TgToolkit manual

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1 Introduction

This plug-in focuses on TextGrid object. It is a tool for processing many annotation files in one step. Use this plug-in to create, modify, query or clean your annotation files.

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 2[1].

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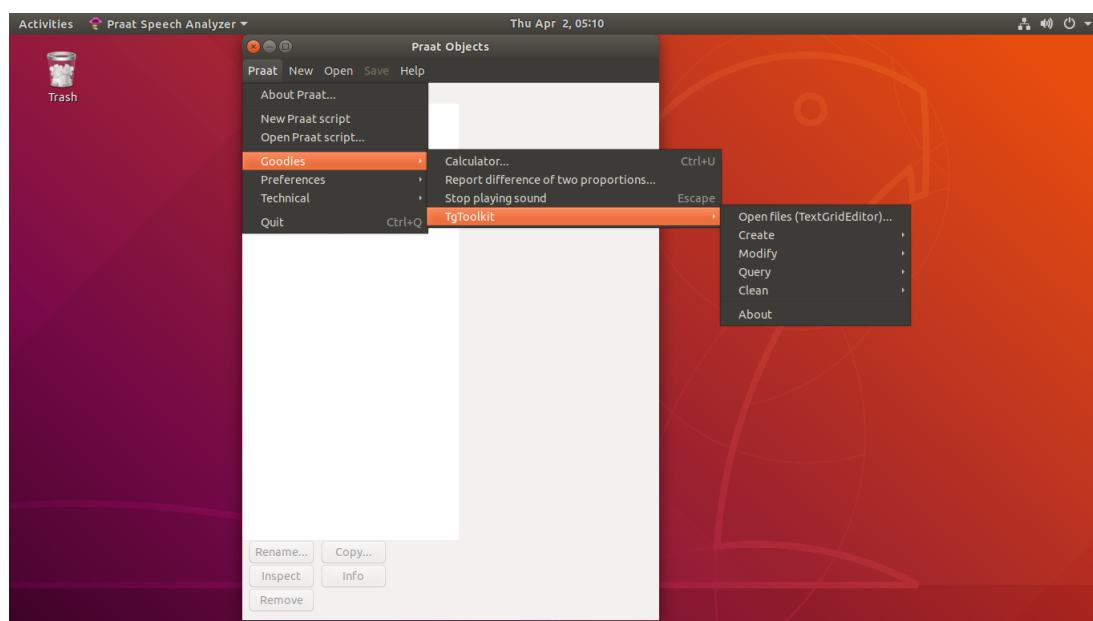
Figure 1: tgToolkit menu

3   Getting started

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

3.1   Create

These commands take all the sound files stored in a directory and creates their
corresponding TextGrid files. You can specify the place where to save your new
files.

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
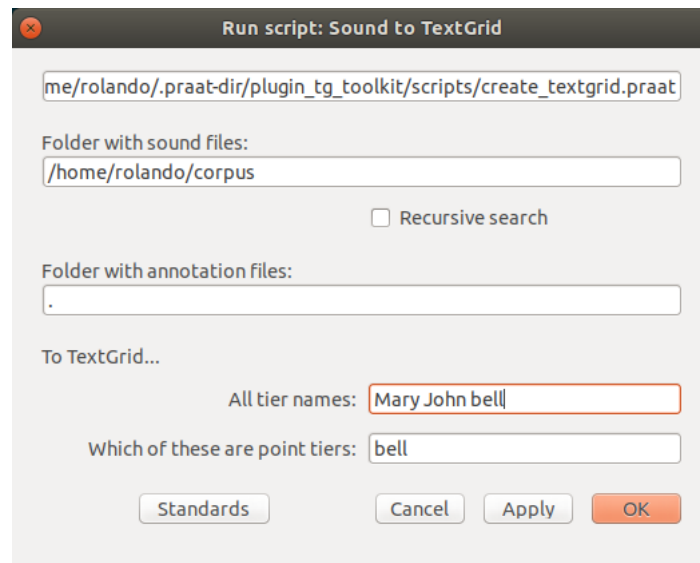for an audio file, this command will skip that case.

Figure 2: Sound to TextGrid

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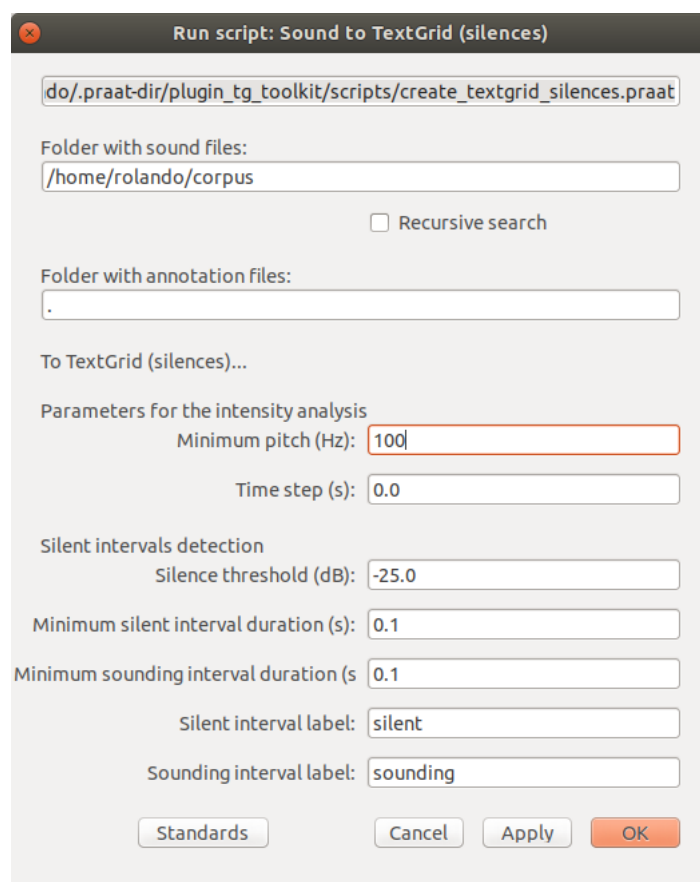
Figure 3: Sound to TextGrid (silences)...

3.2   Modify

This set of commands modify/rewrite the TextGrid files stored in a directory.

3.2.1   Convert

Use this command to convert backslash tripgraphs to Unicode and vice versa.

3.2.2   Insert tier (special)

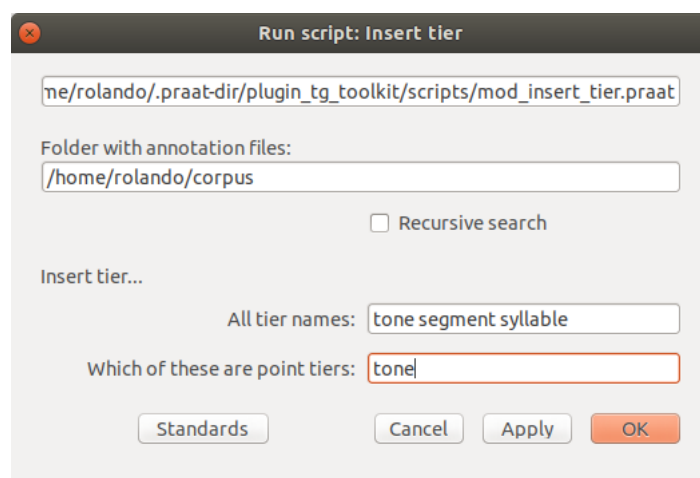Use this command to insert one or more tiers in a existing TextGrid file. You can also rearrange your TextGrid tiers.

Figure 4: Insert tier...

Insert one or more tiers Enter the name of the tiers that you want to insert in *All tier names*. Use blank spaces to separate between two or more tier levels. By default, this command insert only interval tiers. To insert a point tier, copy the name of the tier twice, one in *All tier names* field and the other in *Which of these are point tiers*. If a tier already exists in a TextGrid file, it will not be inserted.

Any new tier will be positioned at the top of the TextGrid layout by default. You can change this behavior and insert a new tier just below an existing tier. Include the name of that existing tier at the beginning of the list in *All tier names*. By doing so, the command will first search for the position of the existing tier. Then, it will place the other tiers just below it.

Rearrange tiers You can also use the *Insert tier* command to rearrange all the existing tiers in a TextGrid. Go to *All tier names* and write a list of the existing tiers in the order you want to obtained. Then, run the command. If any TextGrid layout have a different order than in the tier list, it will be rearranged.

3.2.3 Duplicate tier

This command is based on *TextGrid: Duplicate tier...*.

3.2.4 Remove tier

3.2.5 Set tier

3.2.6 Replace text

3.2.7 Replace text (dictionary)

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 Clean

When working with annotation files, it gets easy to make mistakes. Some mistakes are related to