

## **ELAN Audio Playback**

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Previous versions of the ELAN multimedia annotation tool had some issues regarding the timing accuracy of audio playback. Researchers from the Radboud University N megen have evaluated the accuracy of the latest Windows release of ELAN (v. 2.3) in comparison to PRAAT (<http://www.praat.org>), taking PRAAT as the reference. A detailed description of ELAN media rendering issues will appear on the MPI web site (<http://www.mpi.nl/tools/>) at the end of December 2004; however the main points regarding audio rendering in the Windows version are as follows:

- If there is only MPEG1 media data available, no more than frame accurate audio playback can be expected.
- If there is also separate WAV media data available, the same accuracy as PRAAT is possible.

When a new annotation is made, the user has to define a list of media files that will be annotated. These media files can be one or two MPEG videos and/or a WAV file. The first media file in the list is the so-called Master Media. In order to achieve the PRAAT accuracy, one has to assign the WAV file as the Master Media.