- OpenFOAM® gives users a lot of flexibility when it comes to meshing.
- You are not constrained to use OpenFOAM® meshing tools.
- To convert a mesh generated with a third party software to OpenFOAM®
 polyMesh format, you can use the OpenFOAM® mesh conversion utilities.
- If your format is not supported, you can write your own conversion tool.
- By the way, many of the commercially available meshers can save the mesh in OpenFOAM® **polyMesh** format or in a compatible format.

In the directory **\$FOAM_UTILITIES** (use the alias util to go there) you will find the following sub-directories containing the source code for the utilities available in the OpenFOAM® installation (version 3.0.x):

- mesh
- miscellaneous
- parallelProcessing
- postProcessing
- preProcessing
- surface
- thermophysical

In the sub-directory mesh you will find the source code for the mesh utilities included
in the OpenFOAM® installation.

- Let us visit the **mesh** directory. In the terminal type:
 - \$> util
 - \$> cd mesh
 - \$> ls -al
- In this directory you will find the directories containing the source code for the following mesh utilities
 - advanced
 - conversion
 - generation
 - Manipulation
- In the directory conversion you will find the source code for the mesh conversion utilities. Let us visit this directory, in the terminal type:
 - \$> cd conversion
 - \$> ls -al

- In the directory \$FOAM_UTILITIES/mesh/conversion you will find the following mesh conversion utilities:
 - ansysToFoam
 - cfx4ToFoam
 - datToFoam
 - fluent3DMeshToFoam
 - fluentMeshToFoam
 - foamMeshToFluent
 - foamToStarMesh
 - foamToSurface
 - gambitToFoam
 - gmshToFoam
 - ideasUnvToFoam

- kivaToFoam
- mshToFoam
- netgenNeutralToFoam
- Optional/ccm26ToFoam
- plot3dToFoam
- sammToFoam
- star3ToFoam
- star4ToFoam
- tetgenToFoam
- vtkUnstructuredToFoam
- writeMeshObj