

**Prepare4Presentation\_0\_0\_0.praat****Task:**

Script to prepares all audio files in a directory for presentations (e.g., with PowerPoint or Keynote) and creates new files with the string “\_presentation” added to the original file name. The script removes DC-offsets and scales all recordings to maximal amplitude. It also adds a faint noise at the beginning and end of the audio files. This is done because some audio-systems need a few milliseconds to ‘wake-up’ and/or shut-down after a presentation; the faint noise ensures that the audio system is up-and-running when the ‘real’ audio starts. The duration for the faint noise is set to 100 ms, but can be changed inside the script (see parameters on next page).

**Parameter:**

Run script: Prepare4Process parameters:

Leave the directory path empty if you want to use the current directory.

directory:

What is the extension of the files you want to prepare?

Extension:

Crop to zero-crossings?

☒ Crop to zero crossings

Standards Cancel Apply OK

Directory path

Sound file name extension

Crop to zero crossings

**Directory path:**

The script handles all sound files in a directory. The path of this directory can be specified in this field. If this field is left empty, the script will handle all sound files in the directory, where the script was started (i.e., the script is placed in the same directory as the sound files).

**Sound file name extension:**

The extension of sound file names to be processed (case sensitive). Note that the output files are always in 16-bit .wav format.

**Crop to zero crossings:**

The first and last zero-crossing is used to define the beginning and end of the signal. In case the signal begins/ends already at a zero-crossing, the next adjacent crossing will be used.

**Current version and date:**

0.0.0, 25-oct-2022

**Information for programming:**

Some parameters can be set underneath the ‘form’ section in the script. These are:

**feedback:**

1: The script reports every file it is handling and the percentage of all files handled.

0: The script reports only the number of files when it has finished.

**scale:**

Maximal peak level of the output; set to 0.99

**noise\_length:**

Length of the noise in seconds; set to 0.1

**noise\_amp:**

Amplitude of the noise in praat’s scale; set to 0.01

**presentation\$:**

String added to the output file name; set to "\_presentation"

**Known problems:**

None

**Planned extension:**

Speed up processing by generating noises only once (if possible).

**Contact:**

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