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###  save-small-files.praat
###
### Saves little sound files from one big sound file.
###
### Opens a soundfile as a LongSound object and reads in its associated TextGrid file.
###
### Extracts the portion of the sound file corresponding to all non-empty intervals on a
specified tier,
### with an optional buffer on each end.
###
### Saves each extracted portion to a .wav file named:
### (<prefix><interval label>_<time_value>(<suffix>).wav
###
### NB: The time value (in seconds to two decimal places) of the beginning of the segment
### in the original sound file is included in the file name.
###
### This disambiguates between two tokens of the same word and also allows one to find the
word
### in the longer sound file, if need be.
###
### Creates and saves a (optionally labelled) TextGrid file for each word.
###
### Creates a text file named:
### <original long sound file name>_list.txt
### that contains a list of all the .wav files created. Useful for keeping track of what
came from where.
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###
### Praat 4.3.29
###
### Pauline Welby  welby@icp.inpg.fr
### October 28, 2004
###
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```
# form that asks user for the directories containing file to be worked on,
# and for other information
```

```
form Input directory name with final slash
```

```
comment Enter parent directory where sound file is kept:
sentence soundDir C:\Users\idarcy\Desktop\Praat_Data\Chisato
comment Enter directory where TextGrid file is kept:
sentence textDir C:\Users\idarcy\Desktop\Praat_Data\Chisato
comment Enter directory to which created sound files should be saved:
sentence outDir C:\Users\idarcy\Desktop\Praat_Data\Chisato
comment Specify tier name:
sentence tierName words
comment Specify length of left and right buffer (in seconds):
positive margin 0.0000005
comment Optional prefix:
sentence prefix
comment Optional suffix (.wav will be added anyway):
sentence suffix
comment Append time point?
boolean append_time no
comment Enter basename of soundfile (without .wav extension)
sentence baseFile saakuru
```

This is the path where you have your wav file and the TextGrid saved

This tells Praat to save the small files once cut into the same folder

This is how your Tier in the TextGrid is named.

this is the name of your wav file

```
endform
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```
# delete any existing record file
filedelete 'outDir$'\baseFile$_list.txt
```

```
numberOfFiles = 1
```

```
for ifile to numberOfFiles
  # Read in the Sound and TextGrid files
  Read from file... C:\Users\idarcy\Desktop\Praat_Data\Chisato\saakuru.TextGrid
  Read from file... 'textDir$\'baseFile$.TextGrid
  Open long sound file... 'soundDir$\'baseFile$.wav

  # Go through tiers and extract info

  select TextGrid 'baseFile$'

  nTiers = Get number of tiers
  for i from 1 to 'nTiers'
    tname$ = Get tier name... 'i'

    if tname$ = "'tierName$'"

    # Find non-empty intervals

    nInterv = Get number of intervals... 'i'
    for j from 1 to 'nInterv'
      lab$ = Get label of interval... 'i' 'j'
      if lab$ != ""

        # Get time values for start and end of the interval

        begwd = Get starting point... 'i' 'j'
        endwd = Get end point... 'i' 'j'

        # Add buffers, if specified

        begfile = 'begwd'-'margin'
        endfile = 'endwd'+'margin'

        # Create and save small .wav file

        select LongSound 'baseFile$'

        Extract part... 'begfile' 'endfile' yes

        if append_time = 1

          Write to WAV file... 'outDir$\'prefix$''lab$'-'begwd:2''suffix$'.wav

        else

          Write to WAV file... 'outDir$\'prefix$''lab$''suffix$'.wav

        endif

        # Write label of each saved interval to a text file (keeps a record of origin of
        # small soundfiles)

        fileappend 'outDir$\'baseFile$_list.txt 'prefix$''lab$'_'begwd:1''suffix$'.wav '
        newline$'

        ## Object cleanup
        select Sound 'baseFile$'
        Remove

        ## Re-select TextGrid
        select TextGrid 'baseFile$'

      endif
    endfor
  endfor
```

This is the path for  
your TextGrid

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```
endfor

# Complete object cleanup
select TextGrid 'baseFile$'
plus LongSound 'baseFile$'
Remove

select TextGrid 'baseFile$'
Remove
##### END OF SCRIPT #####
```