Previous versions of the ELAN multimedia annotation tool had some issues regarding the timing accuracy of audio playback. Researchers from the Radboud University Nijmegen 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.