Semantic Importance Benchmark and Generalization Framework

RDF streams
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Ontologies

Window

| Sliding Window | Landmark Window |
| Logical Window | Physical Window |

Operation Semantics

| on window close | on content change |
| non empty content | periodic |

Semantic Importance

| Provenance | Trustworthi-ness |
| Query Participation | Query Relevance |

Continuous Query Language

| CSPARQL | CQELS |

Window Management

LFU LRU FIFO Trust FEFO
QRLFU QRLRU QRFIFO QRTrust
QRFEFO FEFIFO FELFUFO
QRFELFUFIFO QRFELRUFIFO
...

Precision

Response Time

Memory Consumption

Throughput