time to download first byte, all clients

Cumulative Fraction vs Download Time (s)

2023-03-03-T21-58-40 (scmutex-separate-atomic)
2023-03-03-T07-10-36 (Nightly benchmark)
2023-03-01-T18-40-39 (rust ipc)
2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

moving avg. time to download first byte, all clients over time

- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
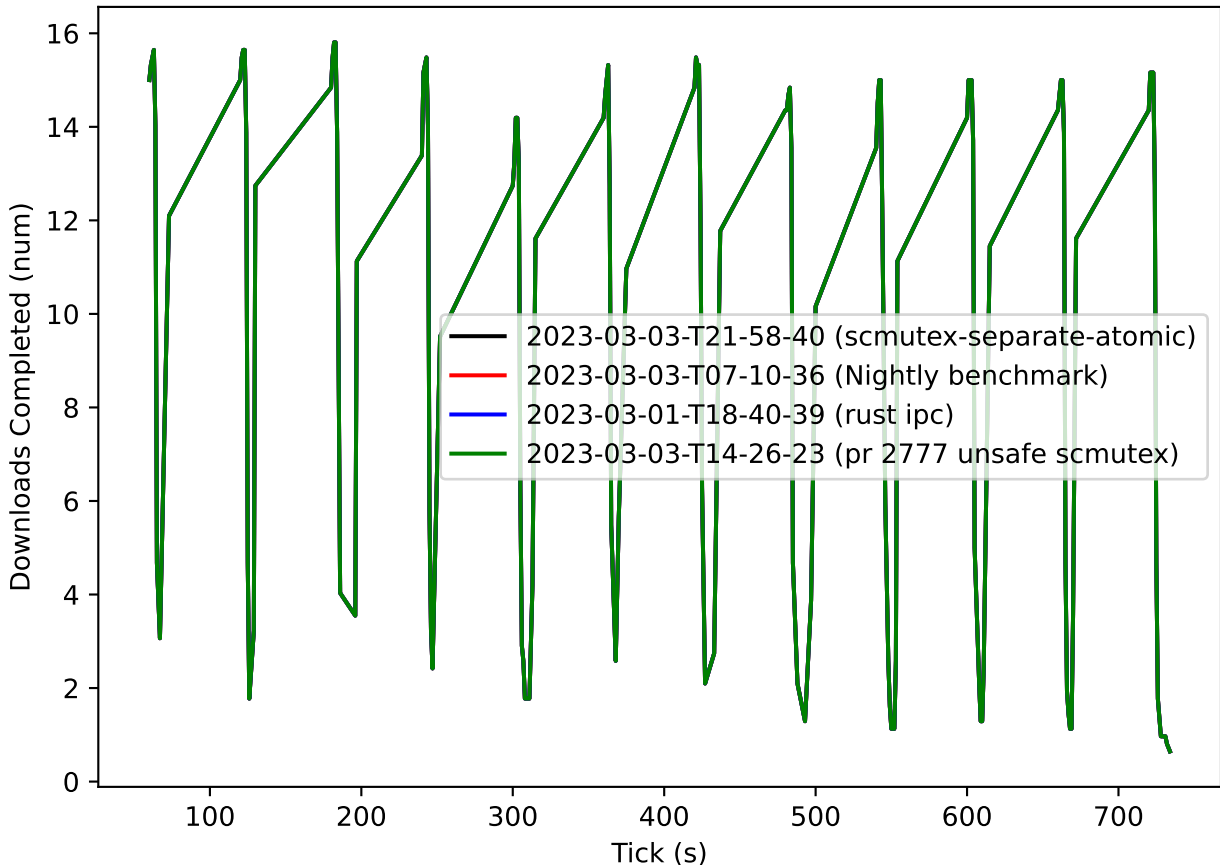- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)
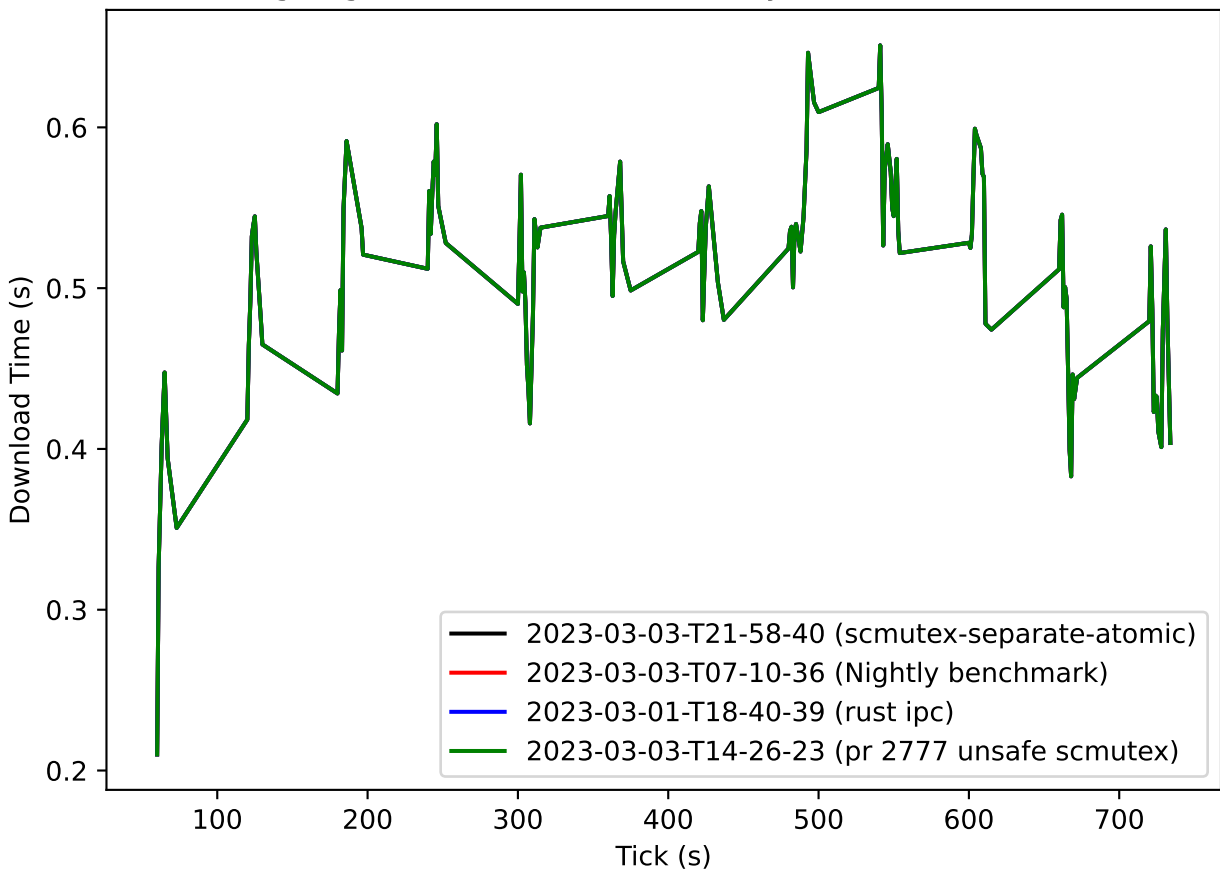
number of total downloads completed, each client

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

X-axis: Downloads Completed (num)
Y-axis: Cumulative Fraction
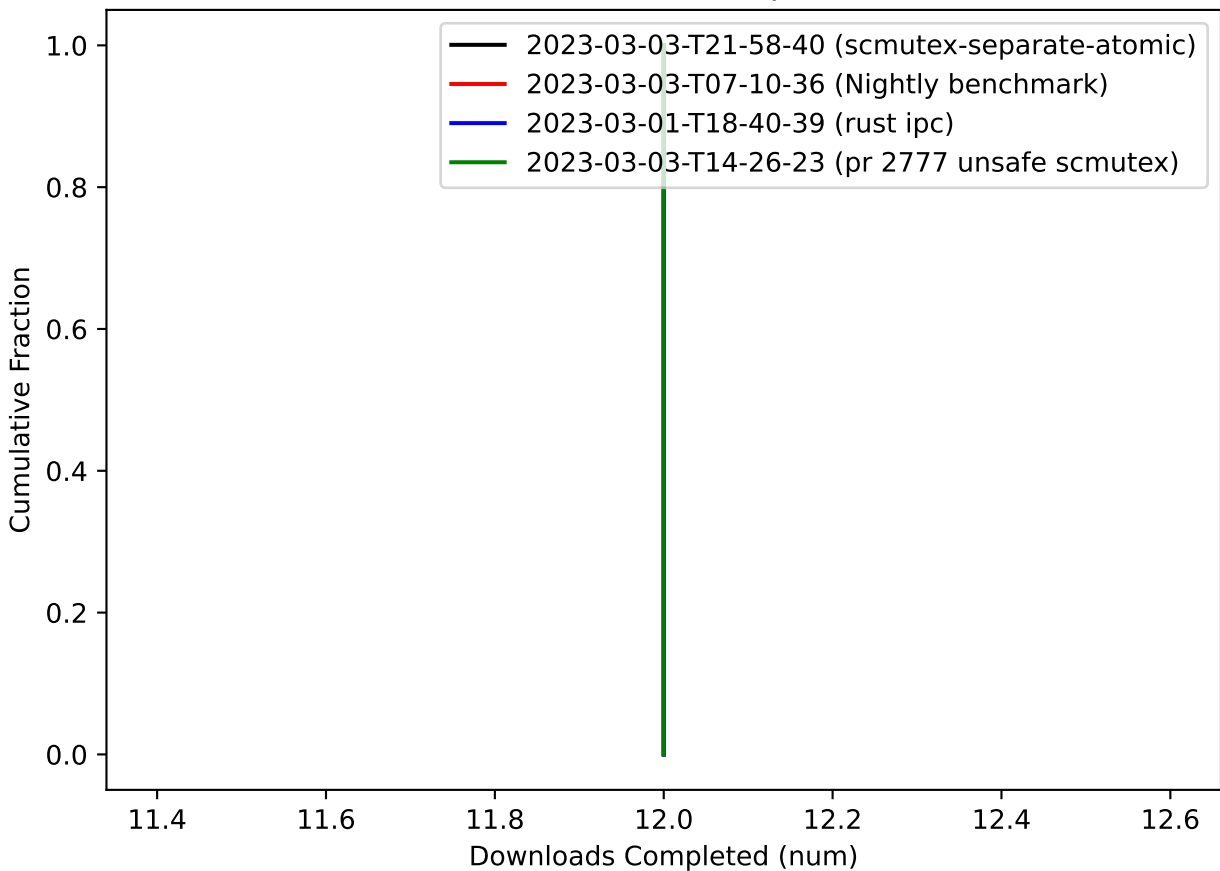
moving avg. number of downloads completed, all clients over time

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

X-axis: Tick (s)
Y-axis: Downloads Completed (num)

moving avg. sum of heartbeat 'bytes-read', all clients over time

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)
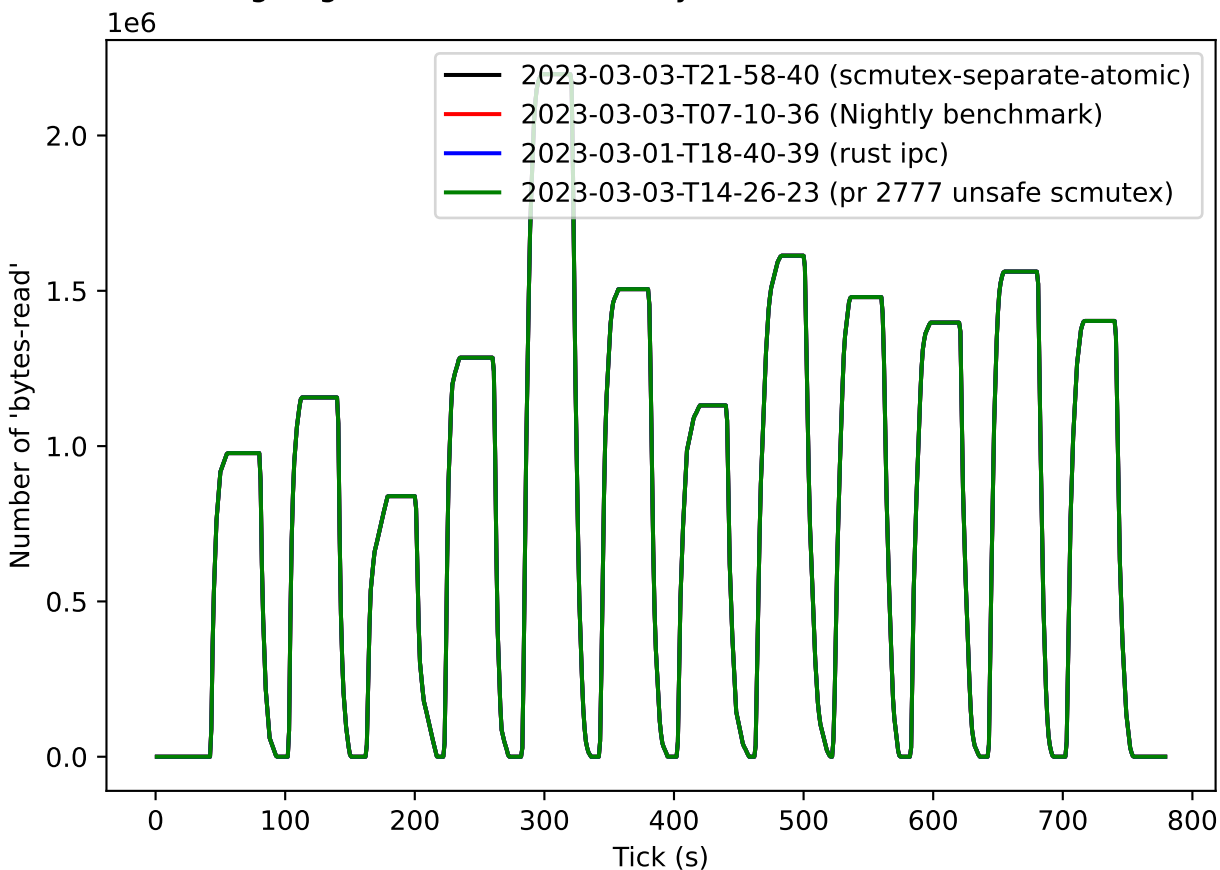
moving avg. sum of heartbeat 'bytes-written', all clients over time

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Number of 'bytes-written'

Tick (s)
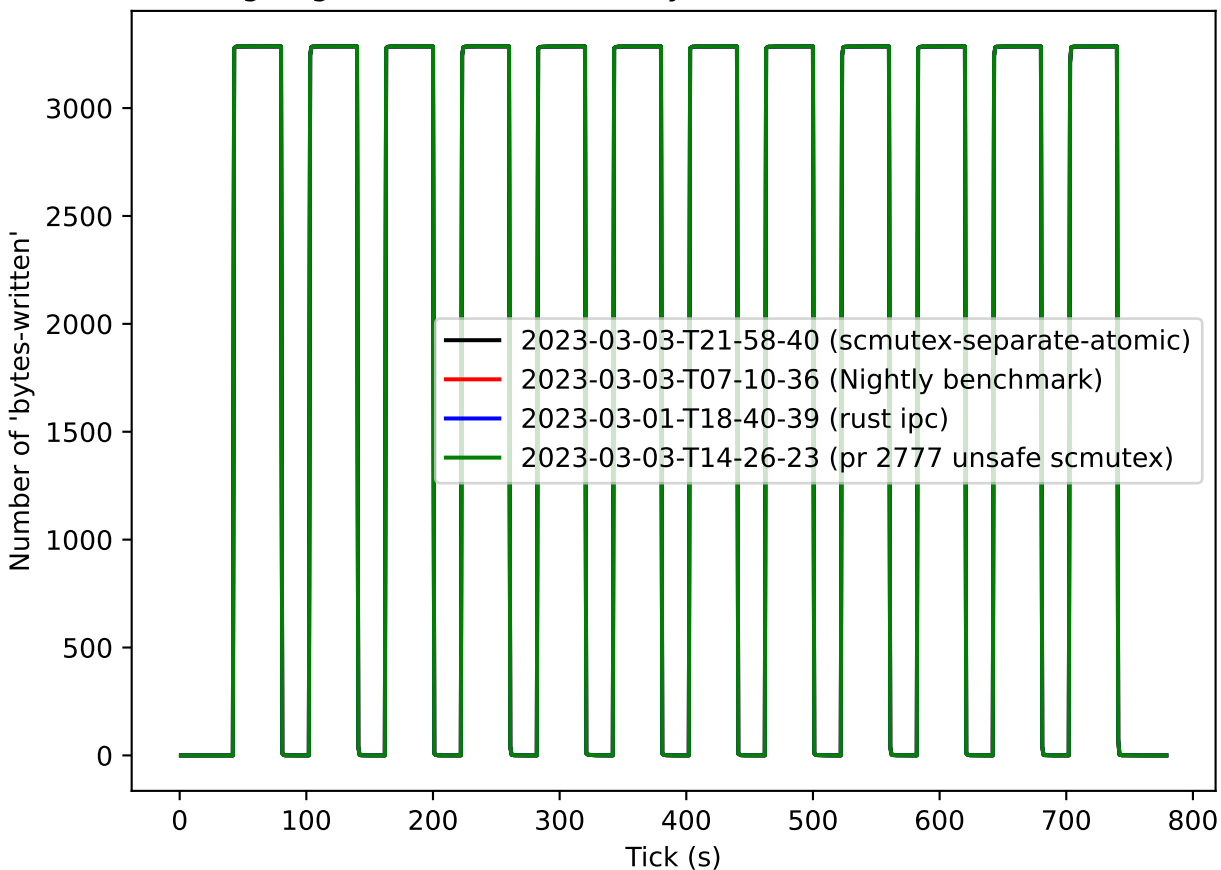
moving avg. sum of heartbeat 'flows-created', all clients over time

2023-03-03-T21-58-40 (scmutex-separate-atomic)
2023-03-03-T07-10-36 (Nightly benchmark)
2023-03-01-T18-40-39 (rust ipc)
2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)
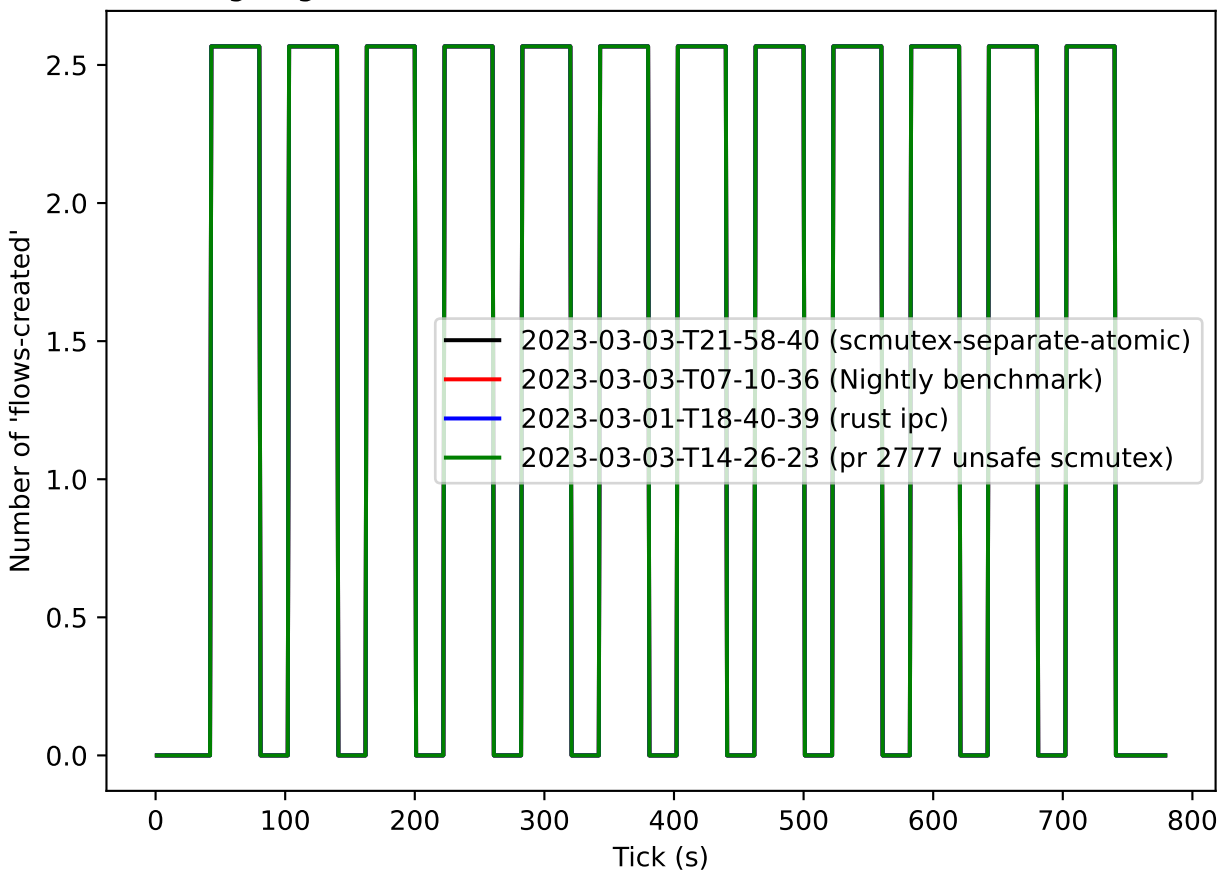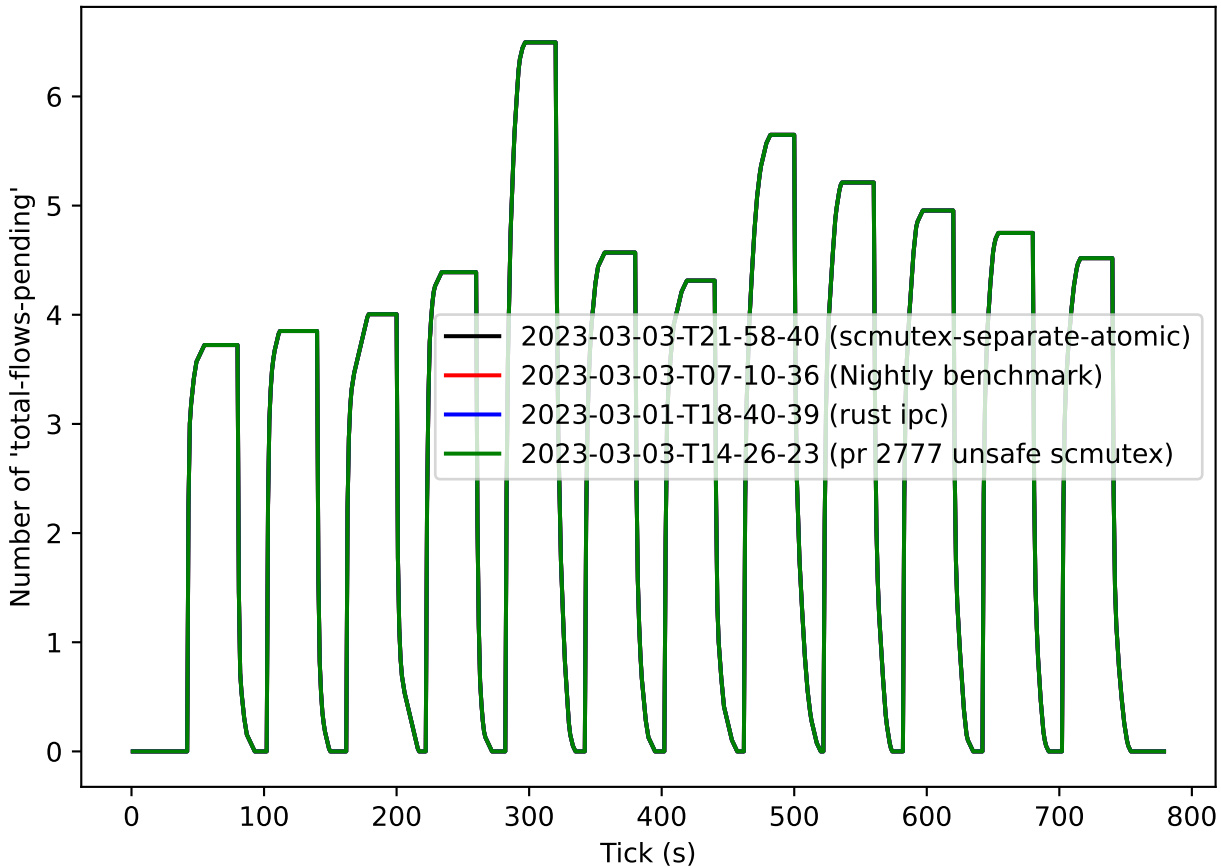
moving avg. sum of heartbeat 'flows-succeeded', all clients over time
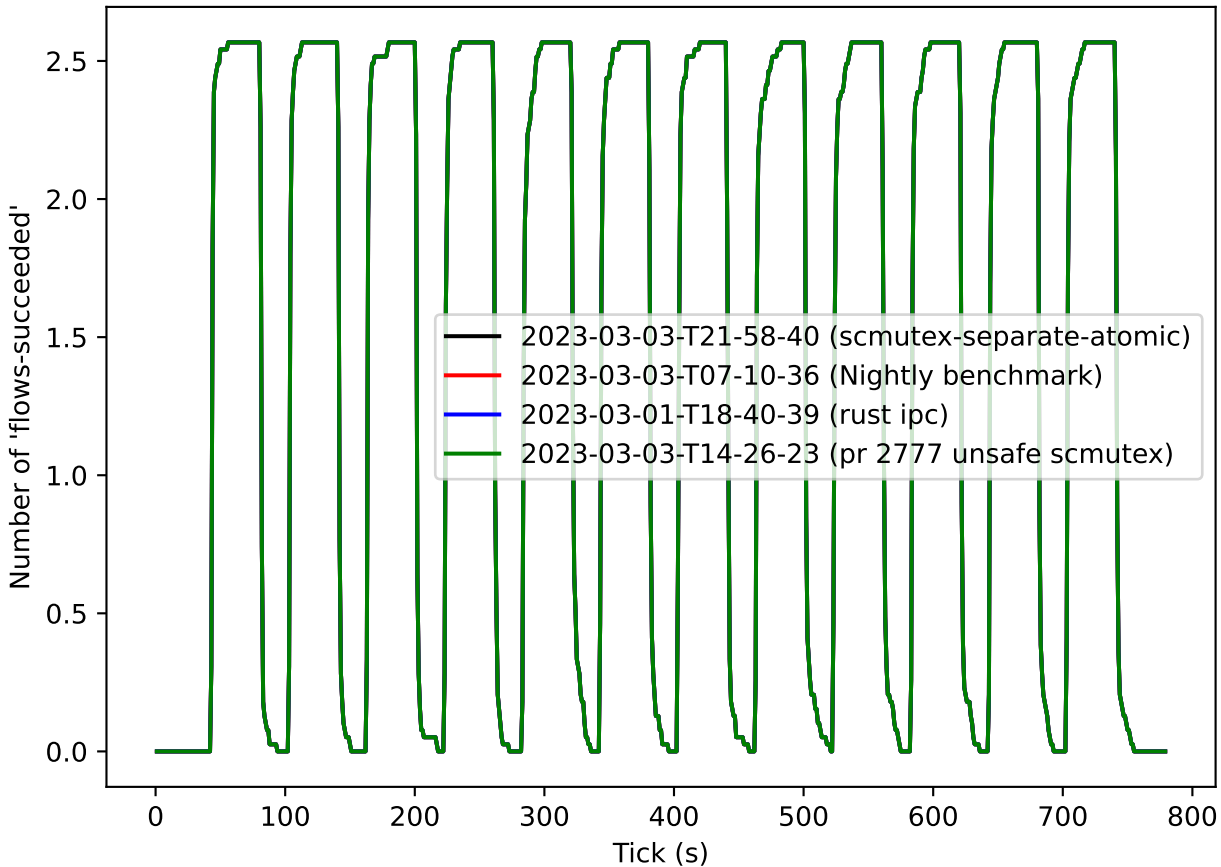
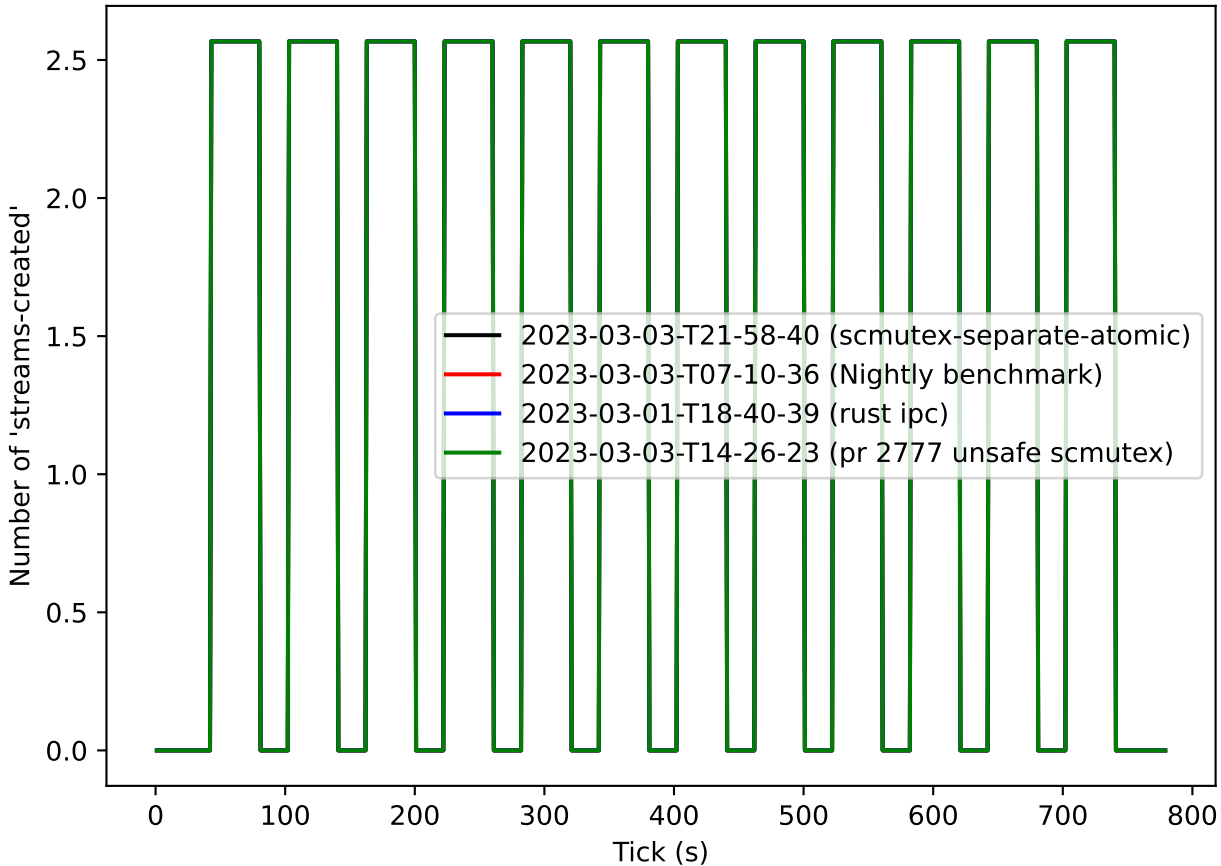moving avg. sum of heartbeat 'total-flows-pending', all clients over time
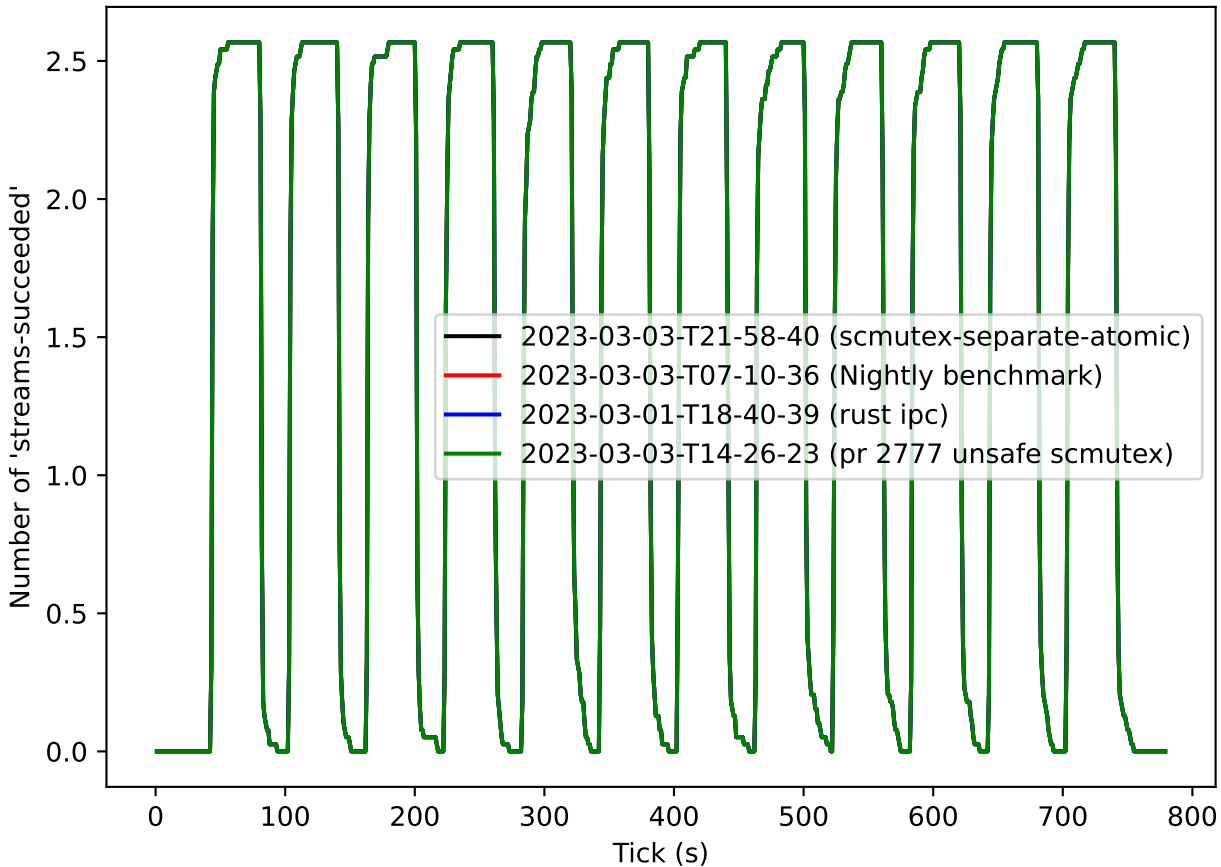
Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

X-axis: Tick (s)
Y-axis: Number of 'total-flows-pending'

moving avg. sum of heartbeat 'streams-created', all clients over time

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

Number of 'streams-created'

Tick (s)

moving avg. sum of heartbeat 'streams-succeeded', all clients over time

Legend:
- 2023-03-03-T21-58-40 (scmutex-separate-atomic)
- 2023-03-03-T07-10-36 (Nightly benchmark)
- 2023-03-01-T18-40-39 (rust ipc)
- 2023-03-03-T14-26-23 (pr 2777 unsafe scmutex)

moving avg. sum of heartbeat 'total-streams-pending', all clients over time