

oomph::Mesh

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

The diagram illustrates a class hierarchy for mesh structures. At the top is the `oomph::Mesh` class, represented by a dashed rectangular box. Below it is the `oomph::TetMeshBase` class, shown as a solid rectangular box. At the bottom is the `oomph::SimpleCubicTetMesh< ELEMENT >` class, also a solid rectangular box. A vertical arrow points from the top of the `oomph::TetMeshBase` box to the bottom of the `oomph::Mesh` box, indicating that `oomph::TetMeshBase` inherits from `oomph::Mesh`. Another vertical arrow points from the top of the `oomph::SimpleCubicTetMesh< ELEMENT >` box to the bottom of the `oomph::TetMeshBase` box, indicating that `oomph::SimpleCubicTetMesh< ELEMENT >` inherits from `oomph::TetMeshBase`.

oomph::TetMeshBase

oomph::SimpleCubicTetMesh< ELEMENT >