

oomph::Mesh

```
classDiagram
    class oomph_Mesh["oomph::Mesh"]
    class oomph_RectangleWithHoleAndAnnularRegionMesh["oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >"]
    class oomph_RefineableRectangleWithHoleAndAnnularRegionMesh["oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >"]
    oomph_Mesh <|-- oomph_RectangleWithHoleAndAnnularRegionMesh
    oomph_RectangleWithHoleAndAnnularRegionMesh <|-- oomph_RefineableRectangleWithHoleAndAnnularRegionMesh
```

The diagram illustrates a class hierarchy. At the top is the base class 'oomph::Mesh', which is enclosed in a dashed rectangular box. Below it is the class 'oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >', which is enclosed in a solid rectangular box. At the bottom is the class 'oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >', also enclosed in a solid rectangular box. A vertical arrow points from the bottom box to the middle box, and another vertical arrow points from the middle box to the top box, indicating that 'oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >' inherits from 'oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >', which in turn inherits from 'oomph::Mesh'.

oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >

oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >