

Memory Consumption Comparison: Database Connectors

Test pattern:

type: loop

delay between bursts: 10min

dbcalls in each burst: 10k

database records: 1

concurrency: 10

Mode: thin

getRow: default(getRows)

PostgreSQL

Test Conditions:

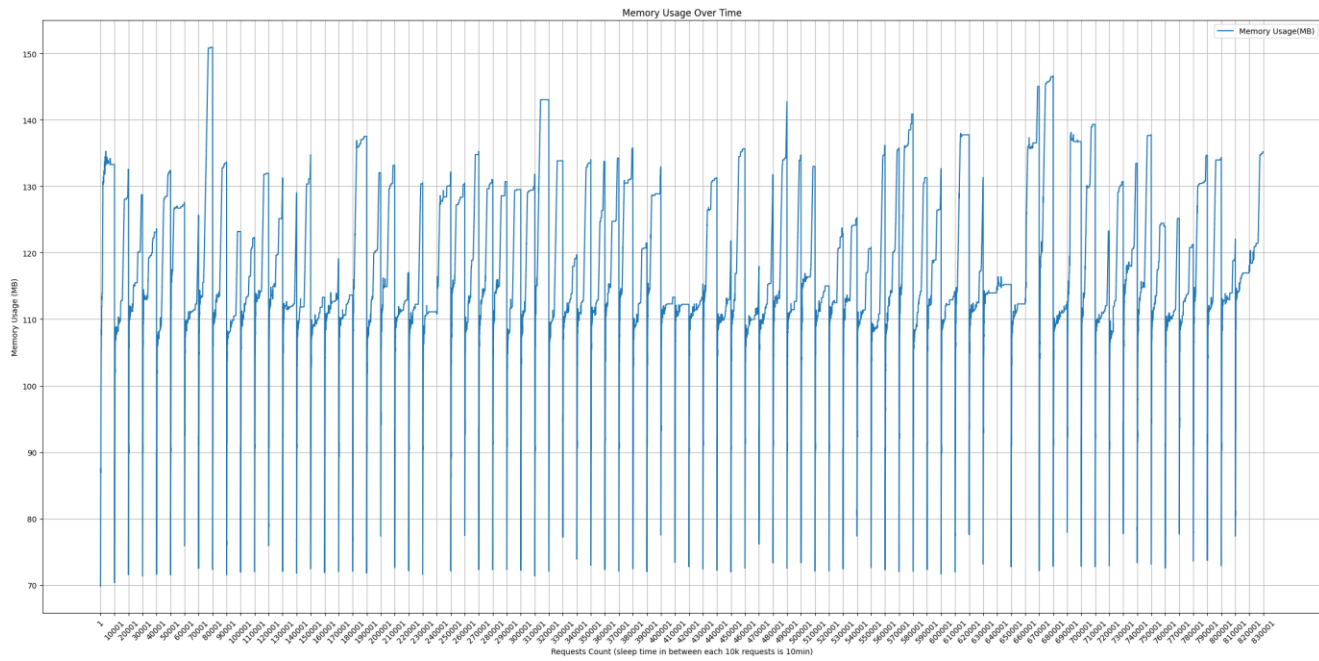
Node: v22.13.1

pg: ^8.13.1

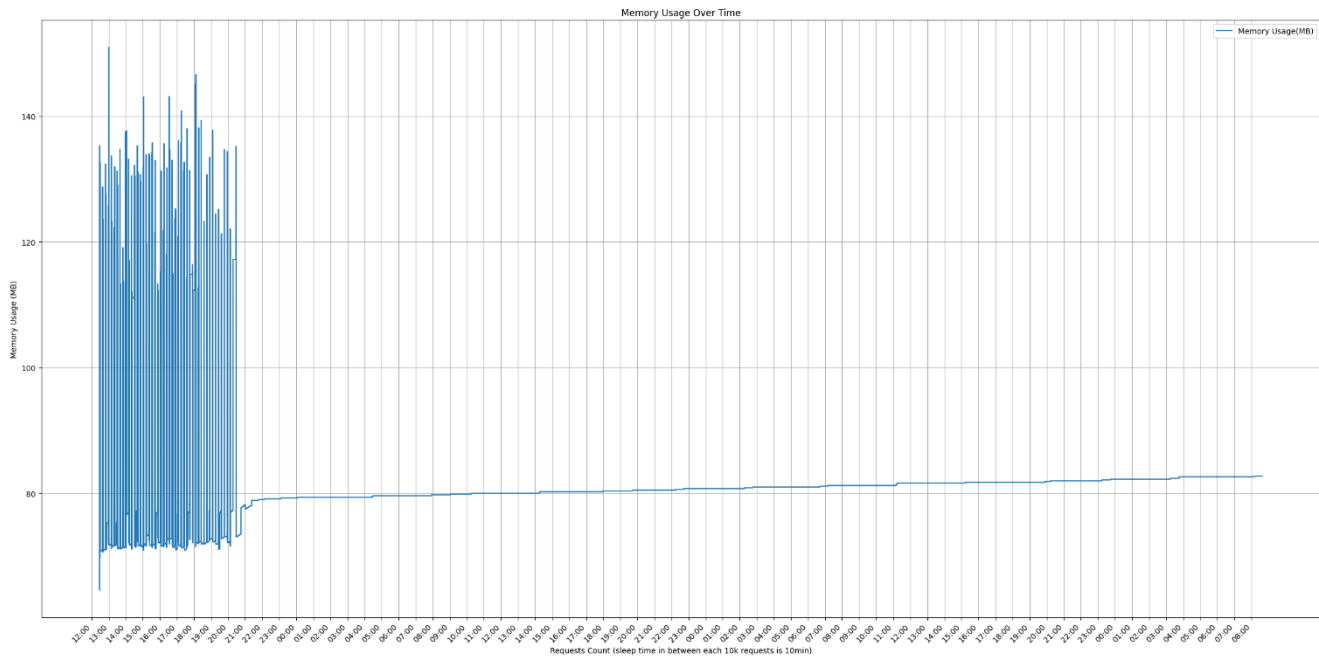
pg-pool: ^3.7.0

express: 4.21.2

Requests vs RSS



Time vs RSS



Oracle-thick mode

Test Conditions

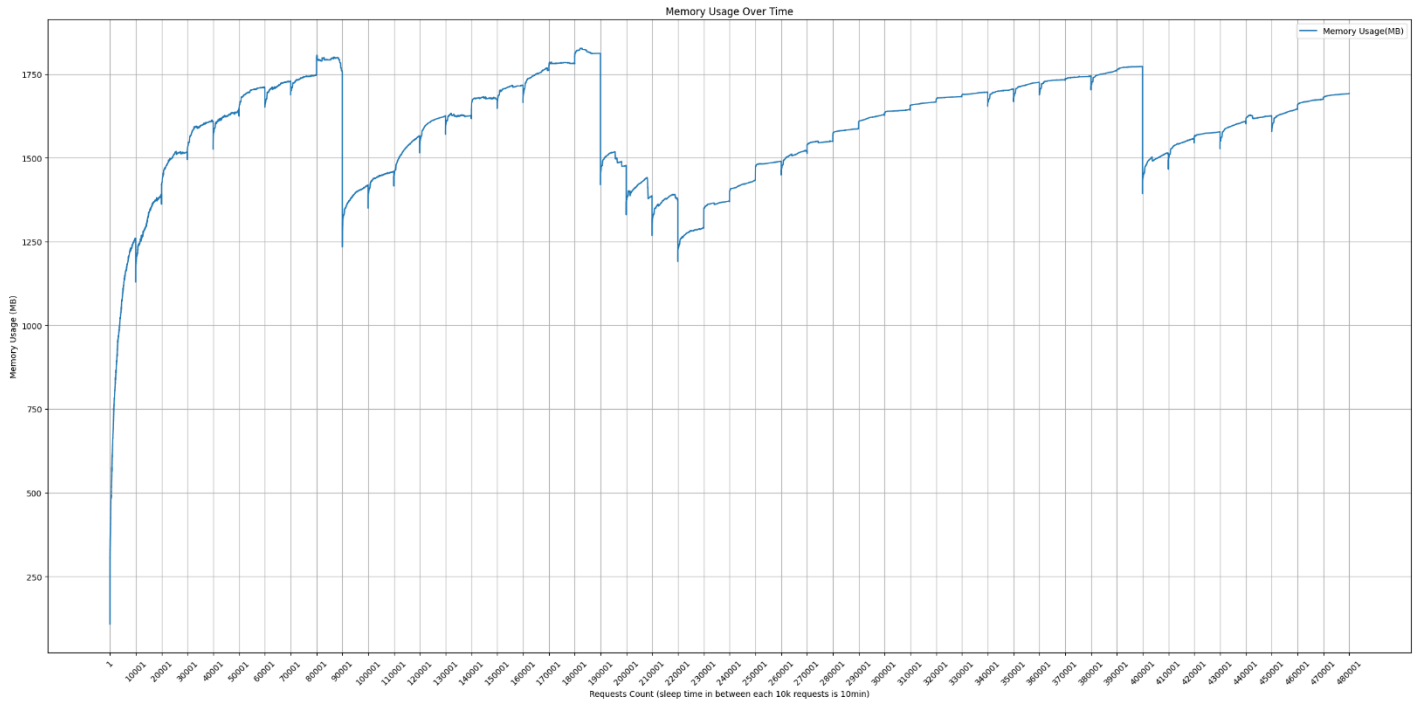
Node: v22.13.1

node-oracledb: 6.7.1

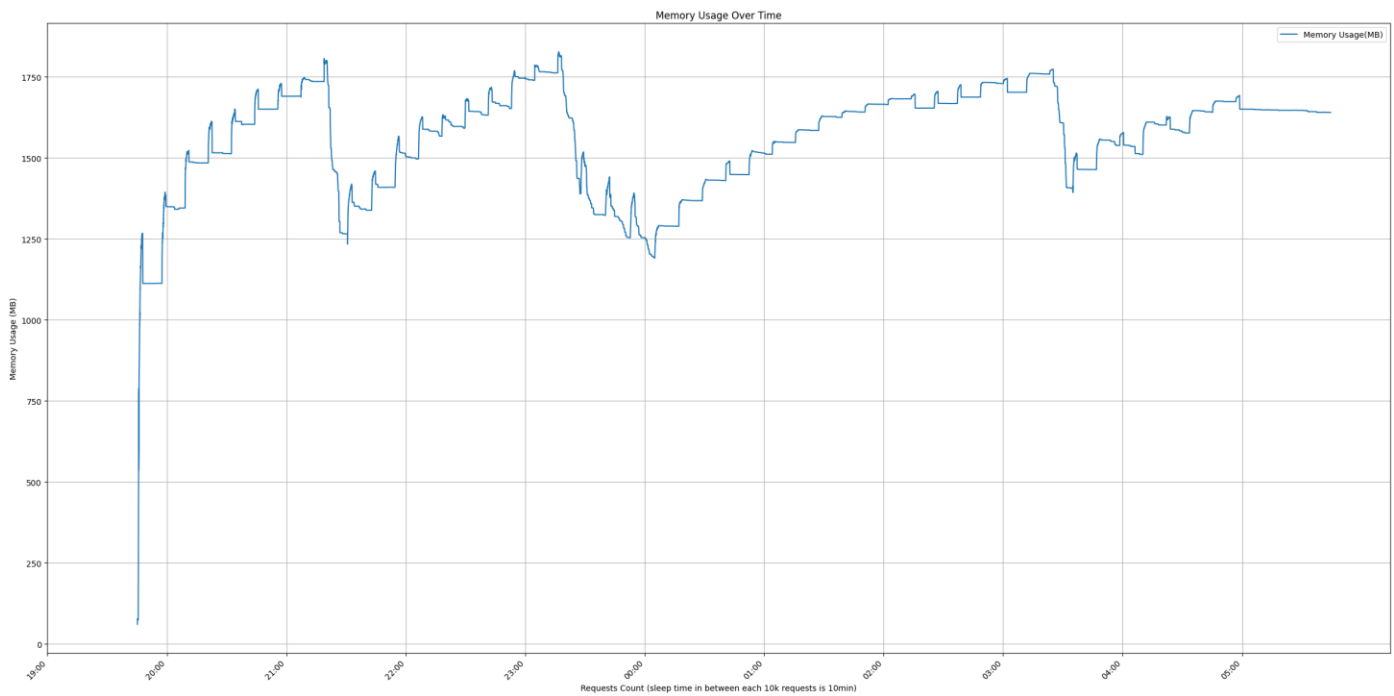
express: 4.21.2

instantclient: instantclient_21_8

Requests vs RSS



Time vs RSS



Oracle-Thin Mode

Test Conditions:

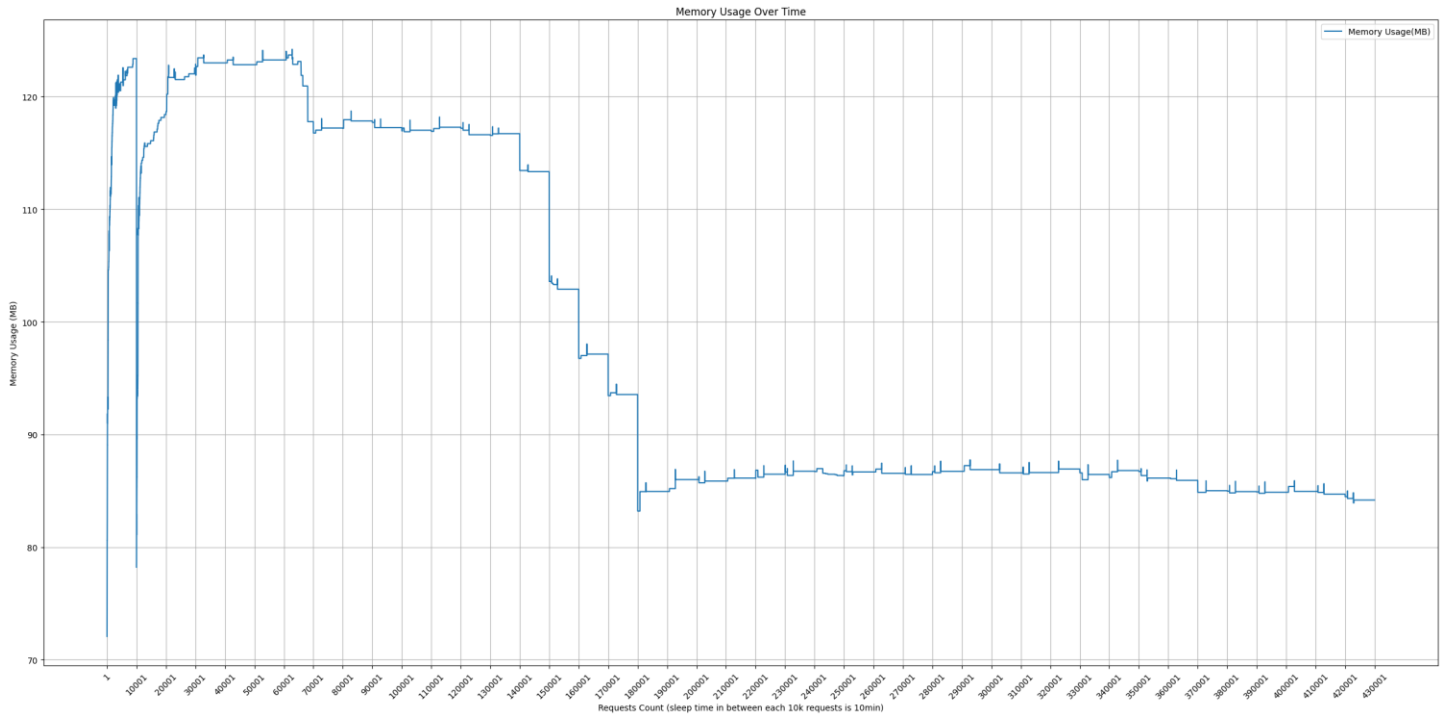
Node: v22.13.1

node-oracledb: 6.7.1

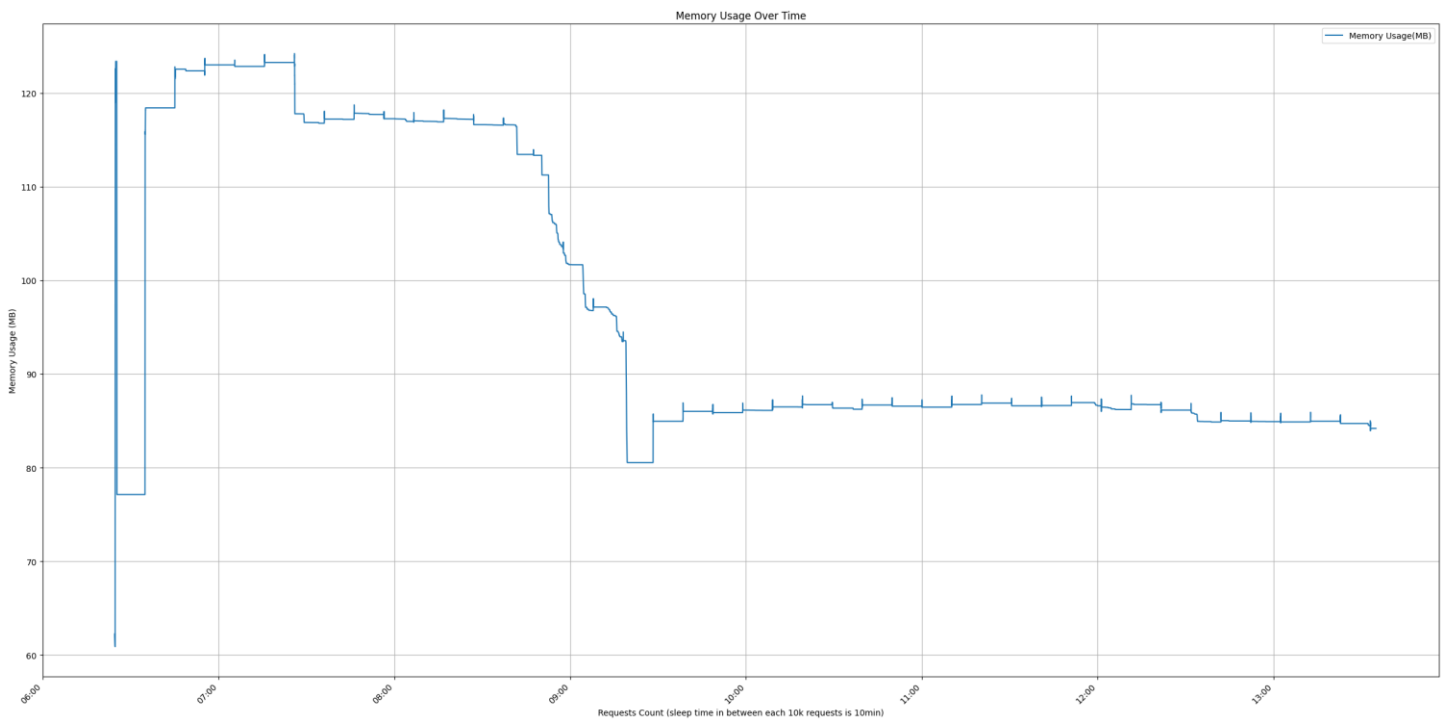
express: 4.21.2

instantclient: instantclient_21_8

Request vs memory



Time vs RSS

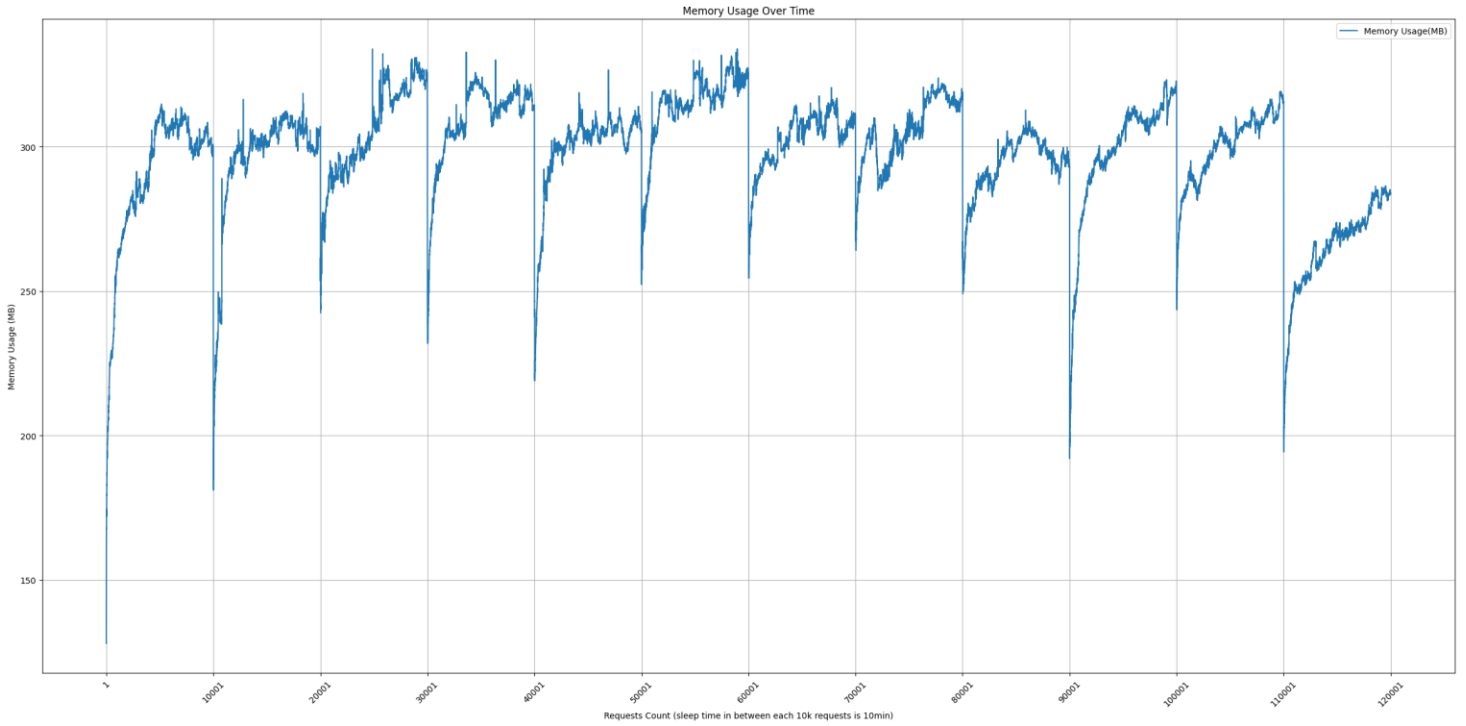


Oracle -thick mode with jemalloc

Test Conditions:

Node: v22.13.1
node-oracledb: 6.7.1
express: 4.21.2
instantclient: instantclient_21_8
jemalloc: true

Requests vs RSS



Time vs RSS

