```
                          QuadMeshBase
                              ↑
              oomph::SimpleRectangularQuadMesh< ELEMENT >
                              ↑
        oomph::CollapsibleChannelMesh< ELEMENT >        AlgebraicMesh
                              ↑                              ↑
              oomph::AlgebraicCollapsibleChannelMesh< ELEMENT >
                              ↑
        oomph::RefineableAlgebraicCollapsibleChannelMesh< ELEMENT >
```