```
oomph::Mesh
    |
oomph::SolidMesh
    |
    +---- oomph::CircularCylindricalShellMesh< ELEMENT >
    |
    +---- oomph::ElasticQuarterPipeMesh< ELEMENT >
    |
    +---- oomph::ElasticRectangularQuadMesh< ELEMENT >
    |
    +---- oomph::OneDLagrangianMesh< ELEMENT >
    |
    +---- oomph::PseudoElasticChannelWithLeafletMesh< ELEMENT >
    |
    +---- oomph::RefineableSolidBrickFromTetMesh< ELEMENT >
    |
    +---- oomph::RefineableSolidQuadFromTriangleMesh< ELEMENT >
    |
    +---- oomph::RefineableSolidThinLayerBrickOnTetMesh< ELEMENT >
    |
    +---- oomph::RefineableSolidTriangleMesh< ELEMENT >
    |
    +---- oomph::SolidBrickFromTetMesh< ELEMENT >
    |
    +---- oomph::SolidQuadFromTriangleMesh< ELEMENT >
    |
    +---- oomph::SolidTetgenMesh< ELEMENT >
    |
    +---- oomph::SolidThinLayerBrickOnTetMesh< ELEMENT >
    |
    +---- oomph::SolidTriangleMesh< ELEMENT >
    |
    +---- oomph::SolidXdaTetMesh< ELEMENT >
```