

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 the two bottom classes to `oomph::BinArrayParameters`, and from `oomph::BinArrayParameters` to `oomph::SamplePointContainerParameters`.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters