NiagaraST Algebra

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This document details what available operators in NiagaraST do.

**accumulate**

**avg**

(DEPRECATED) Legacy average operator

**bucket**

Operator that produces WIDs.

**collectInstrumentation**

**constant**

**construct**

**count**

(DEPRECATED) Legacy count operator

**dbscan**

latte operator that handles database logic

**dbscanimpute**

**“IMPUTE”** operator used for early feedback prototype

**display**

**dtdscan**

**dup**

Duplicate operator

**expression**

**filescan**

Scan files and treat them as streams

**firehosescan**

**impute**

Impute operator used for CIDR feedback prototype

**incravg**

**incrmax**

**join**

**load**

**magic**

Operator that drove the second set of experiments for CIDR feedback prototype

**magic\_construct**

**max**

**nest**

**partitionavg**

**partitionmax**

**prefix**

**present**

**punctqc**

Operator that connects a stream query plan with dbscan

**punctuate**

**resource**

**select**

**send**

**showTunables**

**slidingAvg**

**slidingCount**

**slidingMax**

**slidingSum**

**sort**

**store**

**sum**

**timer**

**topn**

**union**

**unnest**

**windowAverage**

**windowCount**

**windowJoin**

**windowMax**

**xmlscan**