

Leading the Big Data Revolution EvolveResultsin Brief

Deliverable D4.11

First version of single pass analytics over bounded data streams

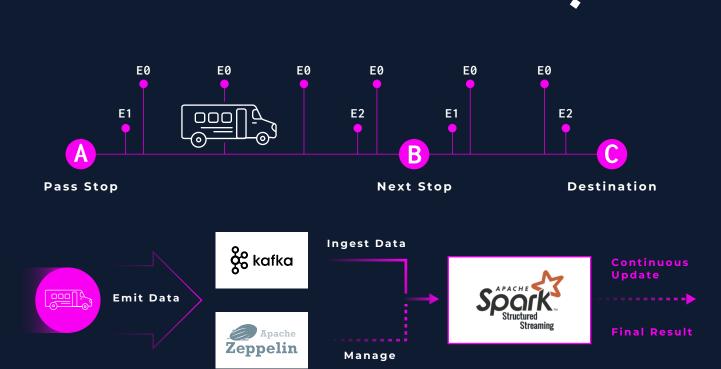
By: Antonis Papaioannou . FORTH

T4.6 TECHNICAL UPDATE

• Incremental one-pass analytics over bounded data streams

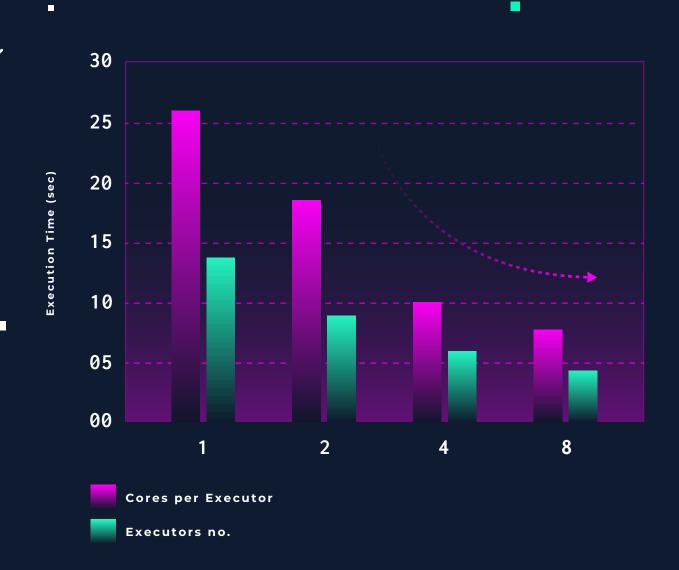
DEMAND FOR PROCESSING DATA THE MOMENT THEY ARRIVE IN REAL TIME

Case in point: public bus transportation pilot



STREAMING ANALYTICS MICROSERVICE

- Delivered functional prototype based on Spark Structured Streaming
- Integrated with platform's ingestion service (Kafka)
- Fully exploiting scalability potential at EVOLVE platform
- Supporting service management through EVOLVE frontend (Zeppelin, dashboard)







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