Cross-run-ID Comparison Report

(differences in bold)

MHZ_PER_CPU:
Md3vp: 3394
p8BJW: 3394

HELICS_VERSION:
Md3vp: 2.3.1
p8BJW: 2.3.1

GENERATOR:
Md3vp: Visual Studio 15 2017
p8BJW: MSYS Makefiles

SYSTEM:
Md3vp: Windows
p8BJW: Windows

SYSTEM_VERSION:
Md3vp: 10.0.18362
p8BJW: 10.0.18362

PLATFORM:
Md3vp:
p8BJW:

CXX_COMPILER:
Md3vp: MSVC
p8BJW: GNU

CXX_COMPILER_VERSION:
Md3vp: 19.16.27026.1
p8BJW: 9.2.0

BUILD_FLAGS_STRING:
Md3vp: /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64
/EHsc;/std:c++14
p8BJW: -O3 -DNDEBUG $<$<COMPILE_LANGUAGE:CXX>:-std=c++14>

HOST_NAME:
Md3vp: SIRIUS
p8BJW: SIRIUS

HOST_PROCESSOR:
Md3vp: AMD64
p8BJW: AMD64

NUM_CPUS:
Md3vp: 32
p8BJW: 32

DATE:
Md3vp: 11/28/19 08:01:41
p8BJW: 11/28/19 15:47:59

LIBRARY_BUILD_TYPE:
Md3vp: release
p8BJW: release

echoBenchmark: federate_count vs real_time

Legend:
— run_id: Md3vp, core_type: inproc, generator: Visual Studio 15 2017
— run_id: p8BJW, core_type: inproc, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

Legend:
— run_id: Md3vp, core_type: ipc, generator: Visual Studio 15 2017
— run_id: p8BJW, core_type: ipc, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: singleCore, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: singleCore, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcp, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: tcp, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcpss, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: tcpss, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: udp, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: udp, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmq, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: zmq, generator: MSYS Makefiles

echoBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmqss, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: zmqss, generator: MSYS Makefiles

messageLookup, fed_ct=2: interface_count vs real_time

Legend:
- run_id: Md3vp, core_type: inproc, generator: Visual Studio 15 2017
- run_id: p8BJW, core_type: inproc, generator: MSYS Makefiles

Y-axis: real_time (10^{-3} to 10^{3})
X-axis: interface_count (10^{2} to 10^{5})

messageLookup, fed_ct=64: interface_count vs real_time

Legend:
- run_id: Md3vp, core_type: inproc, generator: Visual Studio 15 2017
- run_id: p8BJW, core_type: inproc, generator: MSYS Makefiles

Y-axis: real_time (10^{1} to 10^{2})
X-axis: interface_count (10^{2} to 10^{5})

messageLookup, fed_ct=8: interface_count vs real_time

— run_id: Md3vp, core_type: inproc, generator: Visual Studio 15 2017
— run_id: p8BJW, core_type: inproc, generator: MSYS Makefiles

ringBenchmark: federate_count vs real_time

— run_id: Md3vp, core_type: inproc, generator: Visual Studio 15 2017
— run_id: p8BJW, core_type: inproc, generator: MSYS Makefiles

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: ipc, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: ipc, generator: MSYS Makefiles

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: tcp, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: tcp, generator: MSYS Makefiles

ringBenchmark: federate_count vs real_time

real_time

100.000

10.000

1.000

0.100

run_id: Md3vp, core_type: tcpss, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: tcpss, generator: MSYS Makefiles

5   10   15

federate_count

ringBenchmark: federate_count vs real_time

real_time

100.000

10.000

1.000

0.100

run_id: Md3vp, core_type: udp, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: udp, generator: MSYS Makefiles

5   10   15

federate_count

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmq, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: zmq, generator: MSYS Makefiles

ringBenchmark: federate_count vs real_time

run_id: Md3vp, core_type: zmqss, generator: Visual Studio 15 2017
run_id: p8BJW, core_type: zmqss, generator: MSYS Makefiles