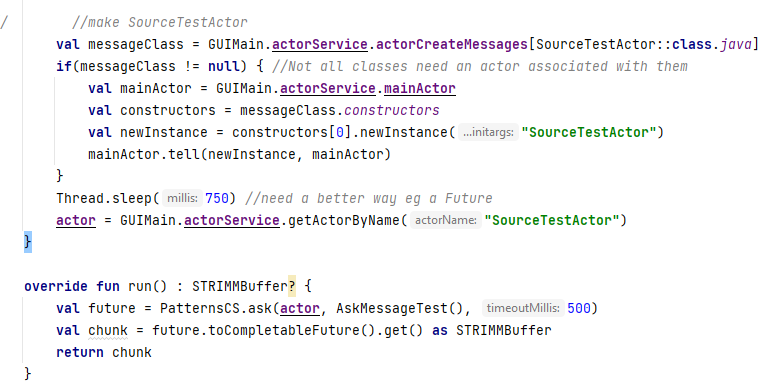
**Sentinels**

A Sentinel is an actor which is associated with a source/flow/sink. The sinks come with actors such as Camera Actor etc.

Within the ActorSourceTest sourceMethod,



In the init() a SourceTestActor is made. The run function will be called regularly and the result is that the AskMessageTest will be sent to the actor, it will process it and return it – it will be carrying the sample.

This could be an image from a microscope or data from a microcontroller etc.

This can be seen in the SourceTestActor:

Text

Description automatically generated with medium confidence

The same approach us used for the Flow sentinel. The sentinel will only return when it has processed the request. This could be looking up something in a database – and therefore resulted in changes in experimentStream to account for this, in particular using completableFutures.