

Summary

Our project is a middleware based on blockchain data structures that ensures the continuous flow of data between any kind of producers and consumers.

The project is built according to a dependency structure typical of the audit chain module, using Java and the main idea is that events of any kind, file systems, and measurement loggers, should be carried over the network.

There is a central event queue, which records these events and uses them for further steps that would involve third parties. To define terms, we could define three main characters:

- the producer: the event's creator and sender,
- the queue: a middle ground for storing and sharing events,
- the consumer: who takes events from the queue to perform further actions with them.