

oomph::SamplePointContainerParameters

```
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 abstract class `oomph::SamplePointContainerParameters`, enclosed in a dashed box. Below it is the concrete class `oomph::BinArrayParameters`. At the bottom are two subclasses: `oomph::NonRefineableBinArrayParameters` on the left and `oomph::RefineableBinArrayParameters` on the right. Arrows indicate the inheritance direction from the subclasses up to their parents.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters