Requirements Specification (Jira)

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Revision: 07/May/20

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glTF file format import support `DONE`

STL file format import support `TO DO`

OBJ file format import support `TO DO`

File dropper `DONE`

Files should be possible to drop on the application in order to load them.

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 `TO DO`

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 `TO DO`

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.

Shell or solid option `TO DO`

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

Coloring option `TO DO`

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

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Clipping   `TO DO`

Resolution   `TO DO`

Logo   `TO DO`

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   `IN PROGRESS`

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.