

## ELAN 2.3 Available

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ELAN 2.3 has been available since November 2004. The main new features, improvements and bug fixes are:

- Search functionality is improved and extended: continued search on previous results, export of results, saving and restoring of queries and search across all tiers are now possible.
- Regular expression search on annotation documents in a "basket" of local folders.
- Further improvements in media playback on Macintosh.
- For experimental use it is now possible to annotate 2D regions of a video signal. Since this is implemented on the basis of Quicktime, the price paid is that it is not possible to use native media playback at the same time.
- Shoebox/Toolbox import is substantially improved: users can define and reuse their own marker or tier setups (as alternative for using a Shoebox "typ" file), Toolbox import is supported, including (interlinearized) Unicode encoded fields, users can define their own participant markers and exclude markers from import.
- PRAAT connection: when a wave file is opened in ELAN, PRAAT can be opened from the Signal Viewer, viewing either the whole media file or just the current selection in ELAN.
- Undo is implemented for all edit actions where an annotation, tier, type or controlled vocabulary is modified. Also 'clear selection' can be undone. ELAN currently remembers the last 10 commands.

- Built-in tokenizer: it is now possible to automatically generate new annotations for every token in the annotation of some source tier. Any tier can be used as a source tier, and time subdivision tiers or symbolic subdivision tiers can be used as a target. This can be used, for example, to decompose utterances into individual words. Delimiters for tokens are user definable.
- A number of small additions and improvements.

The most important bug fixes for this release are:

- A number of bugs concerning the manipulation of complex graphs of alignable, or sometimes unaligned, annotations are fixed.
- The Annotation Density Viewer now also shows annotations for long media files correctly.
- Input methods on the Macintosh are now available.

We intend to make localized versions of ELAN available for English, Dutch, German, Swedish, Spanish, and Catalan at the end of 2004.