

oomph::SamplePointContainerParameters

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classDiagram
    class oomph_SamplePointContainerParameters
    class oomph_BinArrayParameters
    class oomph_NonRefineableBinArrayParameters
    class oomph_RefineableBinArrayParameters

    oomph_NonRefineableBinArrayParameters --|> oomph_BinArrayParameters
    oomph_RefineableBinArrayParameters --|> oomph_BinArrayParameters
    oomph_BinArrayParameters --|> oomph_SamplePointContainerParameters
```

The diagram illustrates the inheritance hierarchy for oomph parameters. At the top is the base class, oomph::SamplePointContainerParameters, enclosed in a dashed box. Below it is the oomph::BinArrayParameters class, shown in a solid box. At the bottom are two subclasses: oomph::NonRefineableBinArrayParameters on the left and oomph::RefineableBinArrayParameters on the right, both in solid boxes. Arrows indicate the inheritance direction: from the two bottom classes up to oomph::BinArrayParameters, and from oomph::BinArrayParameters up to oomph::SamplePointContainerParameters.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters