

MasterSamplerTopcXYZ  
::writeFlowObservablesToFile

SuperSampler::writeFlowObservables  
ToFile

Parallel::Communicator  
::reduceToTemporalDimension

```
graph LR; A["MasterSamplerTopcXYZ::writeFlowObservablesToFile"] --> C["Parallel::Communicator::reduceToTemporalDimension"]; B["SuperSampler::writeFlowObservablesToFile"] --> C;
```

The diagram illustrates a data flow or dependency. On the left, there are two rectangular boxes. The top box contains the text 'MasterSamplerTopcXYZ' followed by '::writeFlowObservablesToFile' on the next line. The bottom box contains 'SuperSampler::writeFlowObservables' followed by 'ToFile' on the next line. On the right, there is a single rectangular box with a gray background, containing 'Parallel::Communicator' followed by '::reduceToTemporalDimension' on the next line. Two blue arrows originate from the right side of the left boxes and point towards the left side of the gray box, indicating that both the top and bottom boxes are inputs or sources for the operation in the gray box.