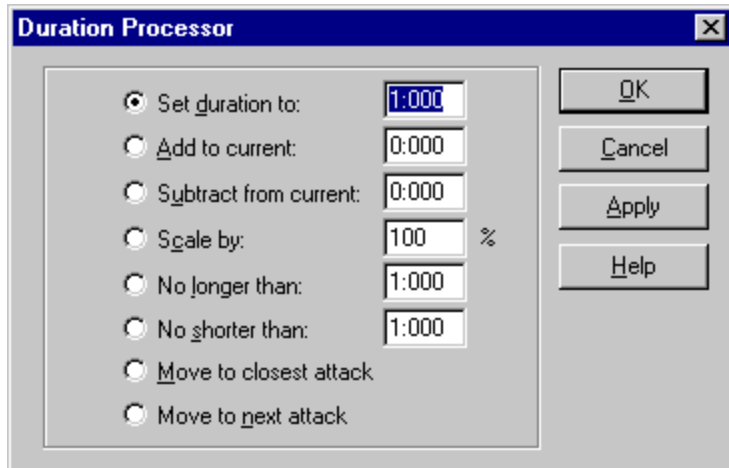# Duration Processor

The Duration Editor lets you modify the duration of all selected notes in a track in eight different ways, making it an ideal tool for this type of global editing. In each instance, only the length of the note is changed, all other aspects of the note including its start time are left untouched.

To edit note durations, you will use the following dialog:

First select one of the eight processing options available then, if required, specify a duration value or offset using the "beat:tick" format except in the 'Scale by' function where note length is determined by a ratio (> 100% and < 100% produce longer and shorter notes respectively).

The processing types are:

Set duration to: this option forces all notes to take on the same duration. Enter the new note duration in "beat:tick" format. This will give your music a "sequenced" feel where each note is of equal duration.

Add to current: offsets positively the current length of each note by the specified "beat:tick" amount. This can help you turn a stacatto passage into a legato passage.

Subtract from current: offsets negatively the current length of each note by the specified "beat:tick" amount. This can help you turn a legato passage into a staccato passage.

Scale by: multiplies the current note duration by a given ratio. For example, choosing a 50% ratio will halve the duration of each selected note for a more staccato-like effect.

No longer than: limits the length that a note can be. Notes longer than the entered "beat:tick" value will be forced to take on the new setting.

No shorter than: guarantees a minimum duration for each selected note. Notes shorter than the entered "beat:tick" value will automatically be lengthened to match the setting.

Move to closest attack: adjusts the duration of each selected note so that it ends where the closest note starts. This may push the note's end time either forward or backward in time

Move to next attack: adjusts the duration of each selected note so that it ends where the next note starts. This may push the note's end time either forward or backward in time.

Apply activates the current settings without you having to choose OK and close the dialog. This should prove invaluable for those among you who want immediate feedback while tweaking parameters in real time.

Note: no MIDI data is removed by this processor