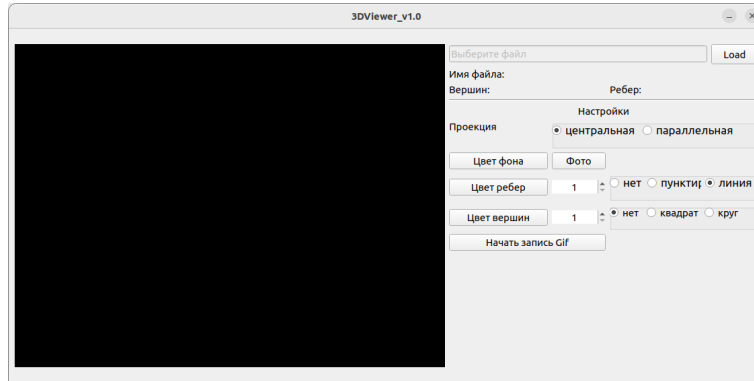


3dViewer User's Guide

*By Exeggutor
and
Joseth Denese*

A primitive 3dViewer that loads up some coordinates
and displays an object that user can view from different
angles.

1 Features & key interface elements



1. Left half of the app is taken by the 3d object render space
2. On the top of the right half there is a loading zone
3. In the middle there is an affine zone
4. At the bottom there is the adjustment & rendering zone

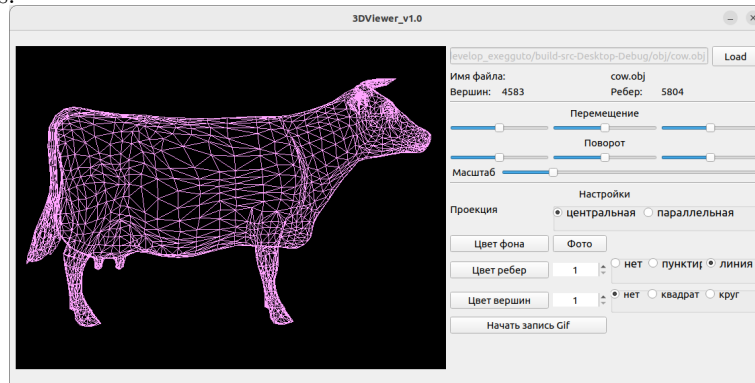
2 Detailed explanation

2.1 Render space

This is where you can see your loaded object and the results of your manipulations with it.

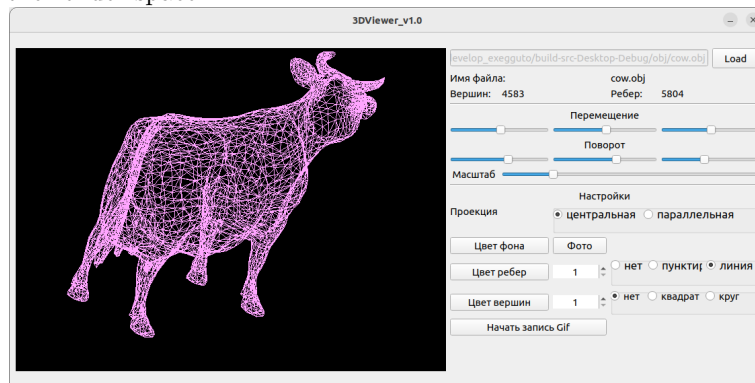
2.2 Loading zone

This is where you can load an *.obj* file by pressing the **Load** button and selecting the file in the opened window. If the file was successfully loaded, you'll be able to see file name, full file name and amount of nodes and edges the loaded object has.



2.3 Affine zone

This is where you can adjust the object position (translate, rotate and scale) by moving the corresponding sliders. Sliders are invisible until an *.obj* file has been successfully loaded. Moving any slider immediately re-renders the object on the render space.

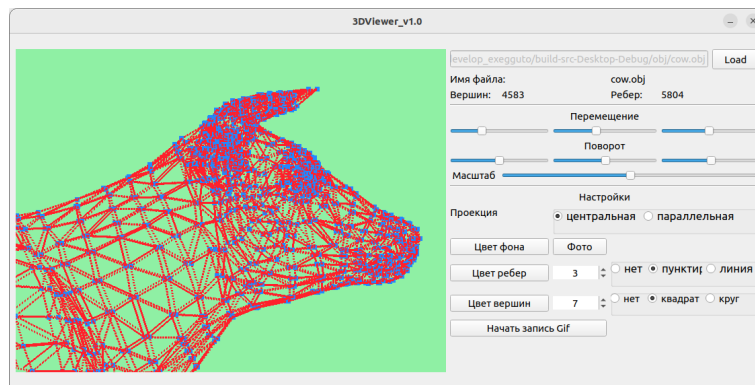


2.4 Adjustment & rendering zone

This is where the magic happens. You can instantly change the color of edges, nodes and background by pressing the corresponding button and then selecting the color you want in the opened window. The spinboxes in the second column adjust edges' width and nodes' radius.

There are 3 sets of radio buttons in here:

1. The one at the top to change the projection
2. The one in the middle to change the way edges are displayed
3. The one at the bottom to change the way nodes are displayed



There are also two more buttons:

1. To save currently displayed image in either *.jpg* or *.bmp* format
2. To capture next 5 seconds of the image (feel free to manipulate it during this time) and render them into a *.gif* image

3 Conclusion

Well, this about sums it all up. If you actually managed to read through all of this nonsense all the way down here, we wish you all the best and hope you have an above-average day.