

oomph::Mesh

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

The diagram illustrates a class hierarchy for mesh structures. At the top is the base class `oomph::Mesh`, enclosed in a dashed rectangular box. Below it is the class `oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >`, which inherits from `oomph::Mesh` as indicated by a solid vertical arrow pointing upwards. At the bottom is the class `oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >`, which inherits from `oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >` as indicated by another solid vertical arrow pointing upwards.

oomph::RectangleWithHoleAndAnnularRegionMesh< ELEMENT >

oomph::RefineableRectangleWithHoleAndAnnularRegionMesh< ELEMENT >