Design document

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Vertexes

Vertex	x	У	Z
vb1	-0.2	0	0.2
vb2d	-0.2	0	-0.2
vb2	0.2	0	0.2
vb2d	0.2	0	-0.2
vb3	-0.2	1	0.2
vb3d	-0.2	1	-0.2
vb4	0.2	1	0.2
vb4d	0.2	1	-0.2
vb5	-0.6	1	0.2
vb5d	-0.6	1	-0.2
vb6	-0.6	1.4	0.2
vb6d	-0.6	1.4	-0.2
vb7	0.6	1.4	0.2
vb7d	0.6	1.4	-0.2
vb8	0.6	1	0.2
vb8d	0.6	1	-0.2

Object description

A lever handle that rotates and translates to simulate a pushing motion inside a cockpit.

The origin is made at the bottom to allow for appropriate rotations across the x axis.

NB: "d" stands for "in-depth" version of the vertex, i.e. has a negative Z component.

Faces

Face	Vertexes	
bottom left side	vb3d, vb1d, vb1, vb3	
top left side	vb6d, vb5d, vb5, vb6	
bottom right side	vb4d, vb4, vb2, vb2d	
top right side	vb8d, vb7d, vb7, vb8	
middle left bottom	vb5d, vb3d, vb3, vb5	
middle right bottom	vb8d, vb8, vb4, vb4d	
front	vb4, vb8, vb7, vb6, vb5, vb4, vb1, vb2	
behind	vb8d, vb7d, vb6d, vb5d, vb4d, vb1d, vb2d, vb4d	
ontop	vb7d, vb6d, vb6, vb7	
onbottom	vb2d, vb1d, vb1, vb2	

