

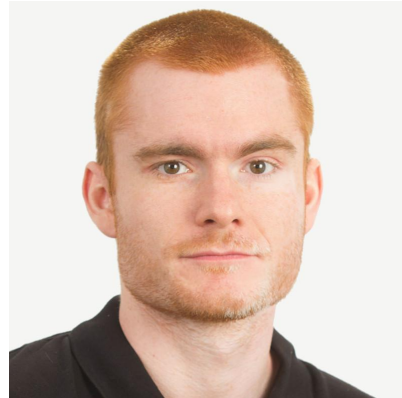
CLOUĐERA

SQL STREAMING POSSIBILITIES POWERED BY FLINK

Ferenc Csaky

WHO?

- Lead/Manager, Streaming Analytics
- Java software developer
- Big Data enthusiast
- Clean code evangelist



AGENDA



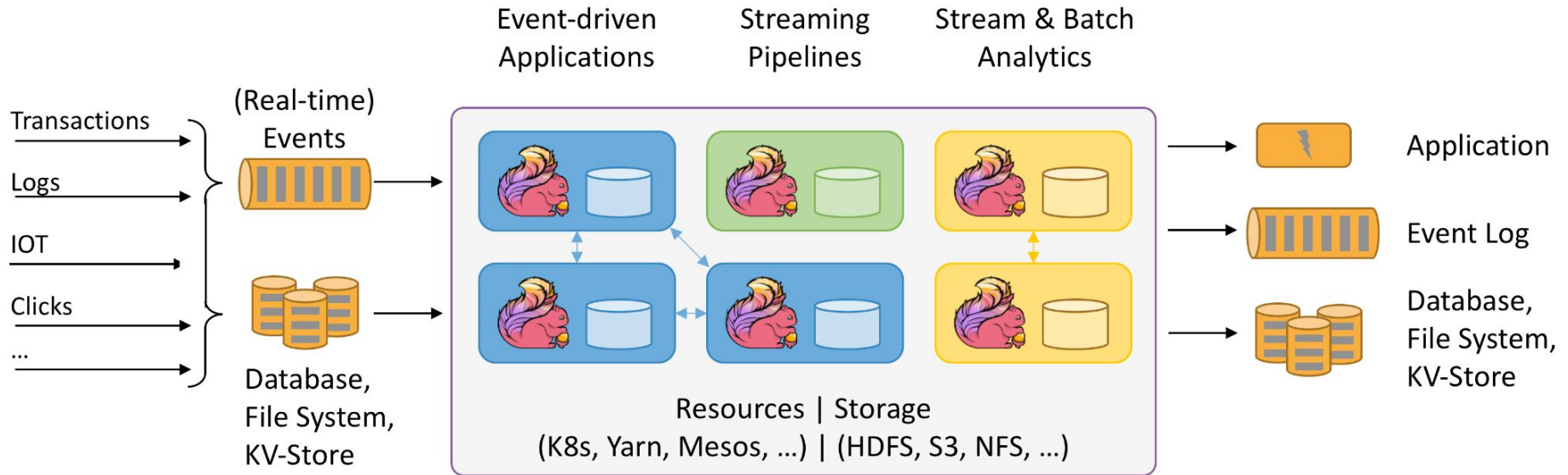
Flink introduction

Live SQL Stream Builder showcase

WHAT IS APACHE FLINK?

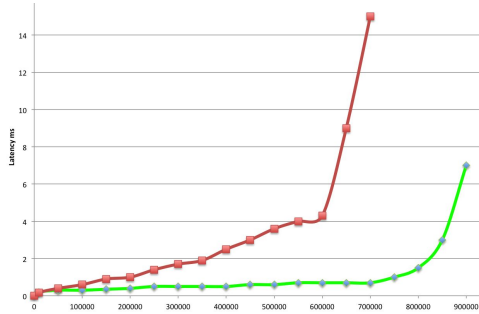
- Distributed processing engine for stateful computations over unbounded and bounded data streams.
- Designed to run in all common cluster environments.
- Can perform computations at in-memory speed and at any scale.

FLINK CAPABILITIES

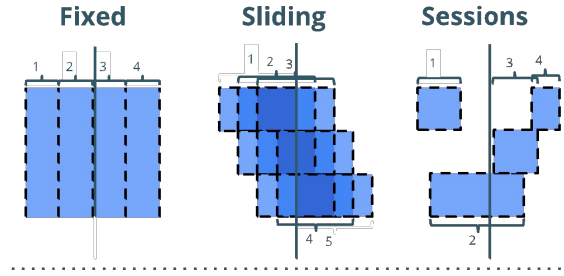


FLINK CAPABILITIES

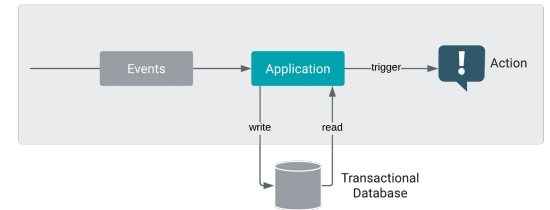
LATENCY



WINDOWING

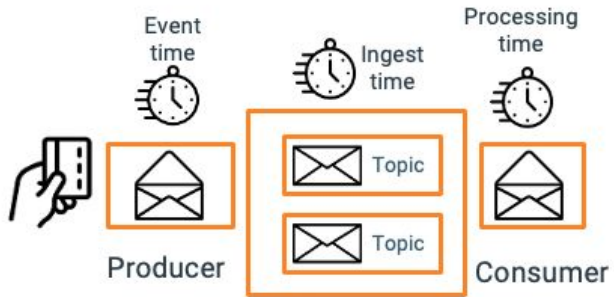


STATE MANAGEMENT

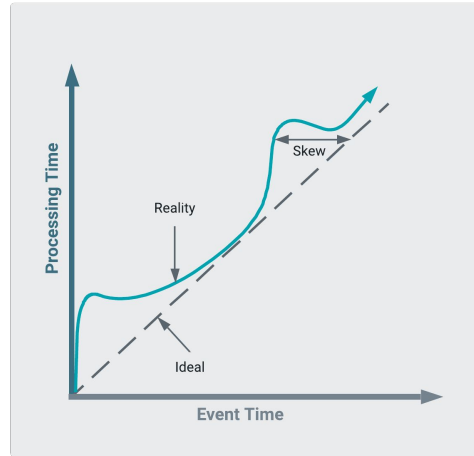


FLINK CAPABILITIES

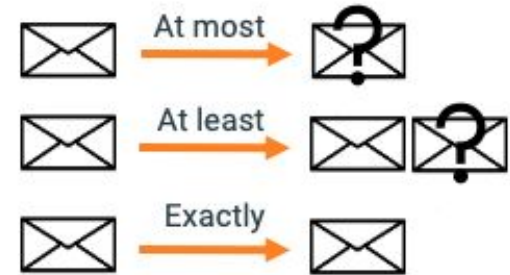
TIME SEMANTICS



WATERMARKING



PROCESSING SEMANTICS



AGENDA

Flink introduction



Live SQL Stream Builder showcase

WHAT IS SQL STREAM BUILDER?

- Allows developers, analysts and data scientists to write streaming applications using industry standard SQL.
- Provides an interactive experience, so the development process can be fast, easy and productive.
- Businesses with SQL resources can build streaming analytics to guide business decisions.

LIVE ACTION TIME

CLouDERA

THANK YOU

CLOUDERA