meshlabserver

Command line interface for the MeshLab 3D mesh processing software.

- Convert an STL file to an OBJ file:

```
meshlabserver -i {{input.stl}} -o {{output.obj}}
```

- Convert a WRL file to a OFF file, including the vertex and face normals in the output mesh:

```
meshlabserver -i {{input.wrl}} -o {{output.off}} -om vn fn
```

- Dump a list of all the available processing filters into a file:

```
meshlabserver -d {{filename}}
```

- Process a 3D file using a filter script created in the MeshLab GUI (Filters > Show current filter script > Save Script):

```
meshlabserver -i {{input.ply}} -o {{output.ply}} -s {{filter_script.mlx}}
```

- Process a 3D file using a filter script, writing the output of the filters into a log file:

```
meshlabserver -i {{input.x3d}} -o {{output.x3d}} -s {{filter_script.mlx}} -l {{logfile}}
```