

TgToolkit manual

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1 Introduction

This plug-in focuses on TextGrid object. It is a tool for processing many annotation files at once. Use this plug-in to create, modify or query your annotation files. Some additional features allows you summarize your transcriptions.

2 How to install

To install the plug-in, (1) download the project folder from the Links section and unzip it. Then, (2) find the *Praat Preference* folder. This comes by default when you use Praat for the first time. Depending on you operating system, these could be the locations:

- In Linux, go to `/home/username/.praat-dir`
- In Mac, go to `/Users/username/Library/Preferences/PraatPrefs/`
- In Windows, go to `C:\Users\username\Praat`

Now, (3) drop the project folder inside the Preferences folder. Finally, (4) open Praat. In the fixed menu, you should have **Praat>Goodies>tgToolkit** as in Figure 2¹.

3 Getting started

The *tgToolkit* menu is composed of several commands. They are divided in four main categories: create, modify, query and corpus. In the next sections, we will take a look at each one of them.

3.1 Create

3.1.1 Sound to TextGrid...

This command is based on [Sound: To TextGrid...](#) It creates and saves a TextGrid file for every audio file in a directory. If a TextGrid already exists for an audio file, this command will skip that case.

¹If Praat was opened at the time you installed the plug-in, you will not see any change. So, close and open it again.

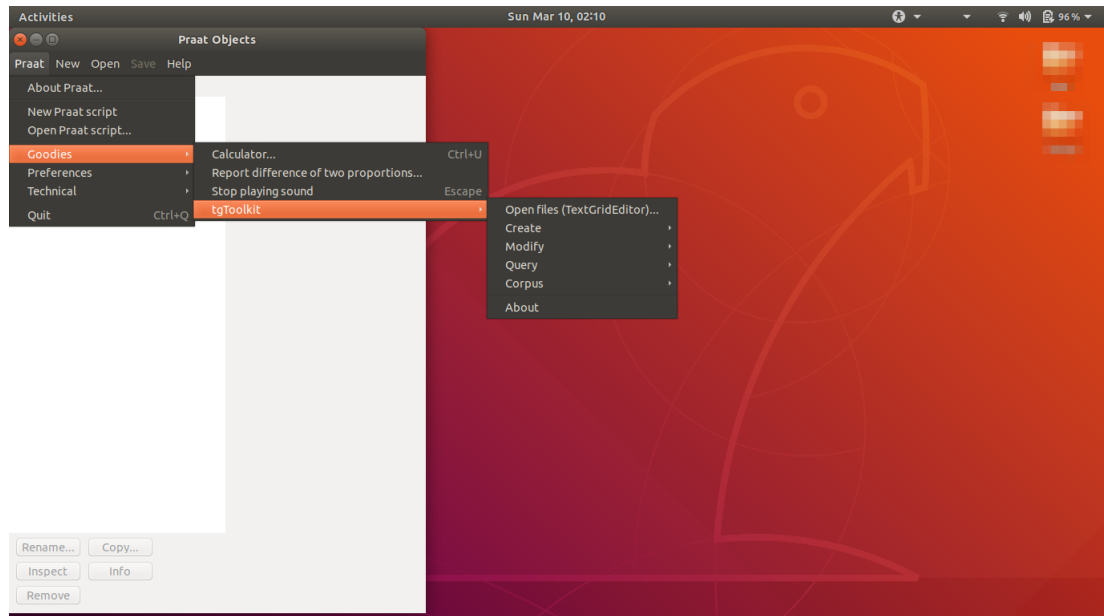


Figure 1: tgToolkit menu

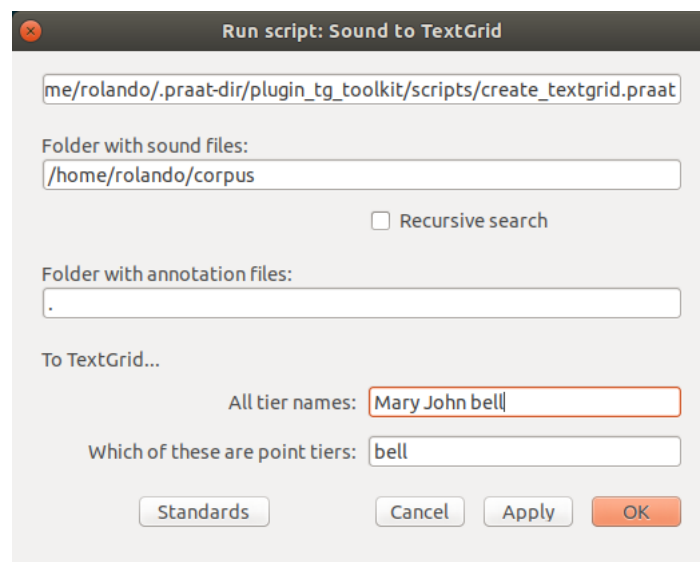


Figure 2: Sound to TextGrid

Run script: Sound to TextGrid (silences)

do/.praat-dir/plugin_tg_toolkit/scripts/create_textgrid_silences.praat

Folder with sound files:
/home/rolando/corpus

☐ Recursive search

Folder with annotation files:
.

To TextGrid (silences)...

Parameters for the intensity analysis

Minimum pitch (Hz): 100

Time step (s): 0.0

Silent intervals detection

Silence threshold (dB): -25.0

Minimum silent interval duration (s): 0.1

Minimum sounding interval duration (s): 0.1

Silent interval label: silent

Sounding interval label: sounding

Standards Cancel Apply OK

Figure 3: Sound to TextGrid (silences)...

3.1.2 Sound to TextGrid (silences)...

This command is based on [Sound: To TextGrid \(silences\)...](#) It creates and saves a TextGrid file for every audio file in a directory. If a TextGrid already exists for an audio file, this command will skip that case.

3.2 Modify

3.3 Query

3.3.1 Get info from annotation files

Report TextGrid templates

3.3.2 Find annotation files with

3.3.3 Report duration

3.4 Corpus