

# 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 2<sup>1</sup>.

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

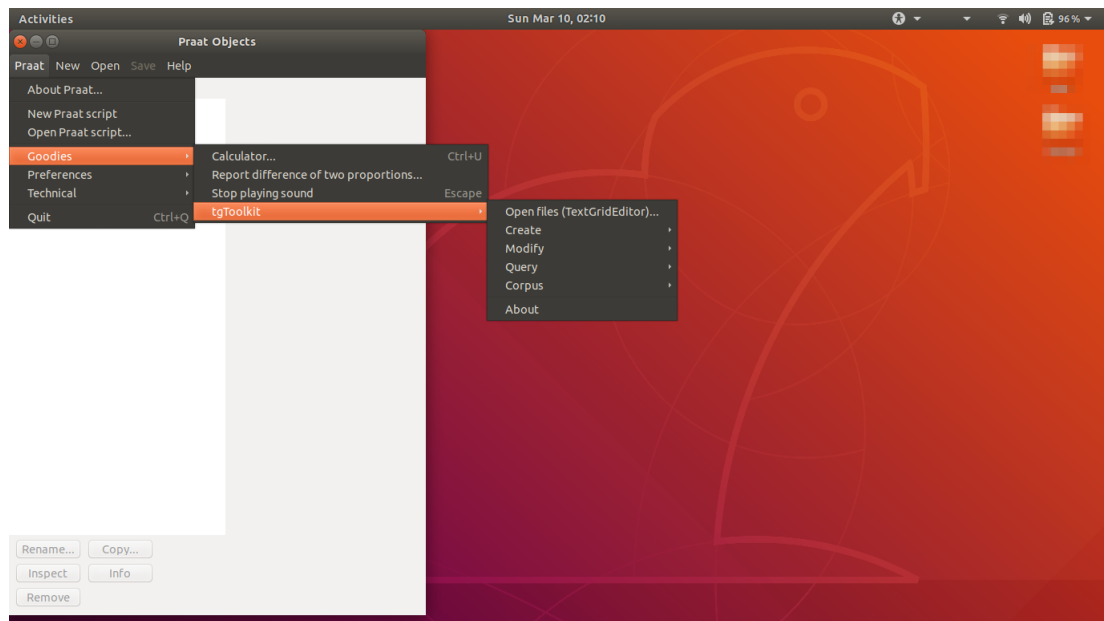


Figure 1: tgToolkit menu

## 3 Getting started

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

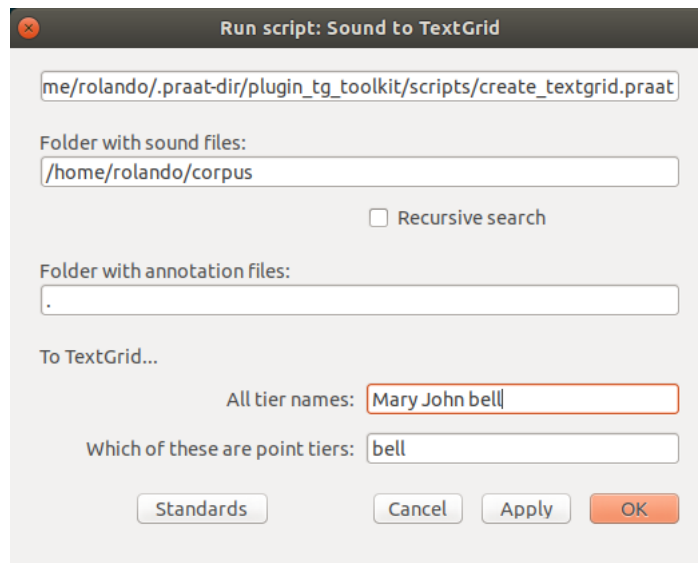


Figure 2: Sound to TextGrid

### 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.

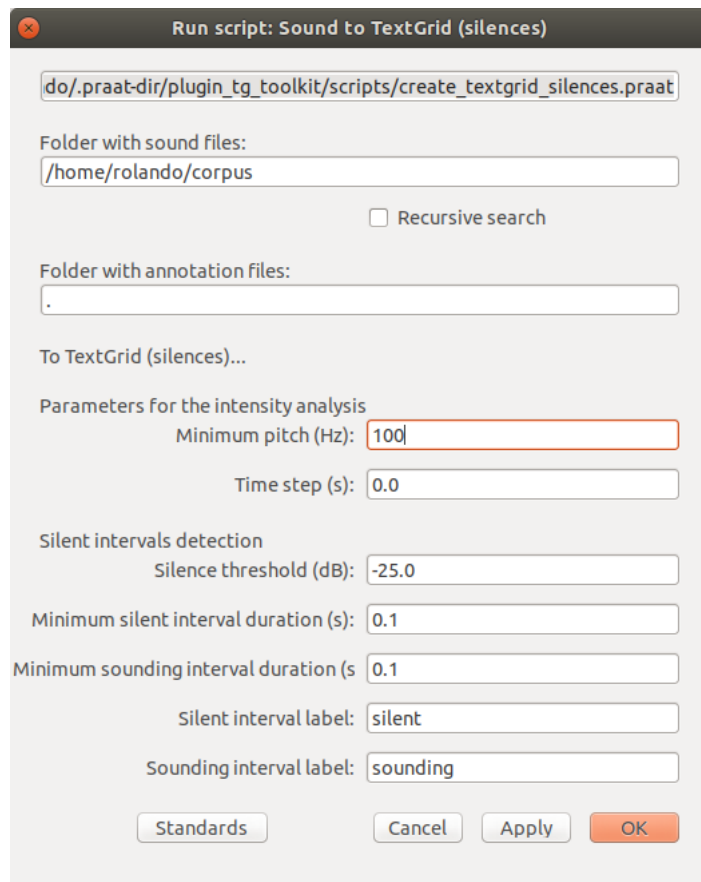


Figure 3: Sound to TextGrid (silences)...

## 3.2 Modify

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

### 3.2.1 Insert tier

Use this command to insert one or more tiers in a existing TextGrid file. Additionally, use it to rearrange your TextGrid tiers.

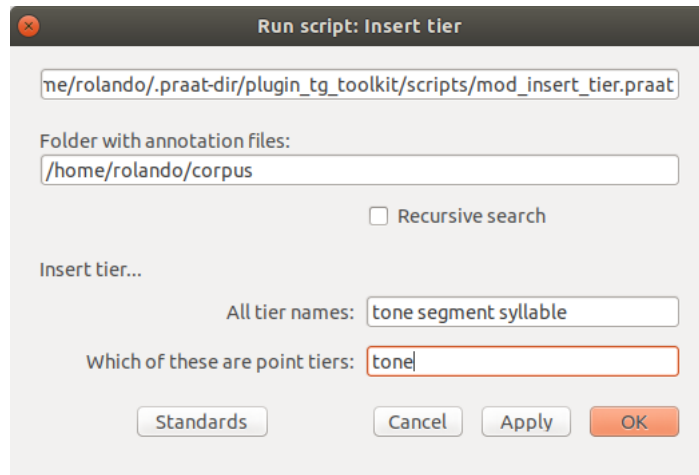


Figure 4: Insert tier...

**Insert one or more tier** 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 other in *Which of these are point tiers*.

The tiers will be positioned at the top of the TextGrid layout by default. You can also insert a list of tiers 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.

### 3.2.2 Duplicate tier

## 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