

Backlog - voxelizer-desktop

Table of Contents

Dark mode	2
Desktop application	2
Exporting support	2
Importing support	2
Shell or solid option	2
Coloring option	2
Clipping	2
Resolution	3
Logo	3
Automatic updates	3
Voxelization	3
Language	3

Dark mode

DONE

As a user, I want the application to honor my computer's dark mode setting.

Desktop application

DONE

As a user, I want to be able to be able to run the program as a desktop application, so that it I easy to conduct voxelization of 3D models.

Exporting support

DONE

As a user, I want to be able to export the vowelized result to a file. The file type should be of one of the types supported by the voxelizer library.

Importing support

DONE

As a user, I want to be able to import 3D models of various file formats.

The 3D model file formats that should be supported are the ones which three.js supports.

Acceptance Criteria:

File formats:

- OBJ
- STL
- glTF

Shell or solid option

DONE

As a user, I want to be able to toggle between doing a shell or filled voxelization.

Coloring option

DONE

As a user, I want to be able to toggle between whether or not to do color voxelization.

Clipping

TO DO

As a user, I want to be able to clip off parts of the model, so that it is easy to inspect the internals off the voxelized result.

Resolution

DONE

As a user, I want to be able to specify the resolution of the voxelization.

Logo

DONE

As a user, I want a logo for the application, so that I can easily find it among my other applications.

Automatic updates

DONE

As a user, I want that the application updates automatically when new releases are published. This way, time could be spent actually using the application, not maintaining it.

Voxelization

DONE

As a user, I want to be able to voxelize a 3D model easily with the help of the voxelizer library.

Language

DONE

As a user, I want the application to be displayed in my language, so that I can easily understand the content.