

Main.cpp

- Load input cmds and arguments
- Call converter methods

Converter.hpp

Converter.cpp

- Load input file .geo
- Process the transformation to periodic structure
- Save surface evolver .fe file
- Save surface evolver .cmd file

Converter_generator.cpp

- Generate structure according to -g cmd
- Generate gnuplot output file

Can generate:

Cubic structure
Hexagonal structure
Random strucure

Data structures

```
vector<Vertex> vertexListUnique;  
vector<Edge> edgeList;  
vector<Surface> surfaceList;  
vector<Volume> volumeList;  
vector<string> cmdFiles;
```

Structure.hpp

- Definition of used structures

Wrapping = connection of two vertices across the periodic boundary, mirror like

Vertex = contains only 3 coordinates

Edge = indices on vertices and contains wrapping

Surface = consists of vector of edges

Volume = consists of vector of surfaces