Cross-run-ID Comparison Report

(differences in bold)

MHZ_PER_CPU:
Zu60n: 2295
882HL: 3492

HELICS_VERSION:
Zu60n: 2.3.1
882HL: 2.3.1

GENERATOR:
Zu60n: Visual Studio 16 2019
882HL: Visual Studio 15 2017

SYSTEM:
Zu60n: Windows
882HL: Windows

SYSTEM_VERSION:
Zu60n: 10.0.17763
882HL: 10.0.17763

PLATFORM:
Zu60n: x64
882HL: x64

CXX_COMPILER:
Zu60n: MSVC
882HL: MSVC

CXX_COMPILER_VERSION:
Zu60n: 19.23.28106.4
882HL: 19.16.27034.0

BUILD_FLAGS_STRING:
Zu60n: /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:
Zu60n: HERSCHEL
882HL: STEADMAN
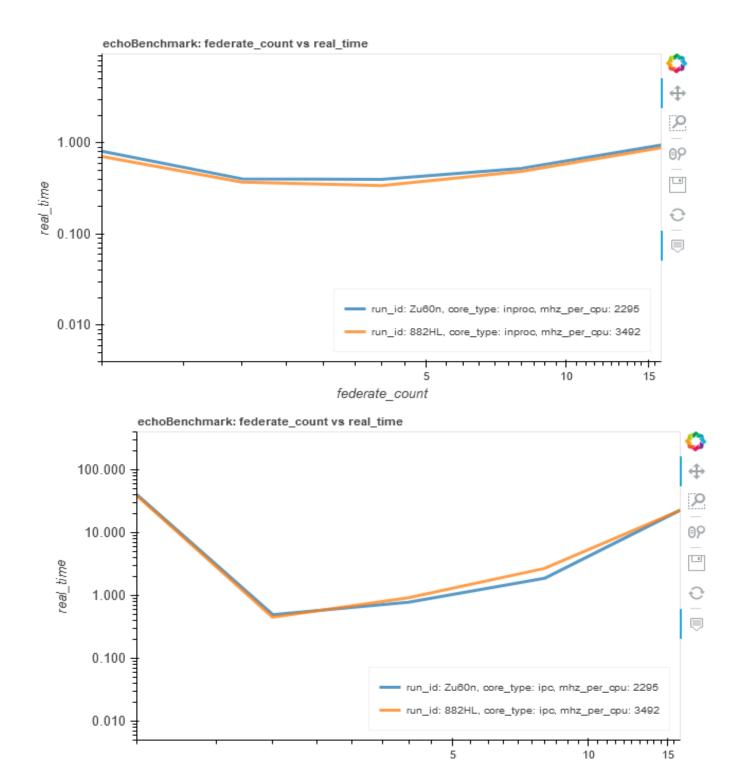
HOST_PROCESSOR:
Zu60n: AMD64
882HL: AMD64

NUM_CPUS:
Zu60n: 8
882HL: 8

DATE:
Zu60n: 12/02/19 10:36:33
882HL: 01/10/20 13:56:24

LIBRARY_BUILD_TYPE:
Zu60n: release
882HL: release

echoBenchmark: federate_count vs real_time

real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

federate_count

echoBenchmark: federate_count vs real_time

real_time

run_id: Zu60n, core_type: ipc, mhz_per_cpu: 2295
run_id: 882HL, core_type: ipc, mhz_per_cpu: 3492

federate_count

echoBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: singleCore, mhz_per_cpu: 2295
- run_id: 882HL, core_type: singleCore, mhz_per_cpu: 3492

echoBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
- run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

echoBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: zmqss, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmqss, mhz_per_cpu: 3492

echoMessageBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: ipc, mhz_per_cpu: 2295
- run_id: 882HL, core_type: ipc, mhz_per_cpu: 3492

echoMessageBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: singleCore, mhz_per_cpu: 2295
- run_id: 882HL, core_type: singleCore, mhz_per_cpu: 3492

echoMessageBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

federate_count

echoMessageBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: zmqss, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmqss, mhz_per_cpu: 3492

federate_count

messageLookup, fed_ct=2: interface_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

messageLookup, fed_ct=64: interface_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

messageLookup, fed_ct=8: interface_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

messageSend, msg_ct=1: message_size vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

messageSend, msg_ct=1: message_size vs real_time

run_id: Zu60n, core_type: ipc, mhz_per_cpu: 2295
run_id: 882HL, core_type: ipc, mhz_per_cpu: 3492

messageSend, msg_ct=1: message_size vs real_time

run_id: Zu60n, core_type: singleCore, mhz_per_cpu: 2295
run_id: 882HL, core_type: singleCore, mhz_per_cpu: 3492

messageSend, msg_ct=1: message_size vs real_time

run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

message_size

messageSend, msg_ct=1: message_size vs real_time

run_id: Zu60n, core_type: zmqss, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmqss, mhz_per_cpu: 3492

message_size

messageSend, msg_sz=1: message_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

messageSend, msg_sz=1: message_count vs real_time

run_id: Zu60n, core_type: ipc, mhz_per_cpu: 2295
run_id: 882HL, core_type: ipc, mhz_per_cpu: 3492

messageSend, msg_sz=1: message_count vs real_time

run_id: Zu60n, core_type: singleCore, mhz_per_cpu: 2295
run_id: 882HL, core_type: singleCore, mhz_per_cpu: 3492

messageSend, msg_sz=1: message_count vs real_time

run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

messageSend, msg_sz=1: message_count vs real_time

messageSend, singleCore: message_size vs real_time

pholdBenchmark: federate_count vs real_time

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run_id: Zu60n, core_type: singleCore, mhz_per_cpu: 2295
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pholdBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

pholdBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: zmqss, mhz_per_cpu: 2295
run_id: 882HL, core_type: zmqss, mhz_per_cpu: 3492

ringBenchmark: federate_count vs real_time

run_id: Zu60n, core_type: inproc, mhz_per_cpu: 2295
run_id: 882HL, core_type: inproc, mhz_per_cpu: 3492

ringBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: ipc, mhz_per_cpu: 2295
- run_id: 882HL, core_type: ipc, mhz_per_cpu: 3492

ringBenchmark: federate_count vs real_time

Legend:
- run_id: Zu60n, core_type: zmq, mhz_per_cpu: 2295
- run_id: 882HL, core_type: zmq, mhz_per_cpu: 3492

ringBenchmark: federate_count vs real_time