

Read me

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Note that the plugin folder is NOT the main zipped folder called *Momel-INTSINT*, *Miscellaneous* or *ProZed*. The plugin itself is called:

plugin_momel-intsint

plugin_miscellaneous

or **plugin_prozed**

Notice that you ***never need to open the plugin folder.***

Each plugin folder should be placed directly inside your **Praat Preference** folder.

Depending on which system you use, this will be:

MacOSX:	/Users/USERNAME/Library/Preferences/Praat Prefs
Unix:	USERNAME/.praat-dir
Windows:	C:\Documents and Settings\USERNAME\Praat
Windows 7:	C:\Users\USERNAME\Praat

This is the folder where you will also find two files called *Buttons5* (or *buttons5* or *Buttons5.ini*) and *Prefs5* (or *prefs5* or *Preferences5.ini*)

The different plugins add the following functions to Praat:

• **plugin_momel-intsint**

• **with a single sound file in the Praat Objects window** you can:

[select Sound] **To Pitch (auto max/min)...** : calculate f0 for the Sound with optimised max/min f0 (optionally with expanded pitch range)

[select Pitch] **Detect Momel targets...** : calculate Momel anchor points for a selected **Pitch** object

[select Sound and Momel PitchTier]: **Draw sound with Momel...** : draw a Sound with f0, Momel anchors and interpolated quadratic spline function

[select Momel PitchTier]: **Code targets with INTSINT...** : calculate the optimised INTSINT coding for the anchor points.

• **with a corpus of sound files** you can:

- **Create recording directories...** : create individual recording folders for each sound file in a corpus directory

- **Detect f0...** : calculate f0 with optimised max/min f0 for each recording folder in the corpus directory

- **Calculate Momel...** : calculate Momel anchor points for each recording folder

- **Calculate INTSINT...** : convert Momel anchors to INTSINT labels for each recording folder

Note: The function converting Momel anchors to INTSINT labels requires Perl which can be downloaded from:

<http://www.activestate.com/downloads>

• **for a single recording folder** you can:

- edit and correct Momel anchors - compare resynthesised versions using Momel anchors or Momel anchors recalculated from the Intsint coding

• **plugin_miscellaneous**

adds the following functions to Praat:

- *Print object...*: allows you to print to the Info window a Strings, Table, TableOfReal or Matrix (or part of one).
- *Print Textgrid...*: allows you to print a TextGrid (or part of one) to the Info window
- *Modify tiers...*: allows you to create a new TextGrid from an old with a selection of tiers in a specified order
- *Realign tier...*: you can define one tier as a master and one as dependent. Each boundary on the dependent tier will be realigned with the closest boundary on the master tier.
- *Remove all objects...*: allows you to remove all the objects in the Object window
- *Convert transcription...*: allows you to convert transcriptions between the SAMPA annotation, the Praat codings of the International Phonetic Alphabet and Unicode symbols, in any direction

• **plugin_prozed**

adds the following functions to Praat:

- **ProZed example** - Load an example Sound and TextGrid (first sentence of passage O0 from Eurom1-EN, passage t01 in OMProDat) together with a TextGrid annotated for tone, rhythm and intonation.

Available languages are:

- EN (English)
- EF (English by French speaker) EP (by Persian speaker) EZ (by Chinese speaker)
- FR (French)
- ZH (Chinese)

- **Display prosody...** [select 1 Sound, 1 TextGrid and optionally 1 PitchTier]: Display the pitch and rhythm of a sound using the OMe (octave median) scale for pitch with circles representing the duration mean pitch of each unit (eg syllables) and a Momel curve superimposed.

- **Clone prosody** – [select 2 Sounds, 2 TextGrids and 2 PitchTiers (with Momel anchor points)]: Transfer the relative syllable duration and the relative pitch from the first Sound to the second.

- **ProZed Melody...** [select 1 TextGrid and 1 Sound]: Code the intonation pattern by INTSINT symbols on the Intonation Tier and the Tonal Tier. The pitch of the Momel anchor points generated is determined by the parameters *key* and *span* which can optionally be redefined for each Intonation unit.

The timing of the anchor points generated can be adjusted by using dummy points (coded [-]) for which no anchor points are generated but which affect the timing of the other anchors.

- **ProZed Rhythm...** [1 TextGrid and 1 Sound]: Modify the duration of intervals on the Rhythm tier to correspond to the sum of the mean duration of each phoneme of the unit, adjusted by a *tempo* parameter. Dummy phonemes coded [+] can be used to add 50 ms to the units. The Sound can be resynthesised with these values. An error tier records the differences between the original rhythm units and the resynthesised ones.