```
oomph::DistributableLinearAlgebraObject
                    ↑
        oomph::Preconditioner
                    ↑
    oomph::BlockPreconditioner< MATRIX >
                    ↑
oomph::GeneralPurposeBlockPreconditioner< MATRIX >
                    ↑
 oomph::BlockDiagonalPreconditioner< MATRIX >
                    ↑
oomph::BlockAntiDiagonalPreconditioner< MATRIX >
```