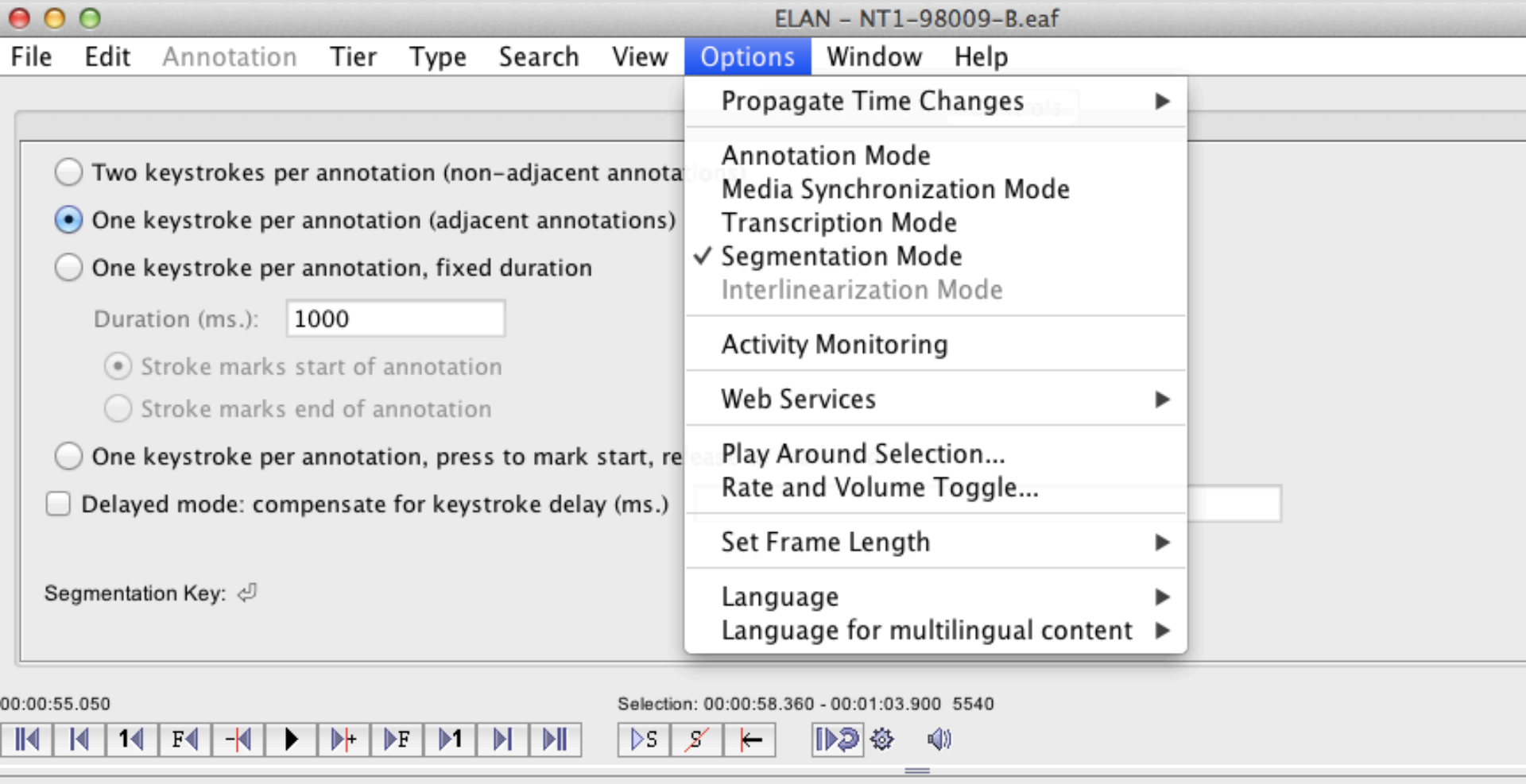
Elan corpus


ELAN 5.0.0-beta - NT1-004-004A.eaf
Grid
Text
Subtitles
Lexicon
Comments
Metadata
Controls
Volume:
100
0
100
Rate:
100
0
200
00:21:44.840
Search eaf files
Search Domain
Specify new domain
New Domain...
New Domain from IMDI Search...
Select an existing domain
warnman
rev
elan
Efate
Delete
Load
Define search domain
00:21:43.000
00:21:52.000
00:21:53.000
Tier-0
[236]

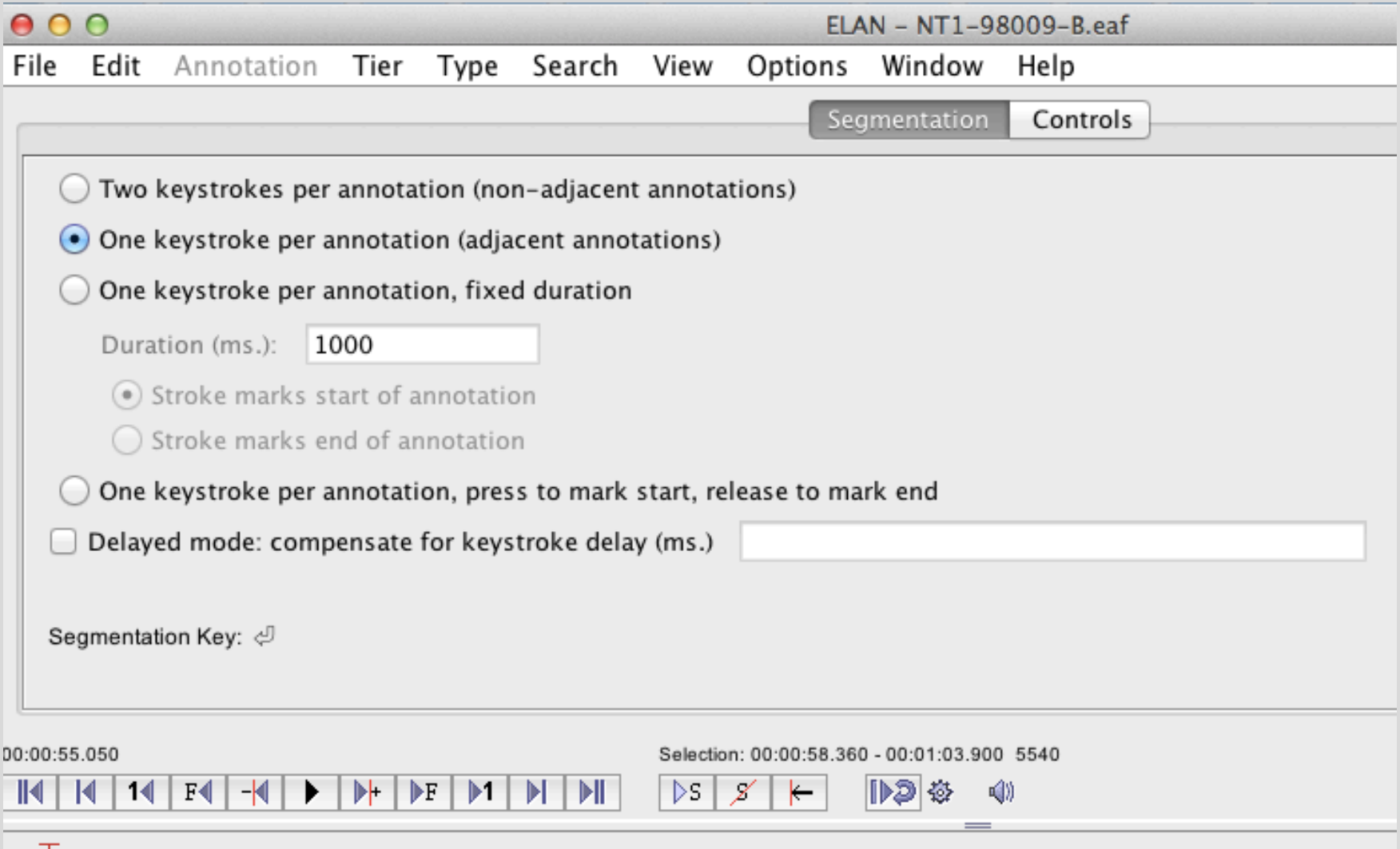
Elan corpus


ELAN 5.0.0-beta - NT1-004-004A.eaf
Grid
Text
Subtitles
Lexicon
Comments
Metadata
Controls
Volume:
100
0
100
Rate:
100
0
200
Search eaf files
Annotations
Search
nafsan
Search
Define search domain
Export
Search complete
regular expression
case sensitive
41 occurrences in 38 annotations in 106 files (7.264 seconds)
Nr File Tier Before Annotation After Parent Child Begin... End... Dura...
17 124 tx@unkno... na nafsan ipak 00:17... 00:1... 00:0...
18 124 tx@unkno... ne nafsan skei 00:18... 00:1... 00:0...
19 124 mr@unkn... na nafsan i= 00:17... 00:1... 00:0...
20 124 mr@unkn... ne nafsan skei 00:18... 00:1... 00:0...
21 124.wordtimes tx@unkno... na nafsan ipak 00:18... 00:1... 00:0...
22 124.wordtimes tx@unkno... ne nafsan skei 00:18... 00:1... 00:0...
23 124.wordtimes mr@unkn... na nafsan i= 00:18... 00:1... 00:0...
24 124.wordtimes mr@unkn... ne nafsan skei 00:18... 00:1... 00:0...
25 NT1-004-004A Tier-0 A yu wantem... Ale, ok selwan kin nkas ilaotu, Rusos... 00:08... 00:0... 00:0...
26 NT1-004-004A Tier-0 Tafra, akam... Naik seserik ru mai fam pan pan Yufala... 00:21... 00:2... 00:0...
27 NT1-004-004A Tier-0 Yes, yu want... Wan taem, mi mi stap long Or ka f... 00:24... 00:2... 00:0...
28 NT1-004-004A Tier-0 Maarik go mt... Mtulep itapes mau me ipnut to. Faat... 00:28... 00:2... 00:0...
29 NT1-004-004A Tier-0 ina ito kai wi... Nafsan matu ni tiaui. Itok kai wes Mai nai... 00:28... 00:2... 00:0...
30 NT1-004-004B Tier-0 Selwan ratori... Me itap metpaakor nafsan nig Itok rik... 00:13... 00:1... 00:0...
31 NT1-004-004B Tier-0 [esan... Nlaken wak ikano tae nafsan nen Inrog t... 00:18... 00:1... 00:0...
32 NT1-004-004B Tier-0 Go naot nig... Namba 27, aliat fraide, go nafsan Namba... 00:33... 00:3... 00:0...
33 NT1-005-005A Tier-0 Utu Tangoa,... Disemba namba 2, Efil, aliat tap, NT: Be... 00:10... 00:1... 00:0...
34 NT1-005-005A Tier-0 Tafra ruk fam... Selwan Paser Kalagis inrog Atae... 00:17... 00:1... 00:0...
35 NT1-005-005A Tier-0 Selwan Pase... Atae nag kefo nrik mam ki naṕet Itili nag... 00:17... 00:1... 00:0...
36 NT1-005-005A Tier-0 Amurin nag k... Go malfanen kafotli aflatilsaki me Selwa... 00:31... 00:3... 00:0...
37 NT1-005-005A Tier-0 13 secs N: Me itap metpaakor nafsan nig K: read... 00:43... 00:4... 00:0...
38 NT1-005-005A Tier-0 igat defren... K) Yu save igat defren, wanem NT: Ku... 00:45... 00:4... 00:0...
00:21:44.840
00:21:43.000
00:21:52.000
00:21:53.000
Tier-0
[236]

Quick segmentation



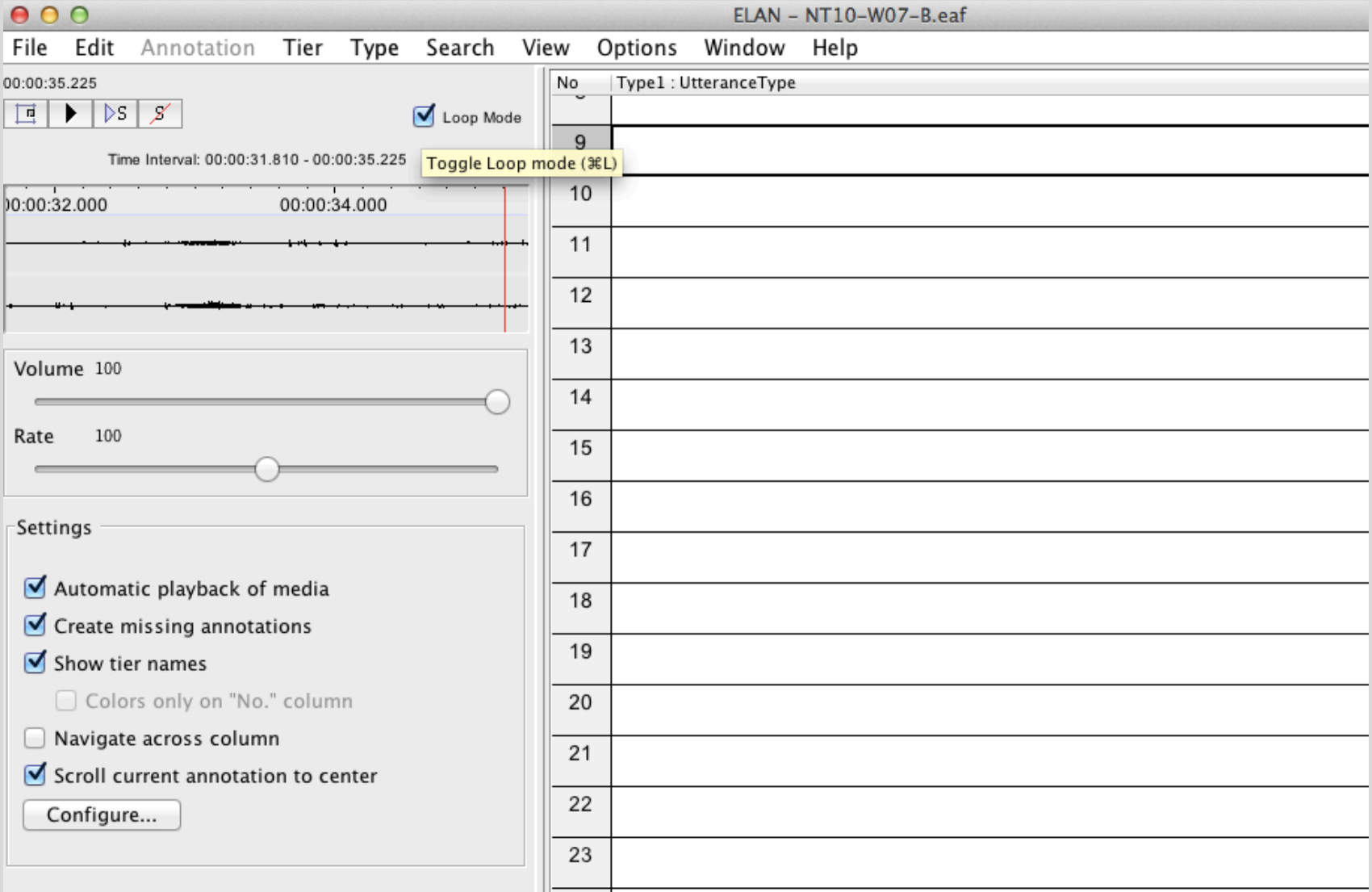
Quick segmentation



Quick segmentation

- This results in an Elan file that has chunks or segments ready to be typed into
- Saves lots of time
- Set ‘loop’ then enter transcript

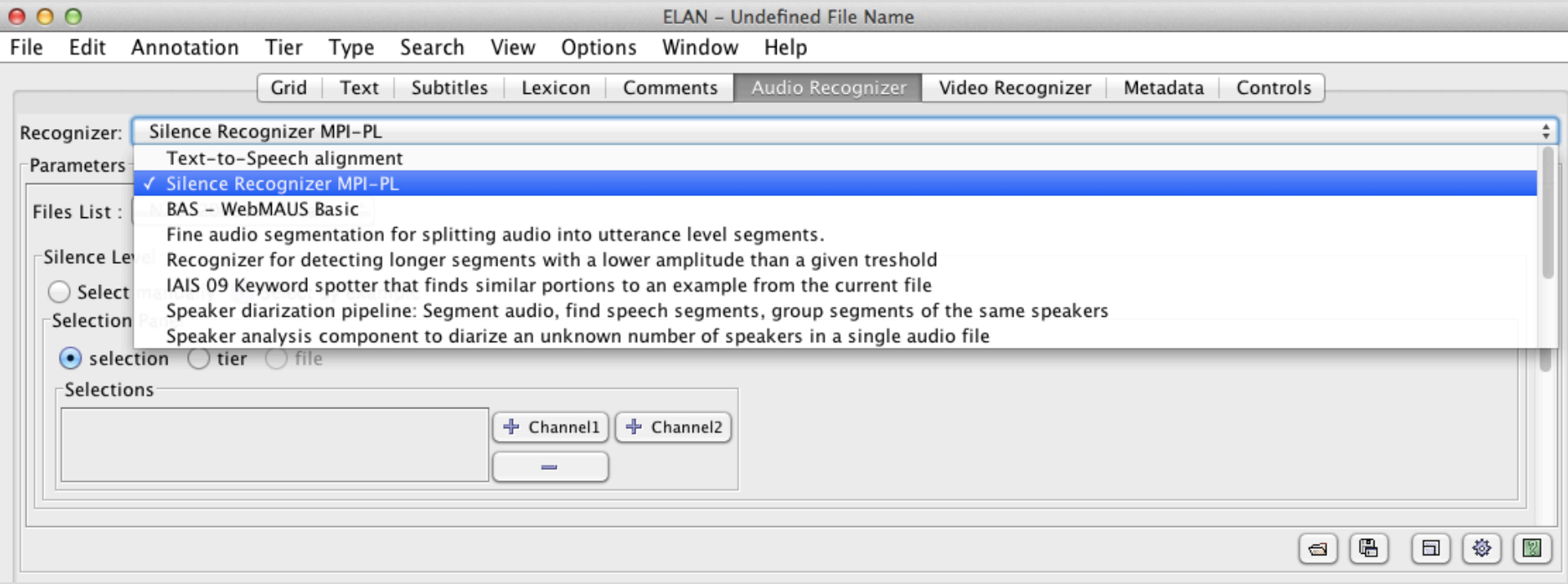
Transcription mode



Audio recognizer

Silence Analyzer

- Chunks the media according to ‘silence’
- You can determine what silence is and how long it should be



Elan sources of information

- “Using Elan” (Albert Bickford)
- Elan Manual (Birgit Hellwig et al)
- Andrea Berez’s course on Elan
- Elan mailing list
- CoLang courses