MPL QuantizeTool 2.0

1. About

MPL QuantizeTool is a Lua script for REAPER.
It allows to manage various DAW objects manipulation/creating.

2. Requiments

REAPER 5.95 and upper (reaper.fm)
Installation from ReaPack (reapack.com)
SWS Extension 2.9.7 and upper (sws-extension.org)

3.Installation.

Make sure you are connected to the internet
Open REAPER
Open Action list
Run action: *ReaPack: Browse packages...*
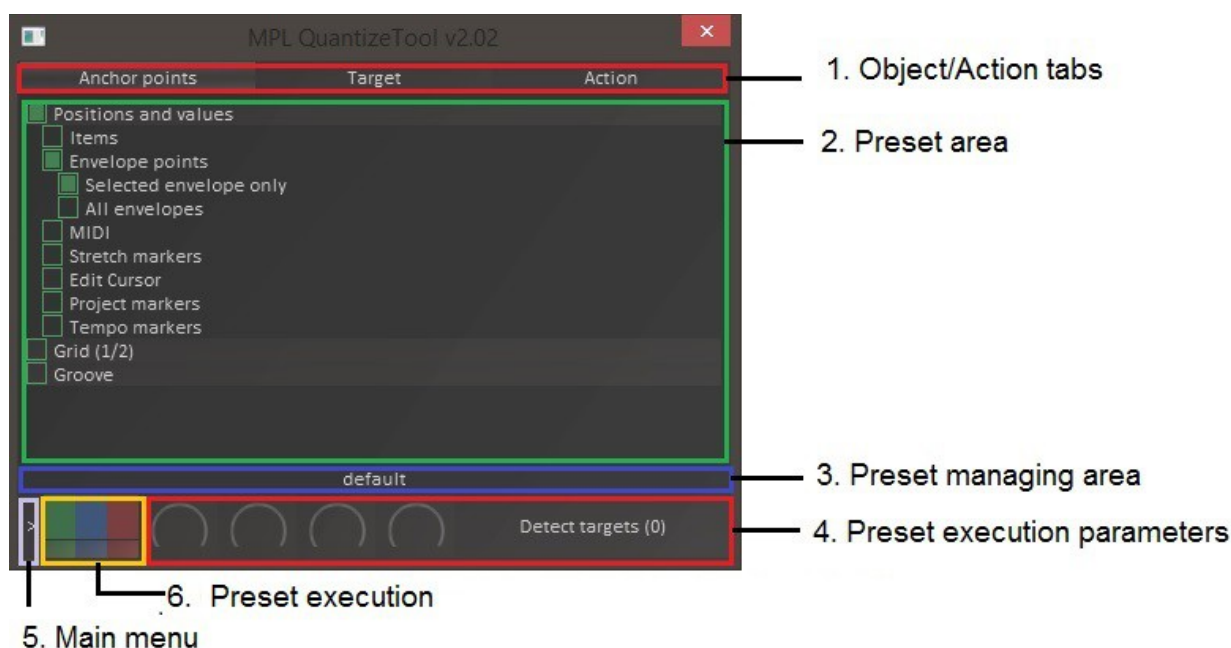Search for *QuantizeTool,* right click, *Install*
Search for *Various_functions,* right click, *Install*
Click *Apply/Ok*

4. Contact

http://forum.cockos.com/showthread.php?t=165672

5. GUI Overview

5.1   Object / Action tabs

Depending on current preset action (Action tab) you can change related various objects.

5.2   Preset area

Changing preset configuration. Mostly parameters are checks (fill/empty rectangles), but depending on tab there can be other controls.

5.3   Preset managing area

This line show current preset name. On click it shows preset manager menu.

5.4   Preset execution parameters

Depending on action in area there knobs allow to apply preset with specified parameters (strength, limits, areas to apply etc)

5.5   Main Menu

Menu is basic for most MPL`s scripts.

5.6   Preset execution

Area contains multiple buttons mostly for dealing with data in manual mode.

6. Manual executing preset.

1) Setup preset in area (5.2) for all tabs (5.1)
2) Select anchor points
3) In preset execution area (5.6) click on top green button
4) Optionally you can overview anchor points as markers by pressin bottom small green button in area 5.6
5) Select targets
6) In preset execution area (5.6) click on top blue button
7) Optionally you can overview anchor points as markers by pressin bottom small blue button in area 5.6
8) Calculate output values by pressing top red button in preset execution area (5.6)
9) Apply calculated positions/values to targets by moving related knob (for Position-based Alignment it is first and second knobs)

7. Running QuantizeTool with predefined preset.

    1) Setup preset in area (5.2) for all tabs (5.1)

    2) Go to preset manager (5.3)

    3) make sure you preset isn`t named as "default" and doesn`t contain any special characters, which is not possible to put into file name like ?\/|:"<>

    4) save preset to file and action list (5.3), it creates both preset file and additional lua script which says to QuantizeTool on next inititalization load this preset from external state

    5) make a Custom Action: a) set your QuantizeTool preset b) run QuantizeTool