

SamplePointContainer

```
classDiagram
    class RefineableBinArray
    class BinArray
    class SamplePointContainer
    RefineableBinArray --|> BinArray
    BinArray --|> SamplePointContainer
```

The diagram illustrates a class hierarchy with three classes: RefineableBinArray, BinArray, and SamplePointContainer. RefineableBinArray is the base class, indicated by a solid rectangular border. BinArray inherits from RefineableBinArray, shown by a dashed rectangular border and an upward-pointing arrow. SamplePointContainer inherits from BinArray, shown by a dashed rectangular border and an upward-pointing arrow.

BinArray

RefineableBinArray