

SamplePointContainer

```
classDiagram
    RefineableBinArray --> BinArray
    BinArray --> SamplePointContainer
```

The diagram illustrates a class hierarchy with three classes: RefineableBinArray, BinArray, and SamplePointContainer. RefineableBinArray is the base class at the bottom, enclosed in a solid black rectangle. BinArray is the middle class, enclosed in a dashed rectangle, with an upward-pointing arrow indicating inheritance from RefineableBinArray. SamplePointContainer is the top class, also enclosed in a dashed rectangle, with an upward-pointing arrow indicating inheritance from BinArray.

BinArray

RefineableBinArray