

filter_1::BaseFilter

```
classDiagram
    class filter_1_BaseFilter {
    }
    class CompressionFilter {
        + constructor()
        + sendMetadata()
        + receiveMetadata()
        + sendMessage()
        + receiveMessage()
    }
    filter_1_BaseFilter <|-- CompressionFilter
```

The diagram consists of two class boxes. The top box, labeled 'filter_1::BaseFilter', has three empty compartments. The bottom box, labeled 'CompressionFilter', has a title compartment, an empty compartment, and a third compartment containing five methods: '+ constructor()', '+ sendMetadata()', '+ receiveMetadata()', '+ sendMessage()', and '+ receiveMessage()'. A blue arrow with an open triangle head points from the bottom box to the top box, indicating inheritance.

CompressionFilter

+ constructor()
+ sendMetadata()
+ receiveMetadata()
+ sendMessage()
+ receiveMessage()