

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, represented by a solid rectangle. BinArray is a subclass of RefineableBinArray, represented by a dashed rectangle, with an upward-pointing arrow indicating inheritance. SamplePointContainer is a subclass of BinArray, also represented by a dashed rectangle, with an upward-pointing arrow indicating inheritance.

BinArray

RefineableBinArray