

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 base class, `oomph::SamplePointContainerParameters`, which is enclosed in a dashed rectangular box. Below it is the class `oomph::BinArrayParameters`, shown in a solid rectangular box. An upward-pointing arrow connects `oomph::BinArrayParameters` to `oomph::SamplePointContainerParameters`, indicating inheritance. At the bottom, there are two more classes: `oomph::NonRefineableBinArrayParameters` on the left and `oomph::RefineableBinArrayParameters` on the right, both in solid rectangular boxes. A horizontal line connects these two bottom classes, and a vertical line from the center of this horizontal line points upwards to the `oomph::BinArrayParameters` box, indicating that both are subclasses of `oomph::BinArrayParameters`.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters