

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. Upward-pointing arrows from both of these bottom classes converge on the oomph::BinArrayParameters box, indicating that both are subclasses of oomph::BinArrayParameters.

oomph::BinArrayParameters

oomph::NonRefineableBinArrayParameters

oomph::RefineableBinArrayParameters