

oomph::Mesh

```
classDiagram
    class oomph_Mesh
    class oomph_TetMeshBase
    class oomph_SimpleCubicTetMesh["oomph::SimpleCubicTetMesh< ELEMENT >"]
    oomph_SimpleCubicTetMesh --|> oomph_TetMeshBase
    oomph_TetMeshBase --|> oomph_Mesh
```

The diagram illustrates a three-level inheritance hierarchy. At the base is the class `oomph::SimpleCubicTetMesh< ELEMENT >`, represented by a solid rectangle. An upward-pointing arrow connects it to the middle class, `oomph::TetMeshBase`, also a solid rectangle. Another upward-pointing arrow connects `oomph::TetMeshBase` to the top class, `oomph::Mesh`, which is enclosed in a dashed rectangle. This indicates that `Mesh` is an abstract base class.

oomph::TetMeshBase

oomph::SimpleCubicTetMesh< ELEMENT >