

oomph::Mesh

```
classDiagram
    class 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 'oomph::Mesh' class, enclosed in a dashed rectangular box. Below it is the 'oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >' class, enclosed in a solid rectangular box. At the bottom is the 'oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >' class, also enclosed in a solid rectangular box. A vertical arrow points from the 'oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >' box up to the 'oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >' box. Another vertical arrow points from the 'oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >' box up to the 'oomph::Mesh' box, indicating that both the refined and standard mesh classes inherit from the base 'oomph::Mesh' class.

oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >

oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >