WP3: the properties that are likely to be verified are definitely latency and throughput. Any property which is consistent with these two is then an...



Storm is a distributed computation framework written predominantly in the Clojure programming language. Originally created by Nathan Marz[1] and team at BackType,[2] the project was open sourced after being acquired by Twitter.[3] It uses custom created "spouts" and "bolts" to define information sources and manipulations to allow batch, distributed processing of streaming data. The initial release was on 17 September 2011.[4]

A Storm application is designed as a topology in the shape of a directed acyclic graph (DAG) with spouts and bolts acting as the graph vertices. Edges on the graph are named streams, and direct data from one node to another. Together, the topology acts as a data transformation pipeline. At a superficial level the general topology structure is similar to a MapReduce job, with the main difference being that data is processed in real-time as opposed to in individual batches. Additionally, Storm topologies run indefinitely until killed, while a MapReduce job DAG must eventually end.[5]

Storm became an Apache Top-Level Project in September 2014,[6] and was previously an Apache Incubator project since Septem...

