

oomph::SamplePointContainerParameters

```
classDiagram
    class oomph__SamplePointContainerParameters
    class oomph__BinArrayParameters
    class oomph__NonRefineableBinArrayParameters
    class oomph__RefineableBinArrayParameters
    oomph__BinArrayParameters --|> oomph__SamplePointContainerParameters
    oomph__NonRefineableBinArrayParameters --|> oomph__BinArrayParameters
    oomph__RefineableBinArrayParameters --|> oomph__BinArrayParameters
```

The diagram illustrates a class hierarchy for OOMP 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 inheritance: from `BinArrayParameters` to `SamplePointContainerParameters`, and from both `NonRefineableBinArrayParameters` and `RefineableBinArrayParameters` to `BinArrayParameters`.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters