

DAZE GRAFFITI

ALUAN WANG

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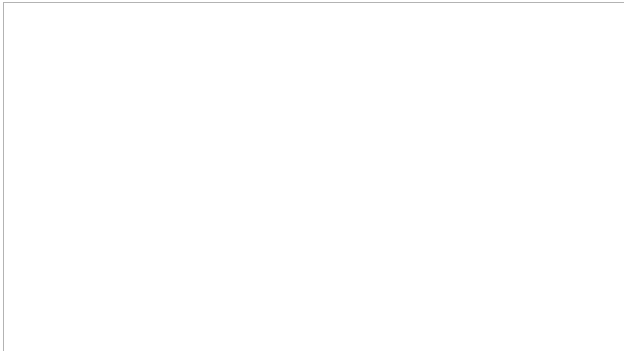
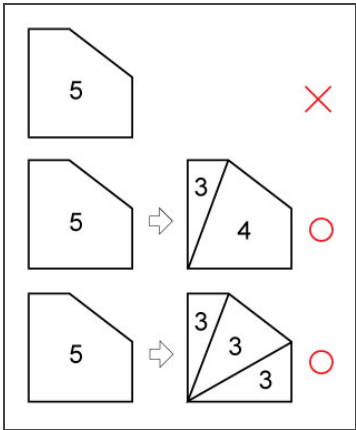
[Note -59] to send a message through the message object

[Notes -58] to send a message through the remote object

Monday, February 18, 2013

[Teaching] with the the opengl object reconstruction obj model

Pd-extended the default object [pix_model], even though it can load the OBJ file, but also can not control the position of each vector point, so I figured out a way through the rewrite. Obj files into txt in the contents of a text file convert [qlist] able to read format, will be able to save the model information into an array of Pd, then just use [GEMglVertex3fv] object re-draw the model can be. And because the position of each point is stored through the array, so it can freely change the shape of the model. **Steps:** First sketchup create a 3d model of particular note is that each face can only use four or three points. (So if pentagon, it cut into a trilateral type and a quadrilateral) (cut into 3-4 or 3-3-3 can)



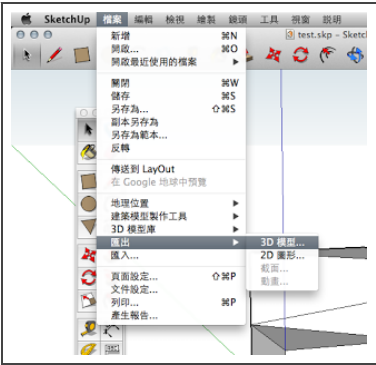
(Simple modeling process) (File> Export> 3D Model> select obj) (in the options bar, only need to check the switch YZ coordinates, and the units are set to meters.)

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Step two: change the file extension of the file [name.obj] [name.txt], and turn on the end of a few with the vi editor, the format of the amendment.



(1). Deleted files without description, such as this example appears
----- # Alias OBJ Model File # the Exported from SketchUp, (c) 2000-2006 Google, the Inc.. # File units = meters mtl:lib test.mtl the g Mesh1 the
Model usemtl FrontColor

Above messages are not required (2) open the terminal, enter the the vi .. path / filename. txt

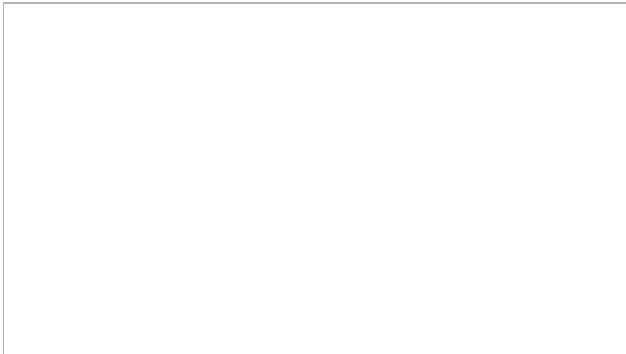
(3) increase in the end of each line ";" symbol input :% S / \$ / ; / g

(4) eliminate the "r" symbol, enter:% s / \ / \ / \ g

(5) archive leave,: wq

Roland specialized terminology dictionary
MIDI numbers and frequencies

Step three: Open the k_sketchup-help.pd file, select the target and click open button to load the file (in this case for the text.txt) and trigger the read button.



(Related objects [k_sketchup] operating a schematic, see the movie.) [Example Download](#)

Posted by: Wang Aluan the [afternoon 9:08](#) tags: [puredata](#) [tutorial](#)

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