

# Evaluation of STREAM open source project

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# Introduction

- Stream stands for **S**tanford **s**tream **d**ata **m**anager
- 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