Evaluation of STREAM open source project

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Introduction

• Stream stands for **Stanford stream data manager**

• Data Stream: continuous, unbounded, rapid, time-varying streams of data elements

• Typical usage:
  
  Financial applications
  
  Sensor networks
  
  Network monitoring and traffic engineering
  
  Telecom call records, web logs
Current Progress

- Have compiled and built the STREAM server and client
- Have learned the CQL usage
- Have learned the GUI usage
- Have created sample test plan and datasets
- Trying to understand the query processing.
- Trying to understand resource management.
STREAM Summary

- Handle data streams and stored relations
- Declarative language for registering continuous queries
- Flexible query plans and execution strategies
- Textual, graphical, and application interfaces
- Relational, centralized DSMS