Event Stream Analyzer

# TODO

* Fix all unit tests (including those commented out)
* Return to:

mvn clean install; ./bin/install –f

(cd /Users/ovidiu/c096-Centric/load-tests/02-100; cat access\_log.log | esa –debug)

* Refactor InputStreamInitiator, EventProcessor and OutputStreamTerminator thread internals – unify.
* Currently the shutdown is initiated by inserting a ShutdownEvent in the queue. We can also interact with the Component thread directly, if we need to shut it down faster. Think about it.
* Idea: use non-blocking IO in components and read from both a data channel and a control channel. The data channel is an adapter to an InputStream.
* Understand fix and document why Maven blocks at the end.
* How to handle exceptions in the logic’s process() High level view.
* Handle EndOfStream in SingleThreadedEventProcessor. Test.
* Uncomment commented out tests and make them pass.
* Need an EndOfStreamEvent
* Need a OutputStreamEvent that gets written to the output stream.
* **EndOfStreamListeners management in ComponentBase.** Analyze EndOfStreamListener usage and decide whether we need to add thread safety for the management functions.