Cross-run-ID Comparison Report

(differences in bold)

MHZ_PER_CPU:
Md3vp: 3394
882HL: 3492

HELICS_VERSION:
Md3vp: 2.3.1
882HL: 2.3.1

GENERATOR:
Md3vp: Visual Studio 15 2017
882HL: Visual Studio 15 2017

SYSTEM:
Md3vp: Windows
882HL: Windows

SYSTEM_VERSION:
Md3vp: 10.0.18362
882HL: 10.0.17763

PLATFORM:
Md3vp:
882HL: x64

CXX_COMPILER:
Md3vp: MSVC
882HL: MSVC

CXX_COMPILER_VERSION:
Md3vp: 19.16.27026.1
882HL: 19.16.27034.0

BUILD_FLAGS_STRING:
Md3vp: /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14
882HL: /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

HOST_NAME:
Md3vp: SIRIUS
882HL: STEADMAN

HOST_PROCESSOR:
Md3vp: AMD64
882HL: AMD64

NUM_CPUS:
Md3vp: 32
882HL: 8

DATE:
Md3vp: 11/28/19 08:01:41
882HL: 01/10/20 13:56:24

LIBRARY_BUILD_TYPE:
Md3vp: release
882HL: release

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

federate_count

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

federate_count

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

real_time

federate_count

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: udp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: udp, cxx_compiler_version: 19.16.27034.0

real_time

federate_count

echoBenchmark: federate_count vs real_time

—	run_id: Md3vp, core_type: zmq, cxx_compiler_version: 19.16.27026.1
—	run_id: 882HL, core_type: zmq, cxx_compiler_version: 19.16.27034.0

echoBenchmark: federate_count vs real_time

—	run_id: Md3vp, core_type: zmqss, cxx_compiler_version: 19.16.27026.1
—	run_id: 882HL, core_type: zmqss, cxx_compiler_version: 19.16.27034.0

echoMessageBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

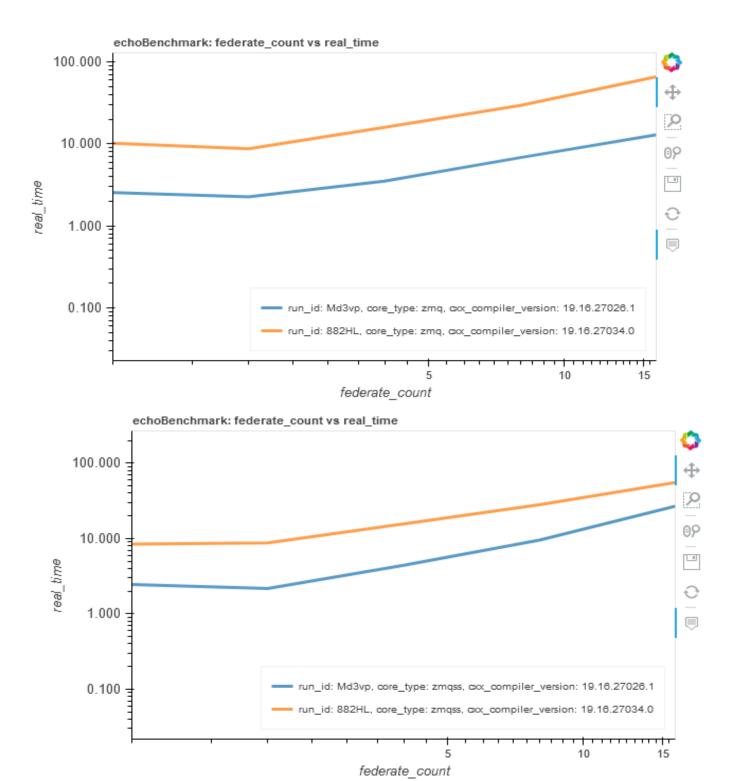**echoMessageBenchmark: federate_count vs real_time**

run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
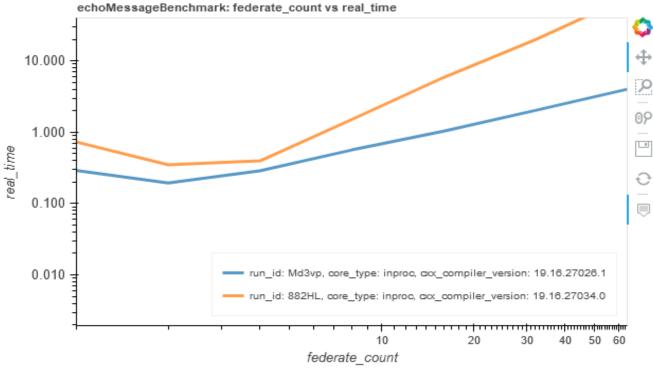- run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

Axes: real_time (y), federate_count (x)

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: udp, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: udp, cxx_compiler_version: 19.16.27034.0

Axes: real_time (y), federate_count (x)
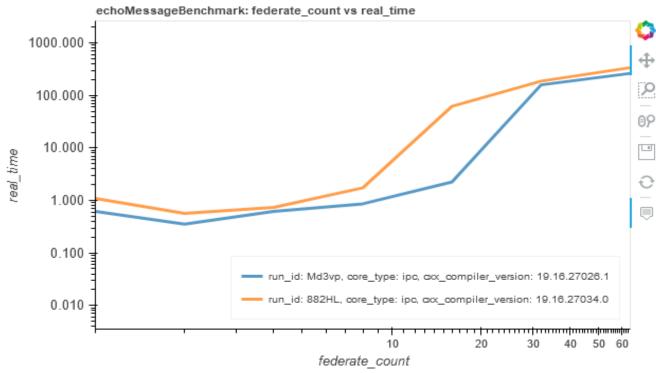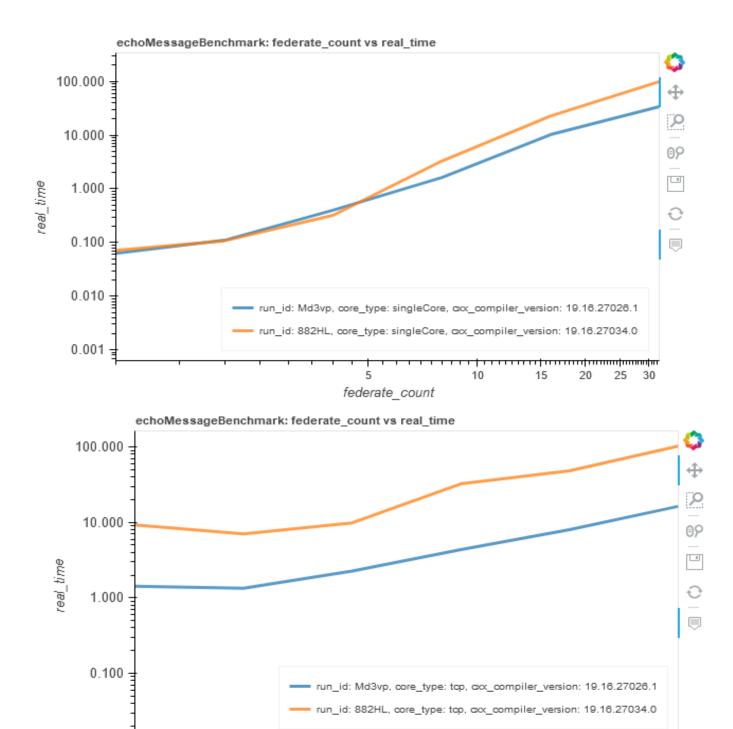
echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: zmq, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: zmq, cxx_compiler_version: 19.16.27034.0

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: zmqss, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: zmqss, cxx_compiler_version: 19.16.27034.0

messageLookup, fed_ct=2: interface_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

messageLookup, fed_ct=64: interface_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

messageLookup, fed_ct=8: interface_count vs real_time

- run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

- run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: udp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: udp, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: zmq, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: zmq, cxx_compiler_version: 19.16.27034.0

messageSend, msg_ct=1: message_size vs real_time

run_id: Md3vp, core_type: zmqss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: zmqss, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

- run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

- run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

messageSend, msg_sz=1: message_count vs real_time

messageSend, msg_sz=1: message_count vs real_time

messageSend, msg_sz=1: message_count vs real_time

- run_id: Md3vp, core_type: zmqss, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: zmqss, cxx_compiler_version: 19.16.27034.0

messageSend, singleCore: message_size vs real_time

- run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

Legend:
- run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
- run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: singleCore, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: singleCore, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: udp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: udp, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmq, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: zmq, cxx_compiler_version: 19.16.27034.0

pholdBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmqss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: zmqss, cxx_compiler_version: 19.16.27034.0

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: inproc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: inproc, cxx_compiler_version: 19.16.27034.0

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: ipc, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: ipc, cxx_compiler_version: 19.16.27034.0

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcp, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcp, cxx_compiler_version: 19.16.27034.0

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcpss, cxx_compiler_version: 19.16.27026.1
run_id: 882HL, core_type: tcpss, cxx_compiler_version: 19.16.27034.0

ringBenchmark: federate_count vs real_time

— run_id: Md3vp, core_type: udp, cxx_compiler_version: 19.16.27026.1
— run_id: 882HL, core_type: udp, cxx_compiler_version: 19.16.27034.0

federate_count

real_time

ringBenchmark: federate_count vs real_time

— run_id: Md3vp, core_type: zmq, cxx_compiler_version: 19.16.27026.1
— run_id: 882HL, core_type: zmq, cxx_compiler_version: 19.16.27034.0

federate_count

real_time

ringBenchmark: federate_count vs real_time