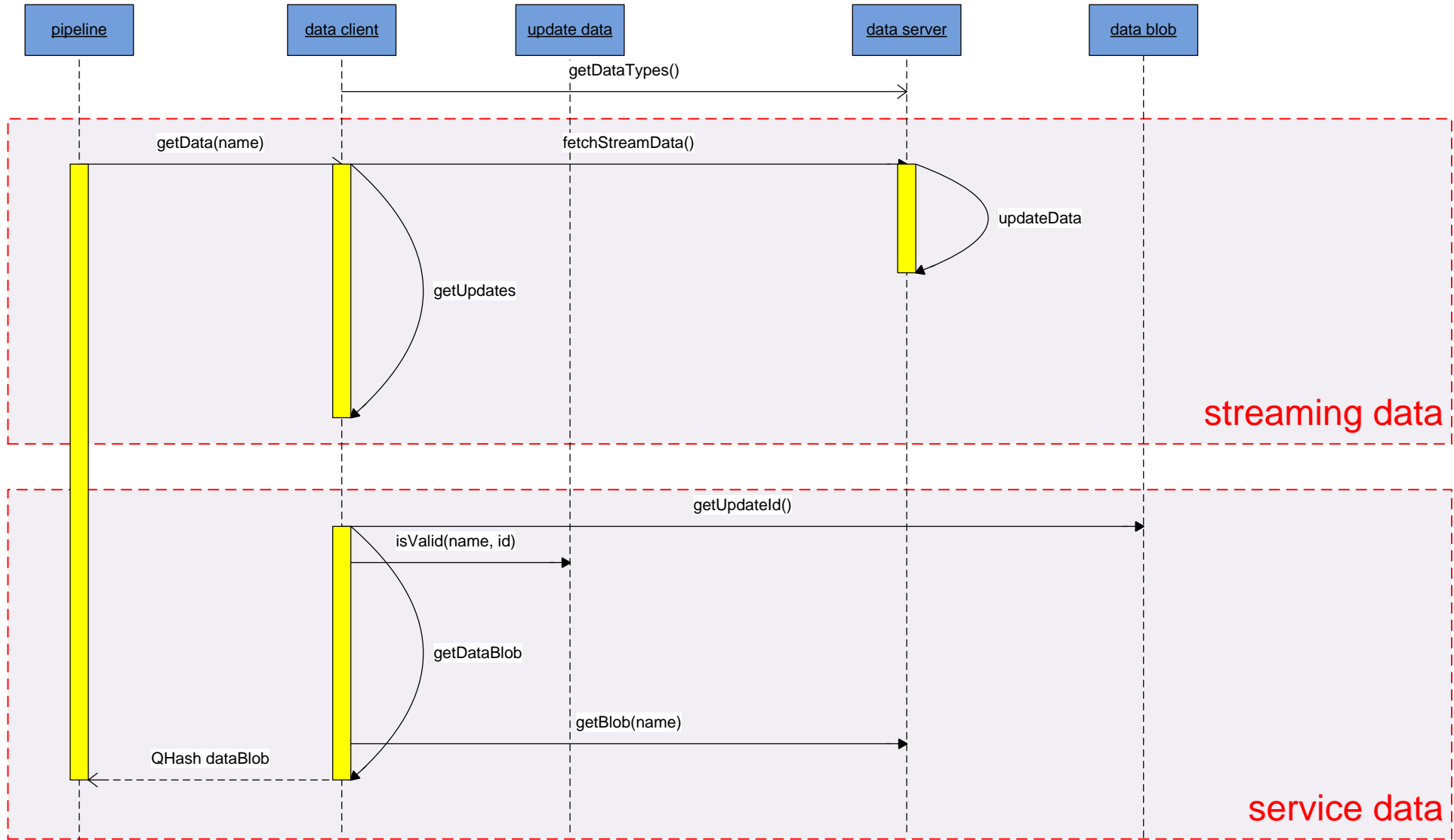
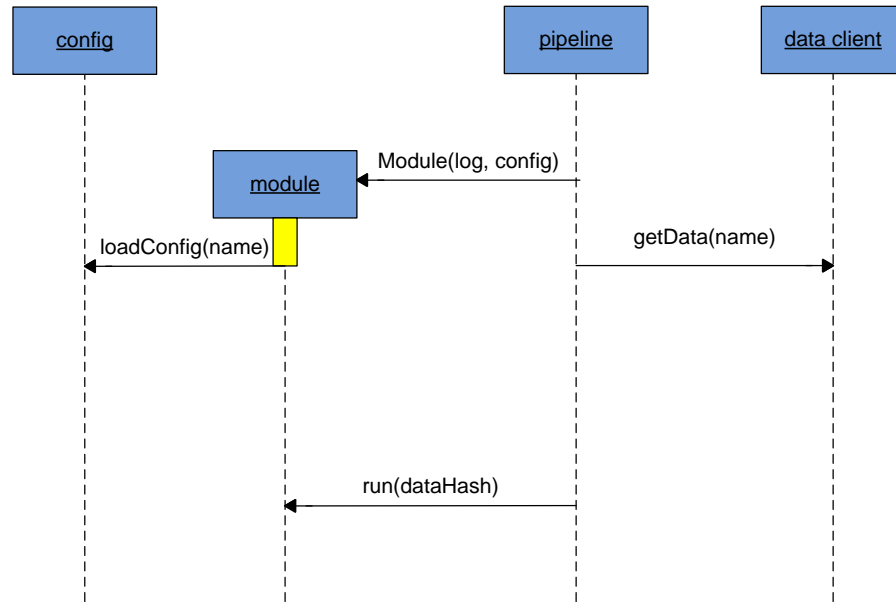


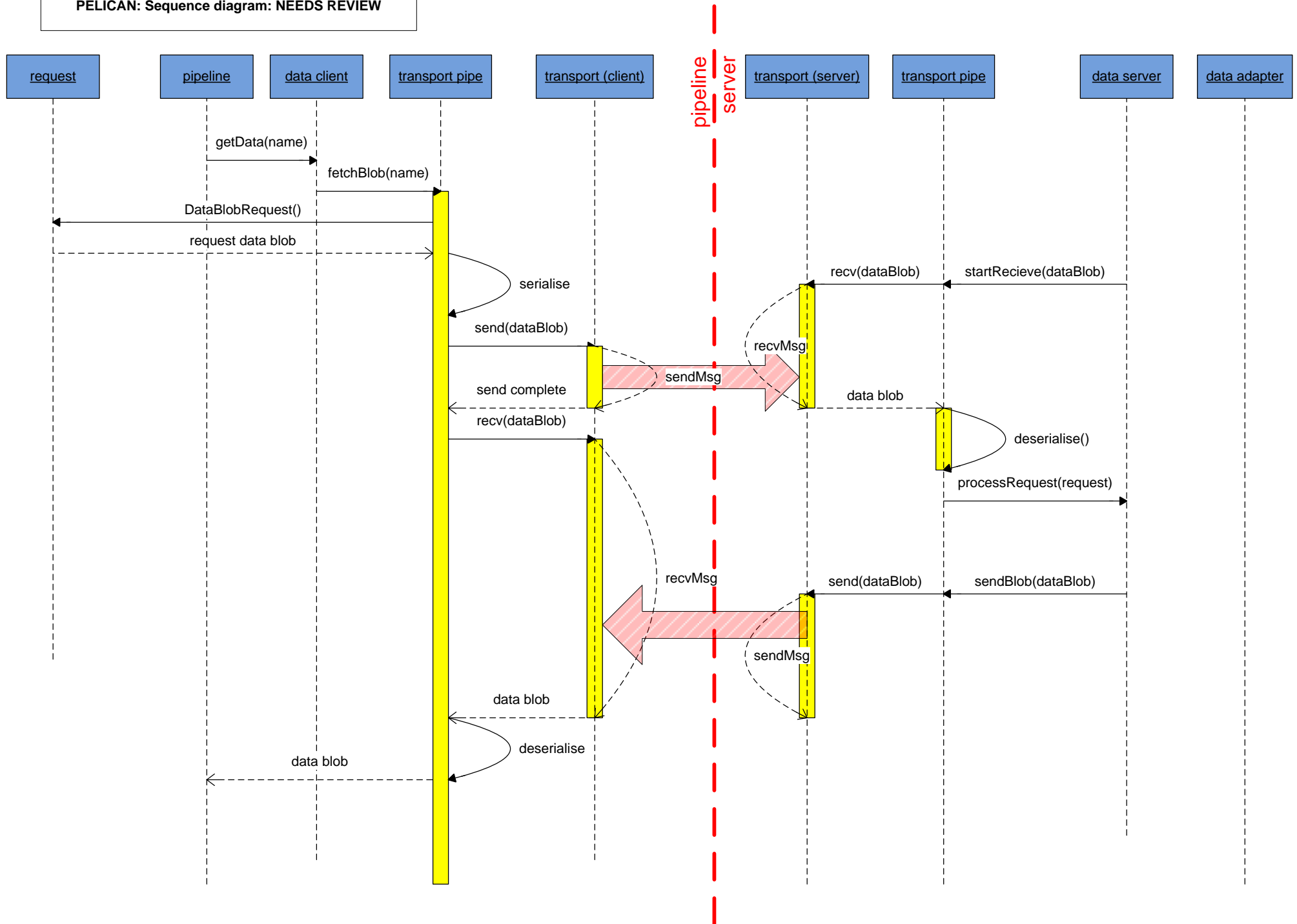
PELICAN: Sequence diagram: Pipeline asking for data -> data client getting data streaming data from the data server, and updating required service data



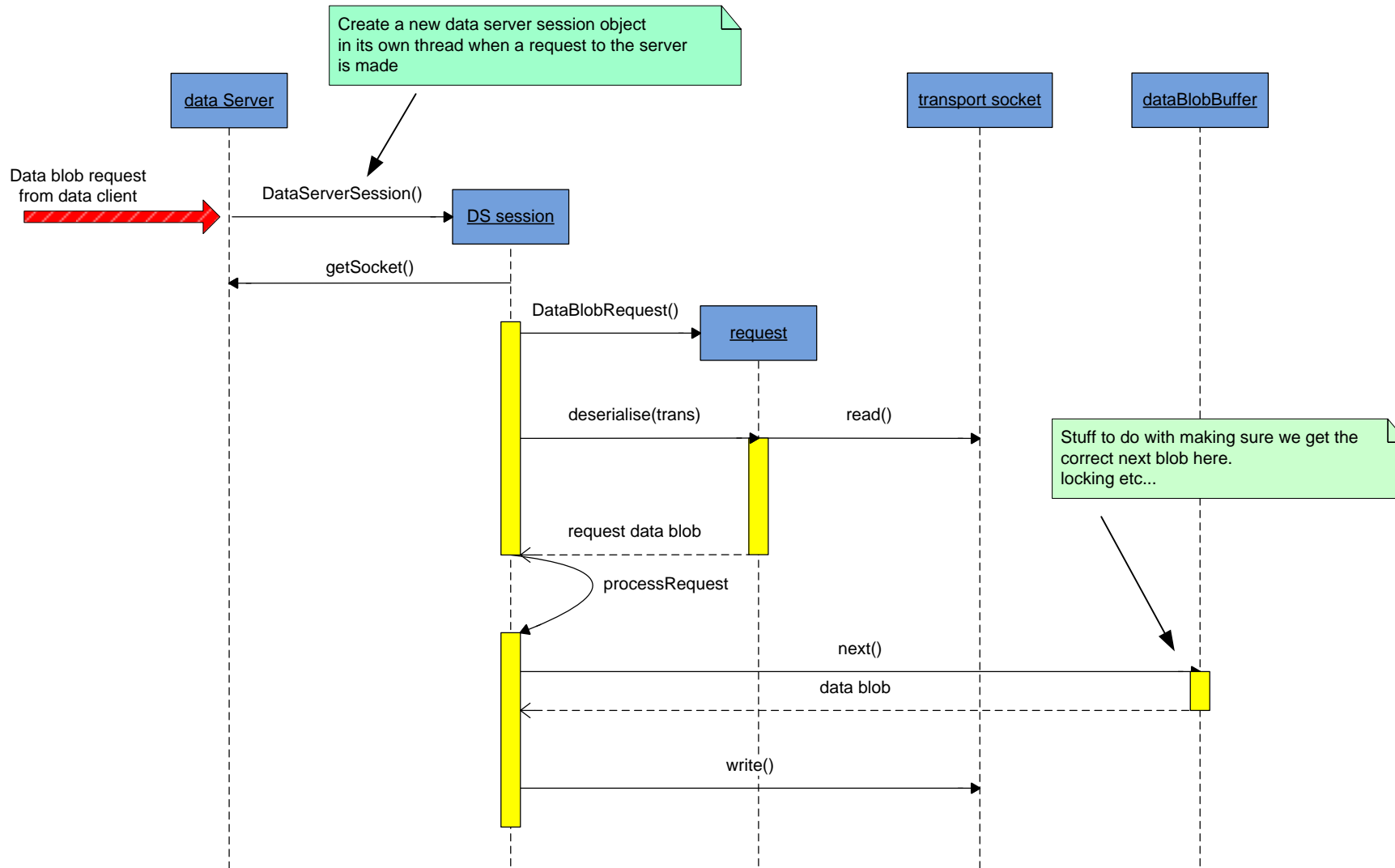
PELICAN: Sequence diagram: Pipeline creating a module, running the module and getting data from the data client



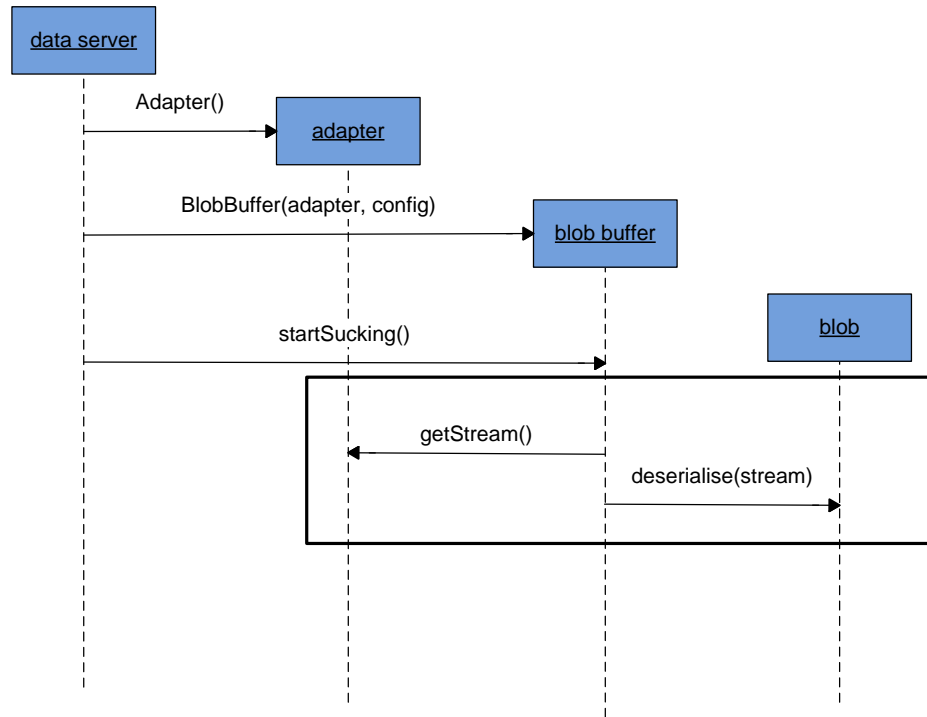
PELICAN: Sequence diagram: NEEDS REVIEW



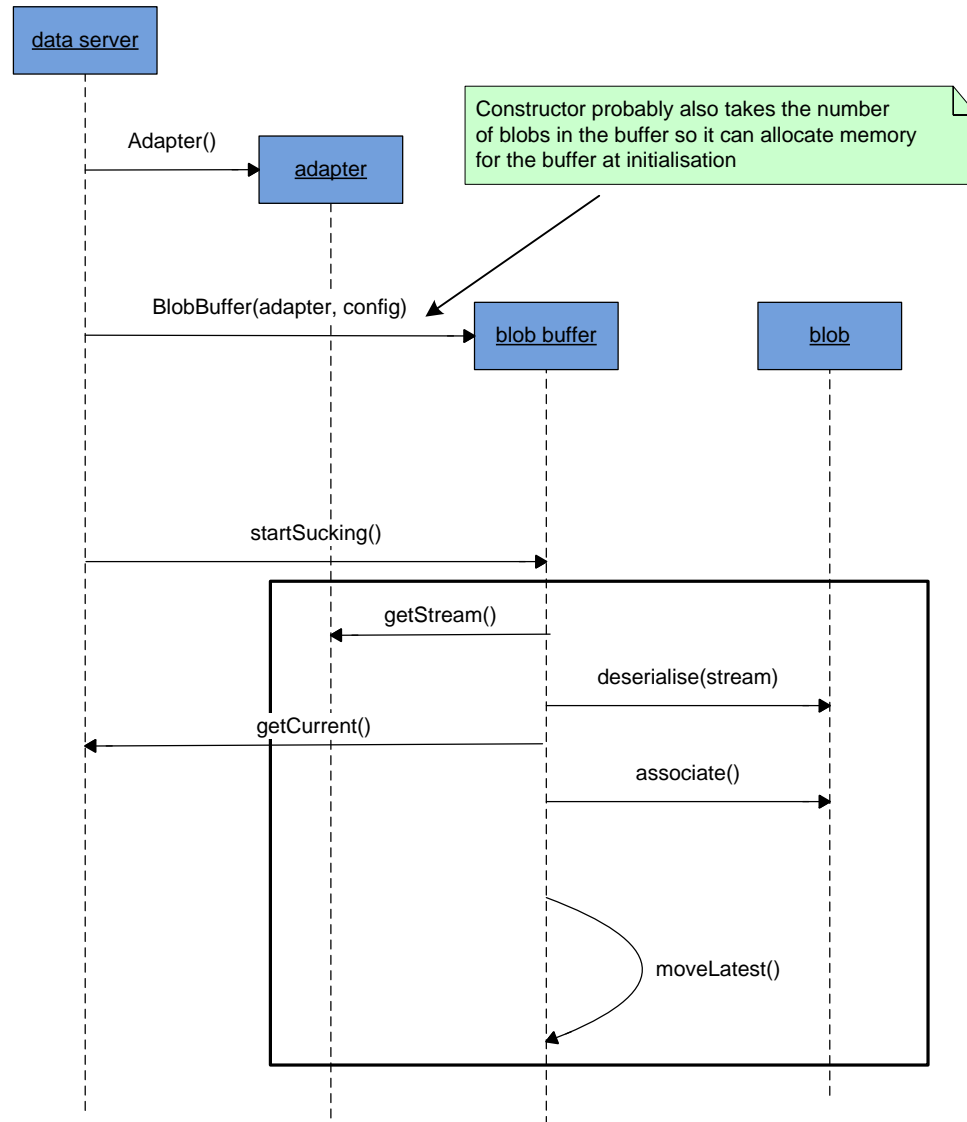
PELICAN: Sequence diagram: Data server -> request handling -> writing data to the transport socket



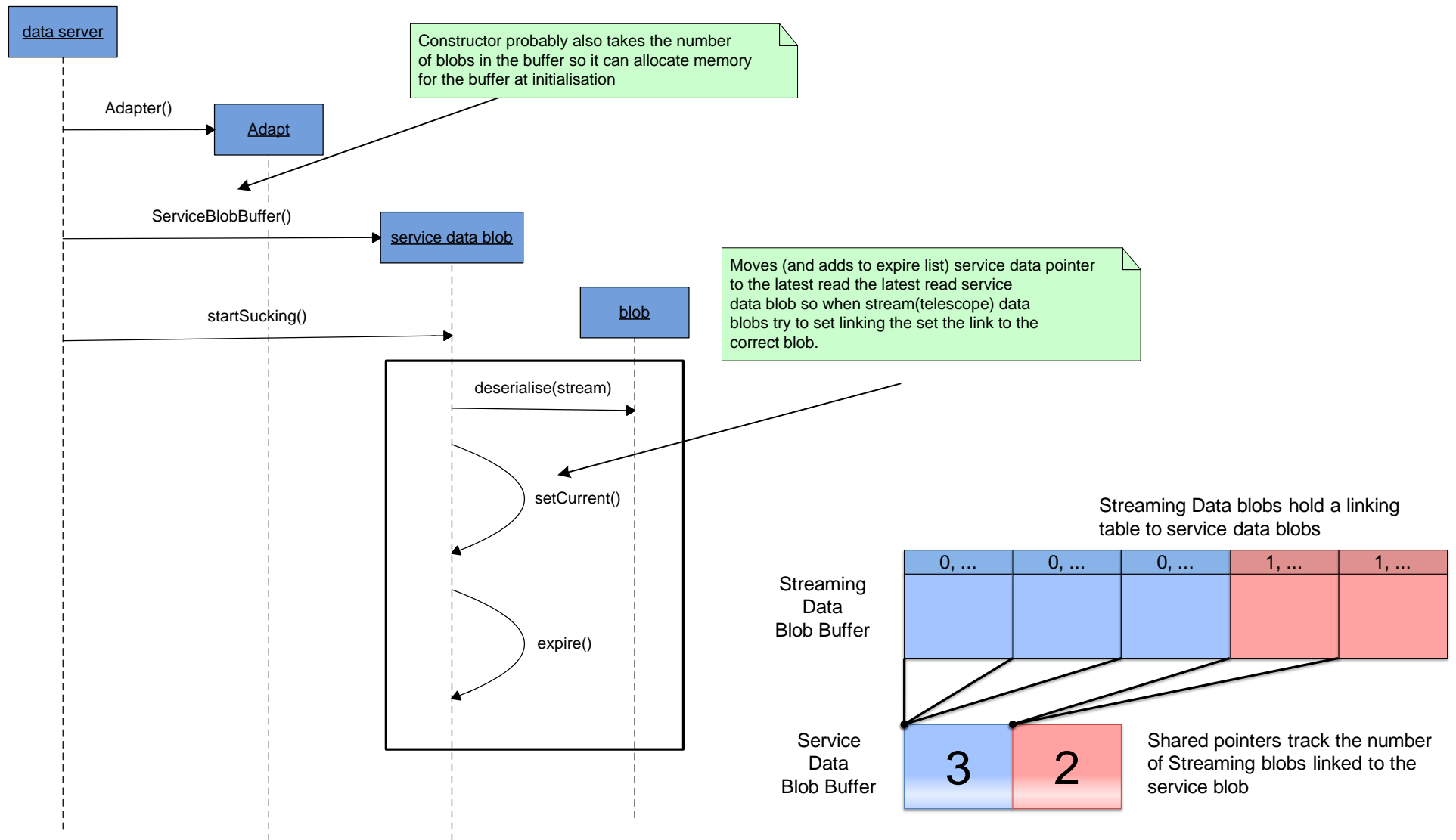
PELICAN: Sequence diagram: Filling a stream type (telescope data) Blob Buffer (using the Data Server and adapter)



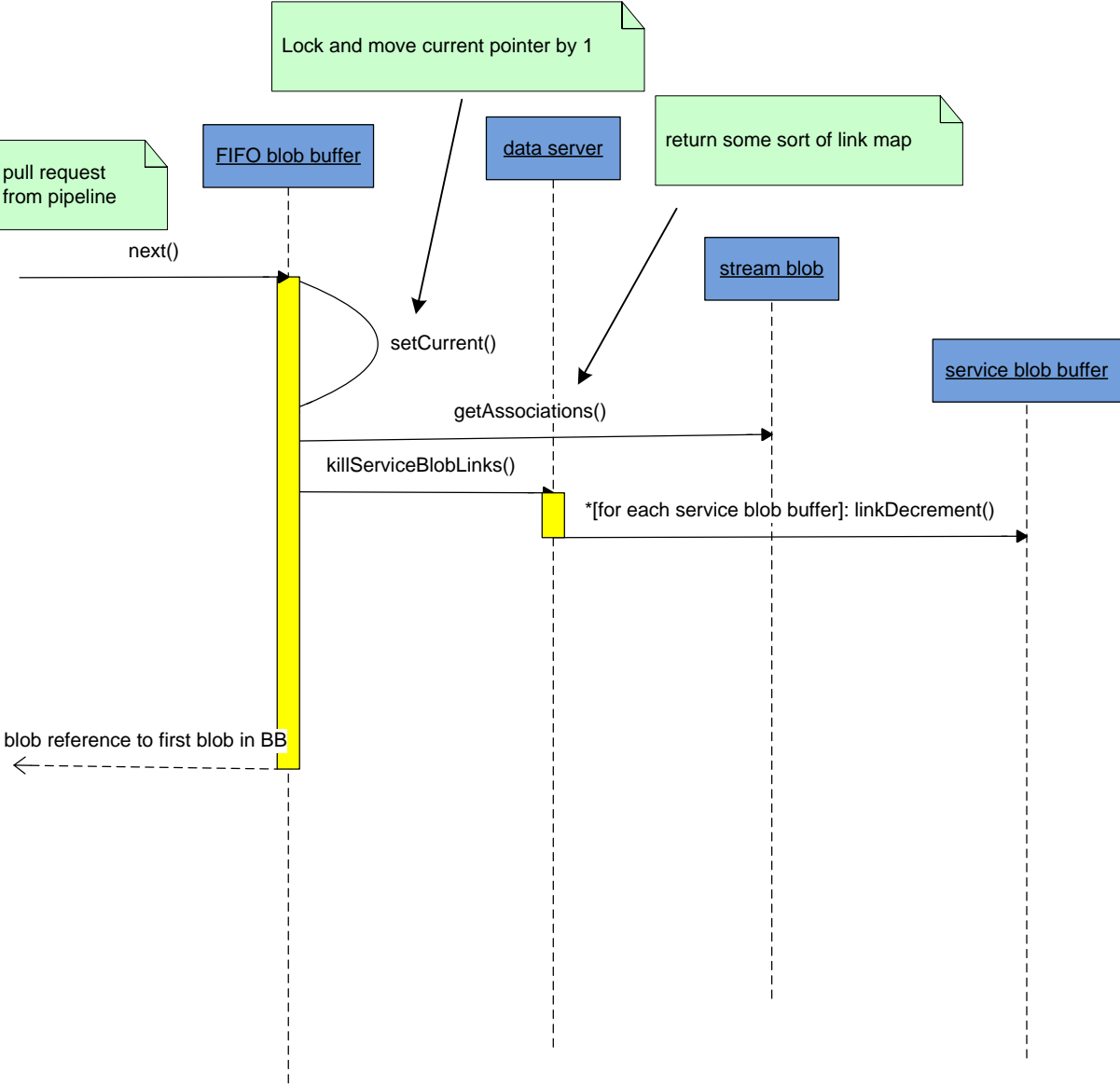
PELICAN: Sequence diagram: Data Server getting a first-in first-out blob buffer



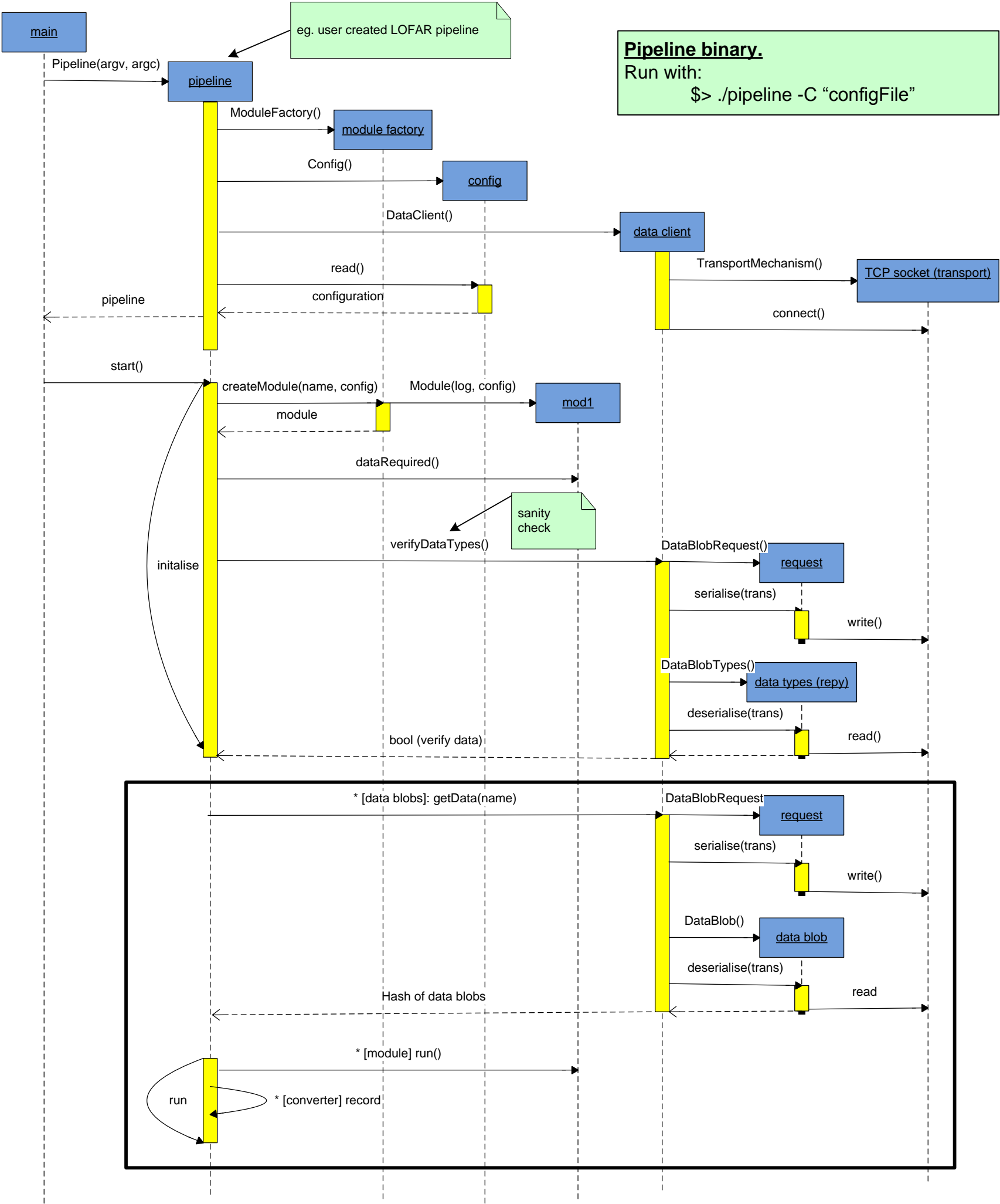
PELICAN: Sequence diagram: Data Server filling up a service data blob buffer



PELICAN: Sequence diagram: Linking a streaming (FIFO) data blob to a service data blob

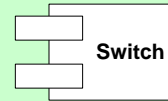


PELICAN: Sequence diagram: System overview



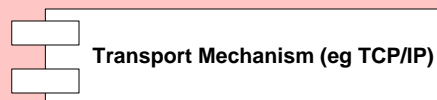
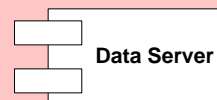
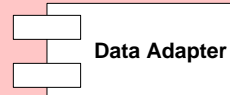
Telescope

Telescope data from the station correlator is output via a switch



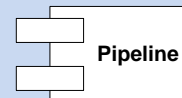
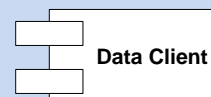
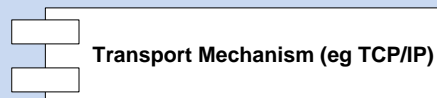
Data Server

The data server binary



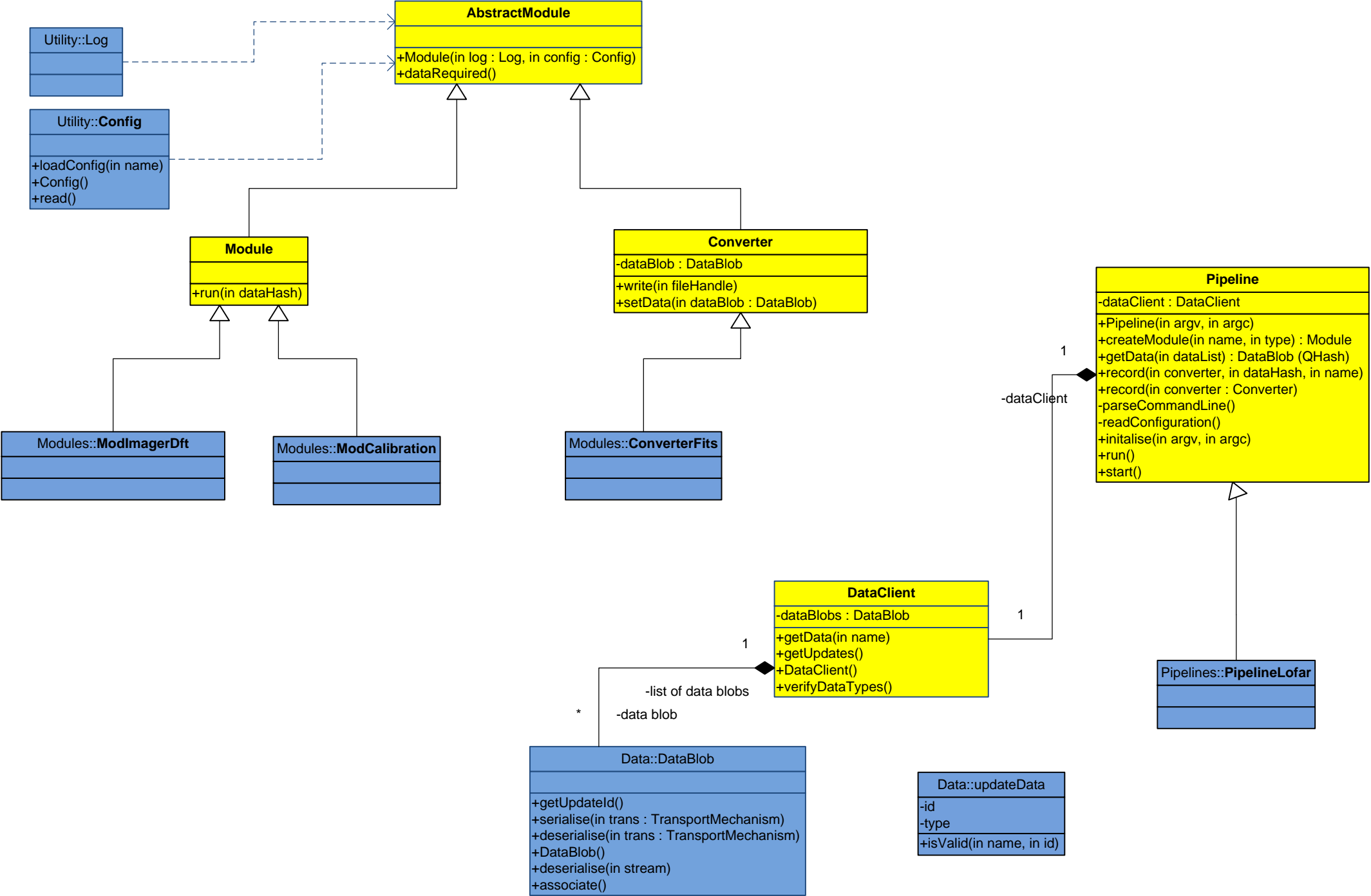
Pipeline

Pipeline binary

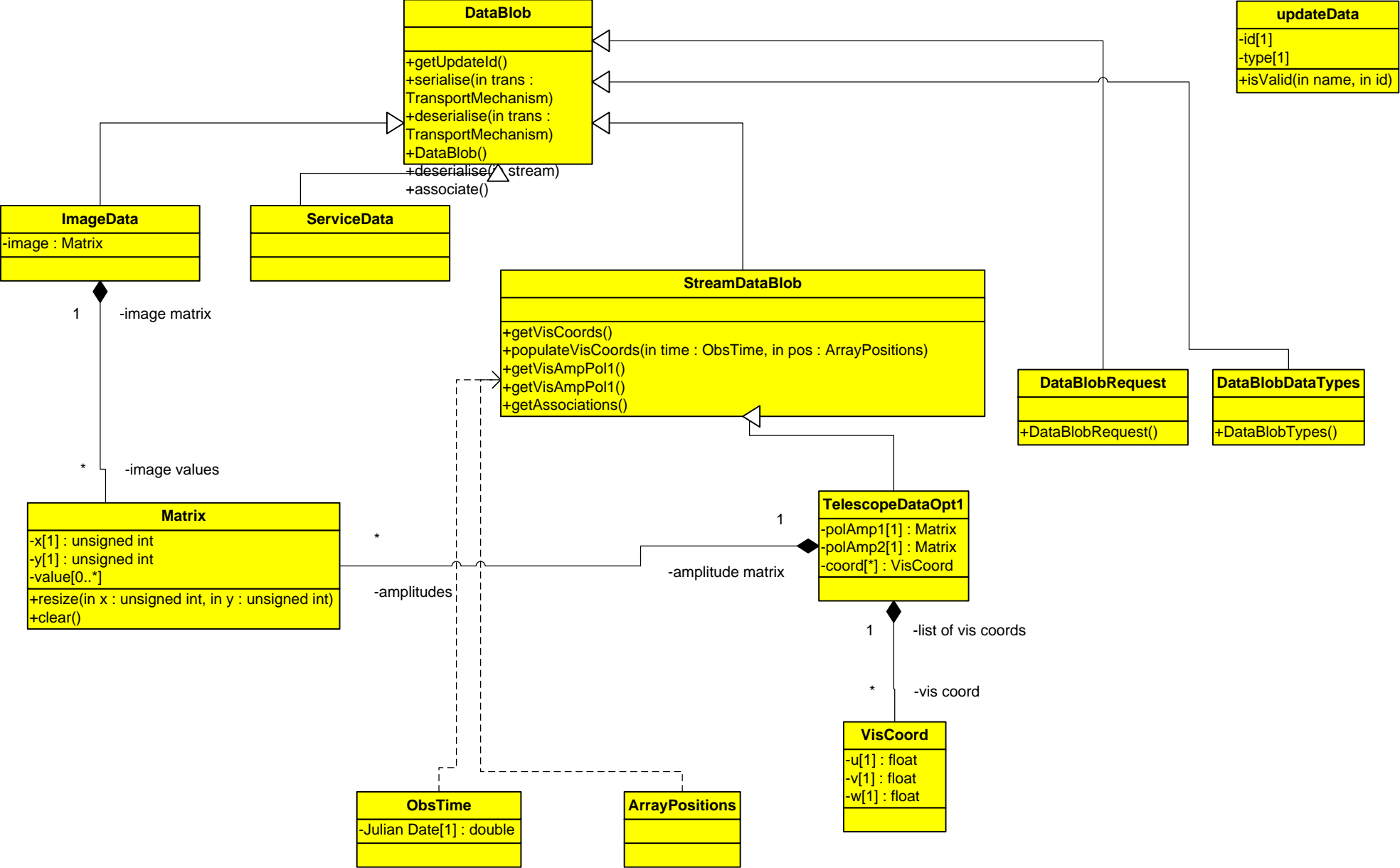


DataAdapter
+Adapter() +getStream()

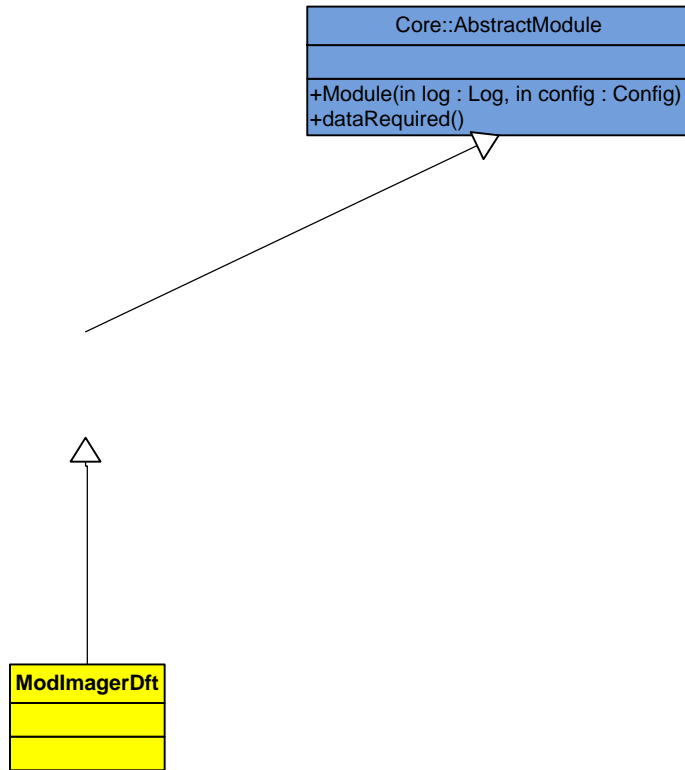
CORE



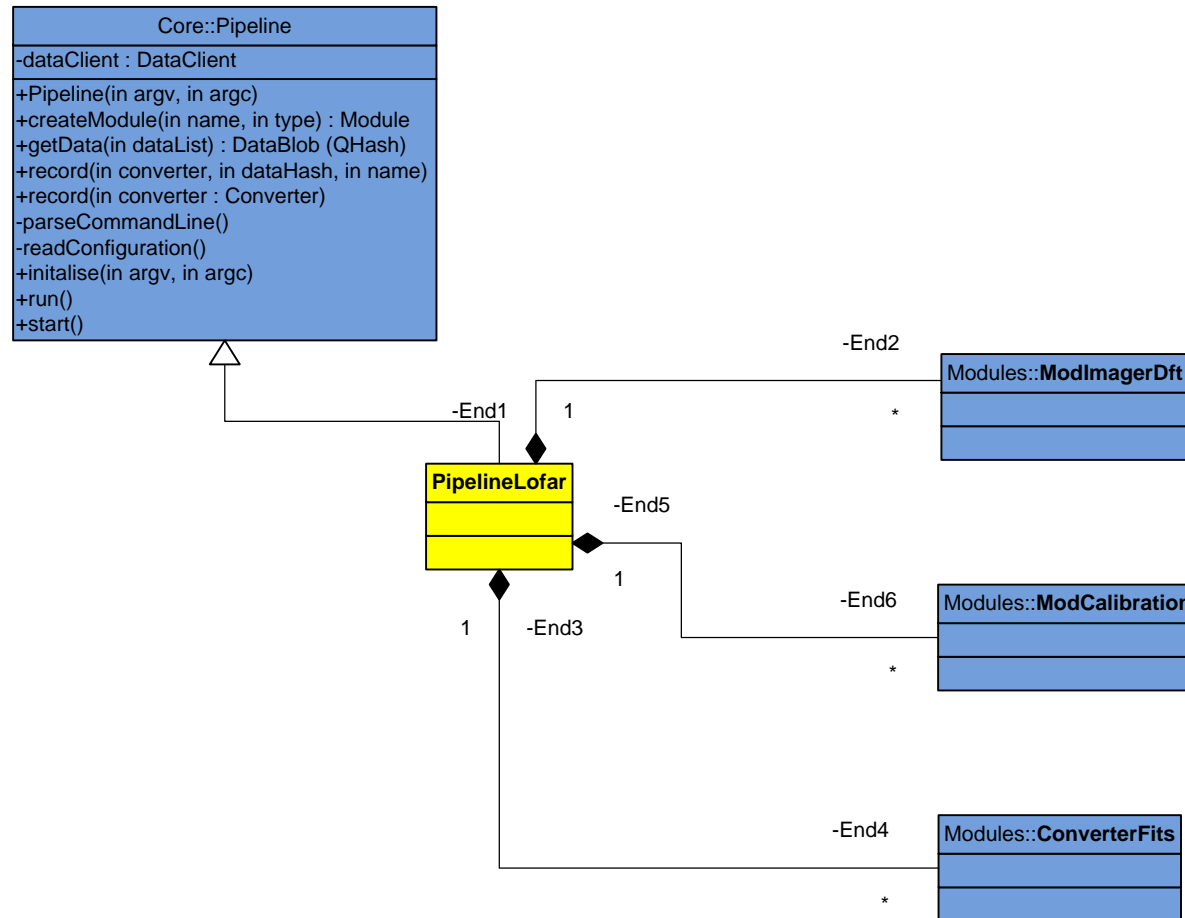
DATA



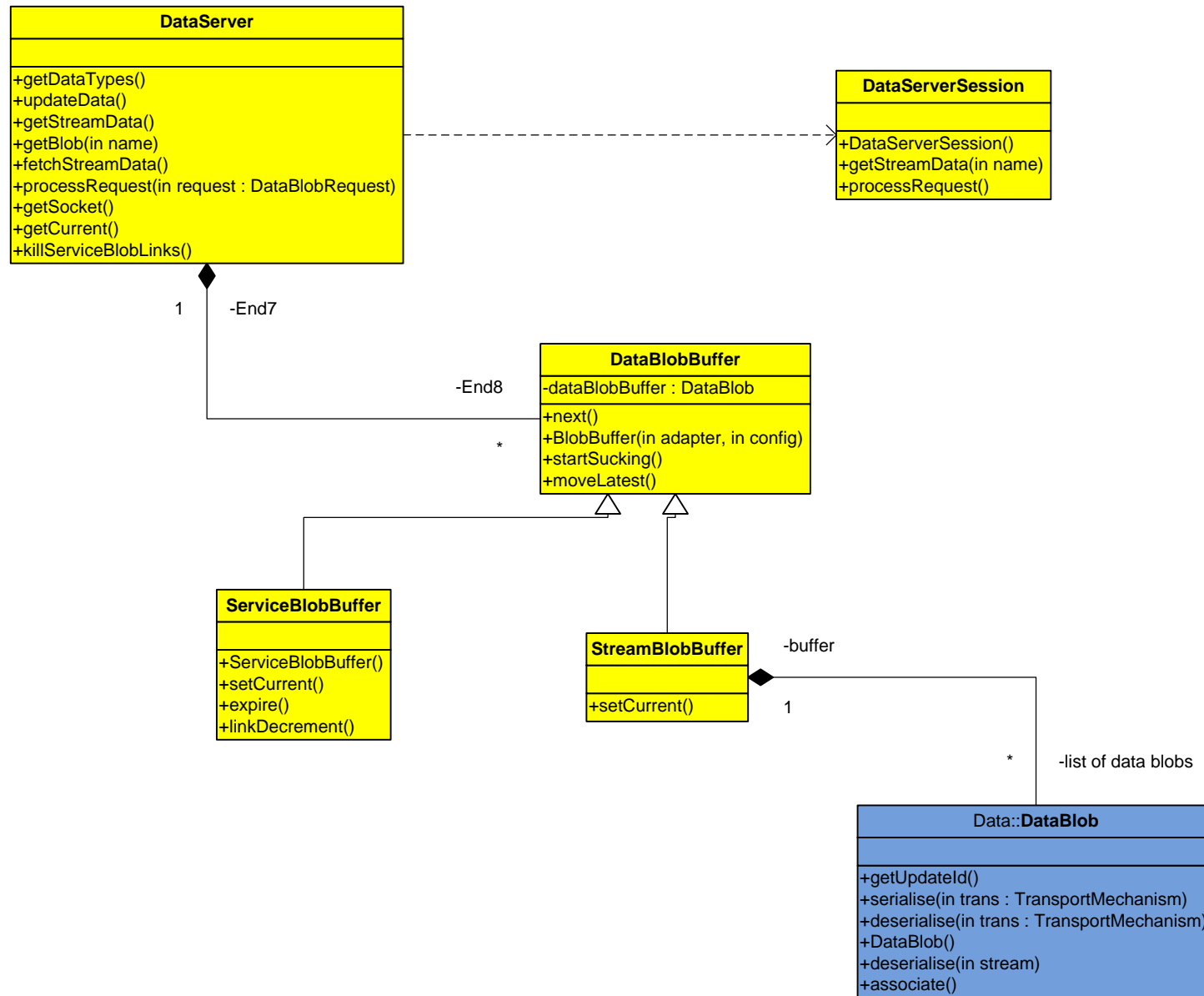
MODULES



PIPELINES



SERVER



UTILITY

Config
+loadConfig(in name) +Config() +read()

Log

TransportPipe
+fetchBlob(in name) +deserialise() +serialise() +startRecieve(in dataBlob : DataBlob) +sendBlob(in dataBlob : DataBlob)

