

oomph::SamplePointContainerParameters

```
classDiagram
    class oomph_SamplePointContainerParameters["oomph::SamplePointContainerParameters"]
    class oomph_BinArrayParameters["oomph::BinArrayParameters"]
    class oomph_NonRefineableBinArrayParameters["oomph::NonRefineableBinArrayParameters"]
    class oomph_RefineableBinArrayParameters["oomph::RefineableBinArrayParameters"]
    oomph_SamplePointContainerParameters <|-- oomph_BinArrayParameters
    oomph_BinArrayParameters <|-- oomph_NonRefineableBinArrayParameters
    oomph_BinArrayParameters <|-- oomph_RefineableBinArrayParameters
```

The diagram illustrates the inheritance hierarchy of Oomph parameters. At the top is the abstract class `oomph::SamplePointContainerParameters`, which is 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 relationships: from the two bottom classes to `oomph::BinArrayParameters`, and from `oomph::BinArrayParameters` to `oomph::SamplePointContainerParameters`.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters