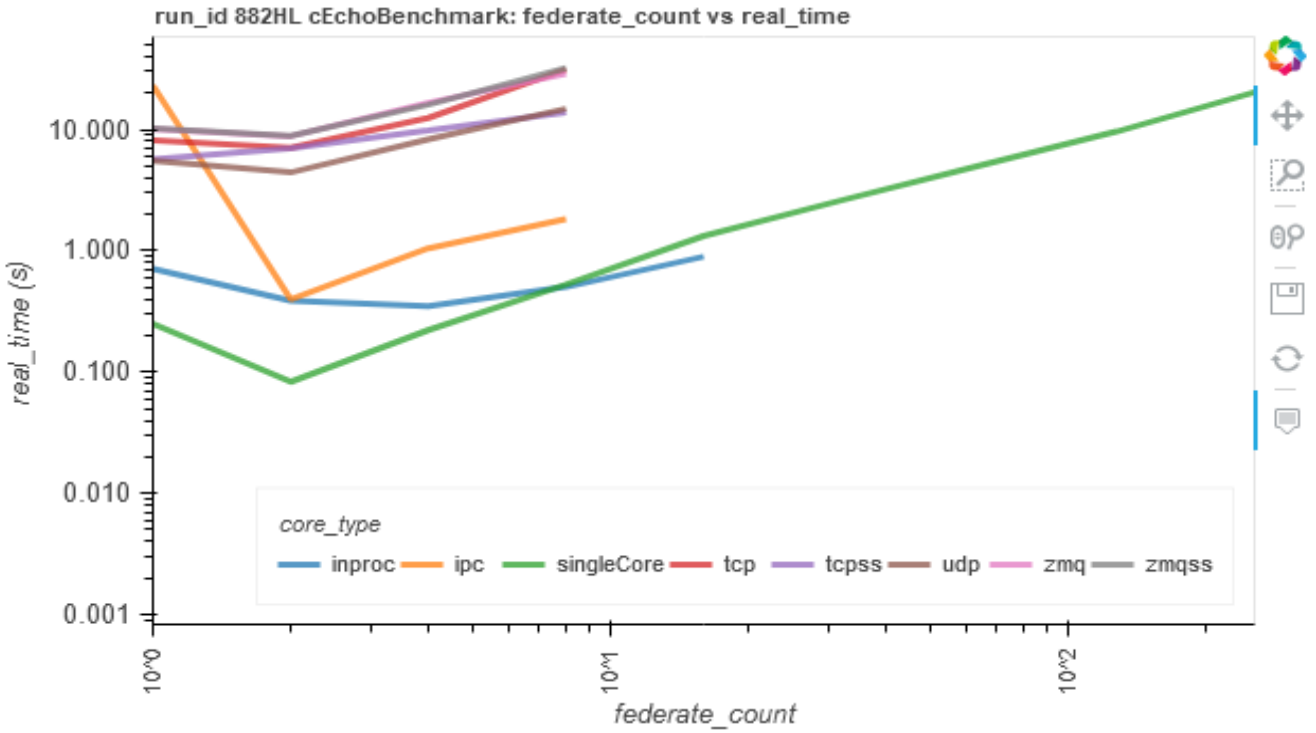
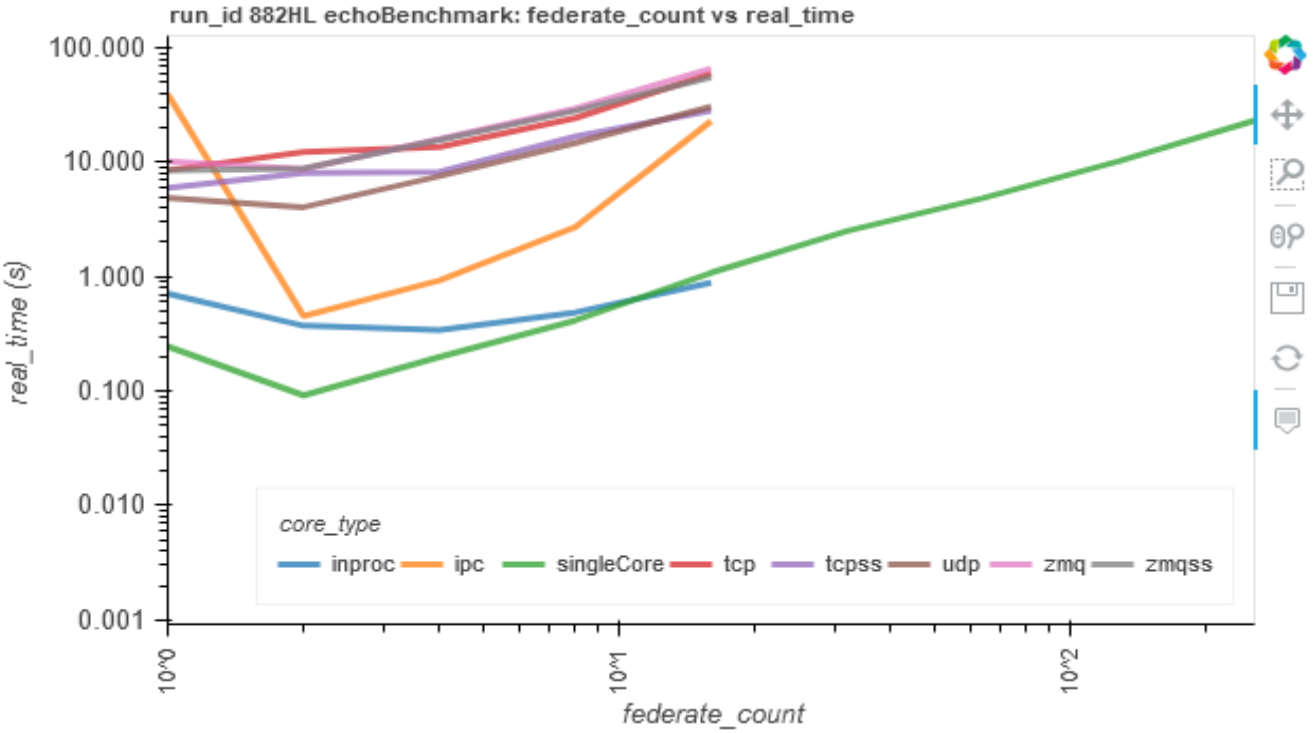
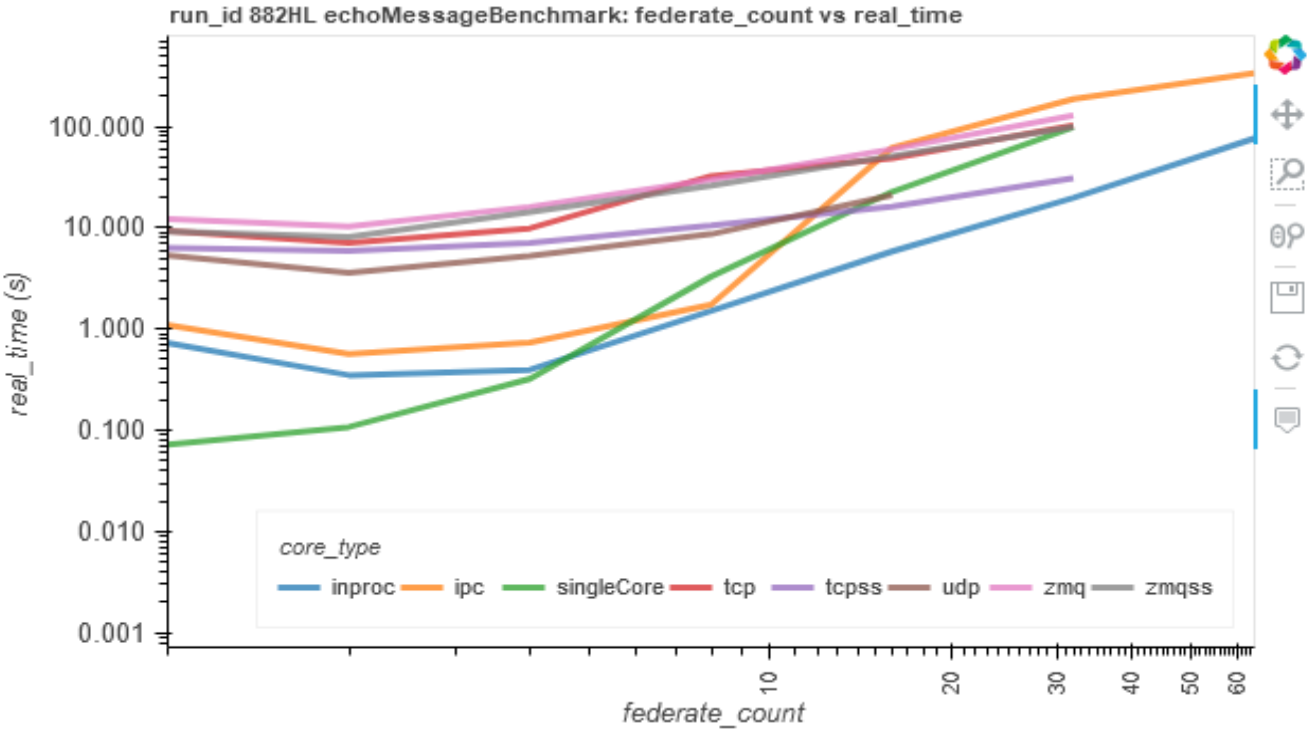
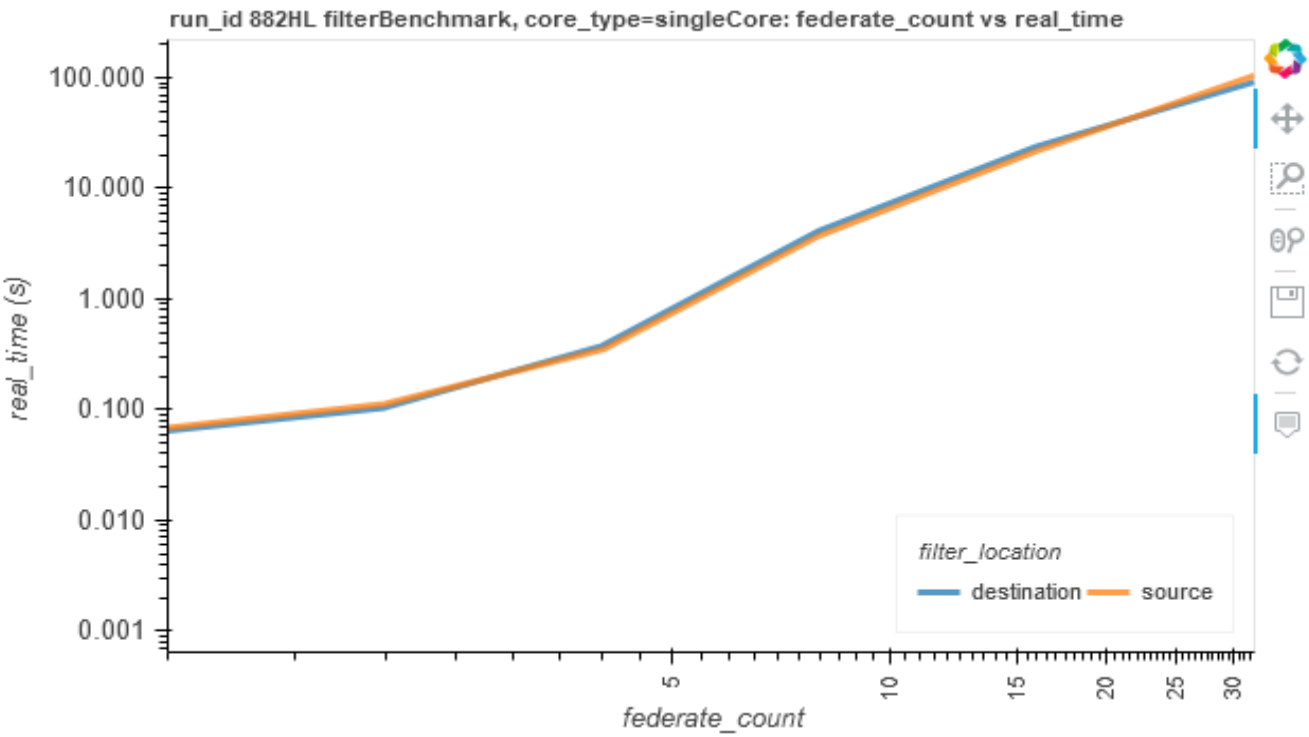
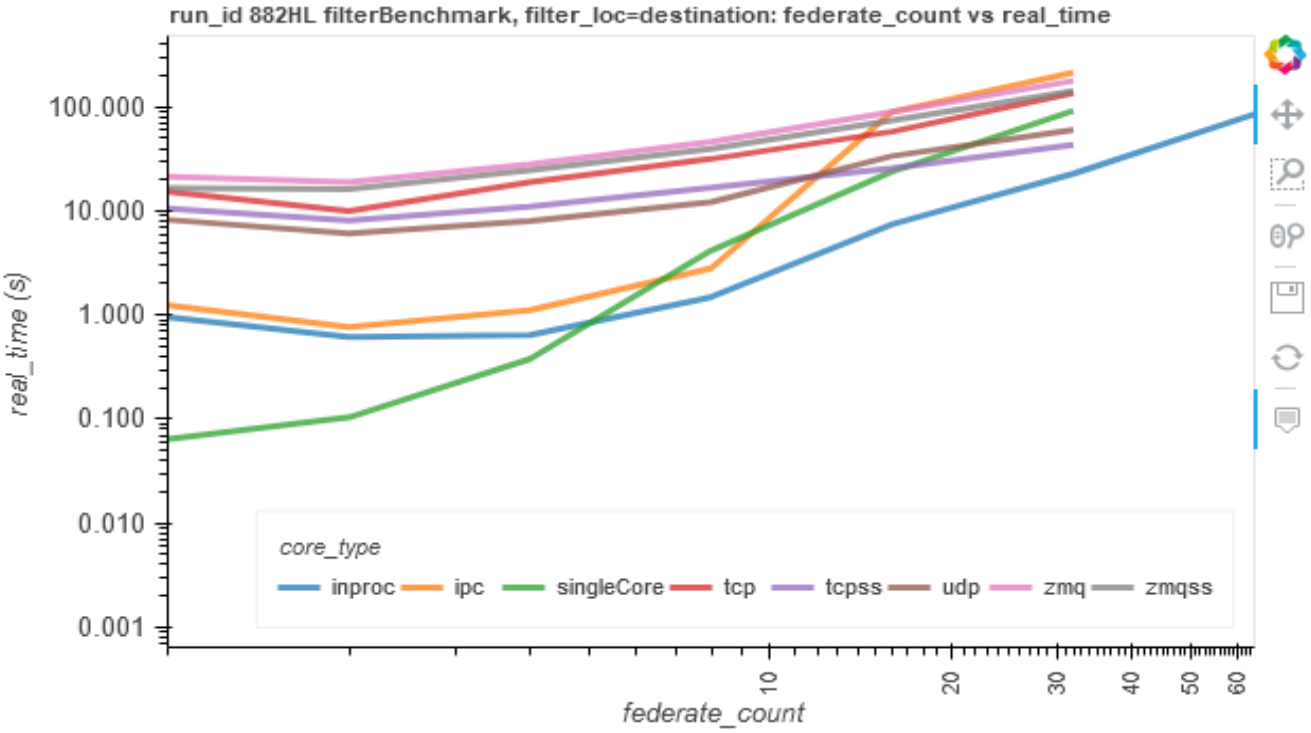
```
run ID:                  882HL
Timestamp:               01/10/20 13:56:24
HELICS version:          2.3.1
generator:               Visual Studio 15 2017
system:                  Windows
system version:          10.0.17763
platform:                x64
C++ compiler:            MSVC
C++ compiler version:    19.16.27034.0
compiler string:          /DWIN32 /D_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14
host name:               STEADMAN
host processor:          AMD64
CPU core count:          8
processor speed (MHz):   3492
```

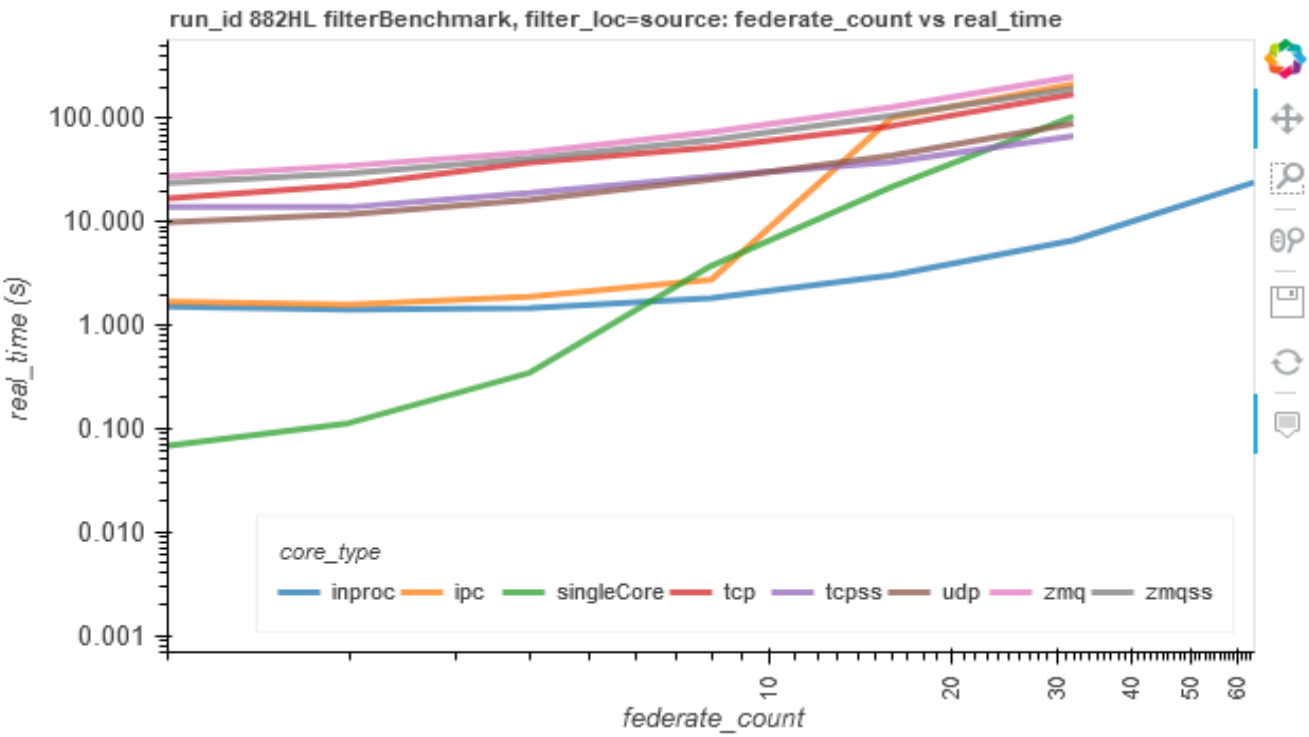


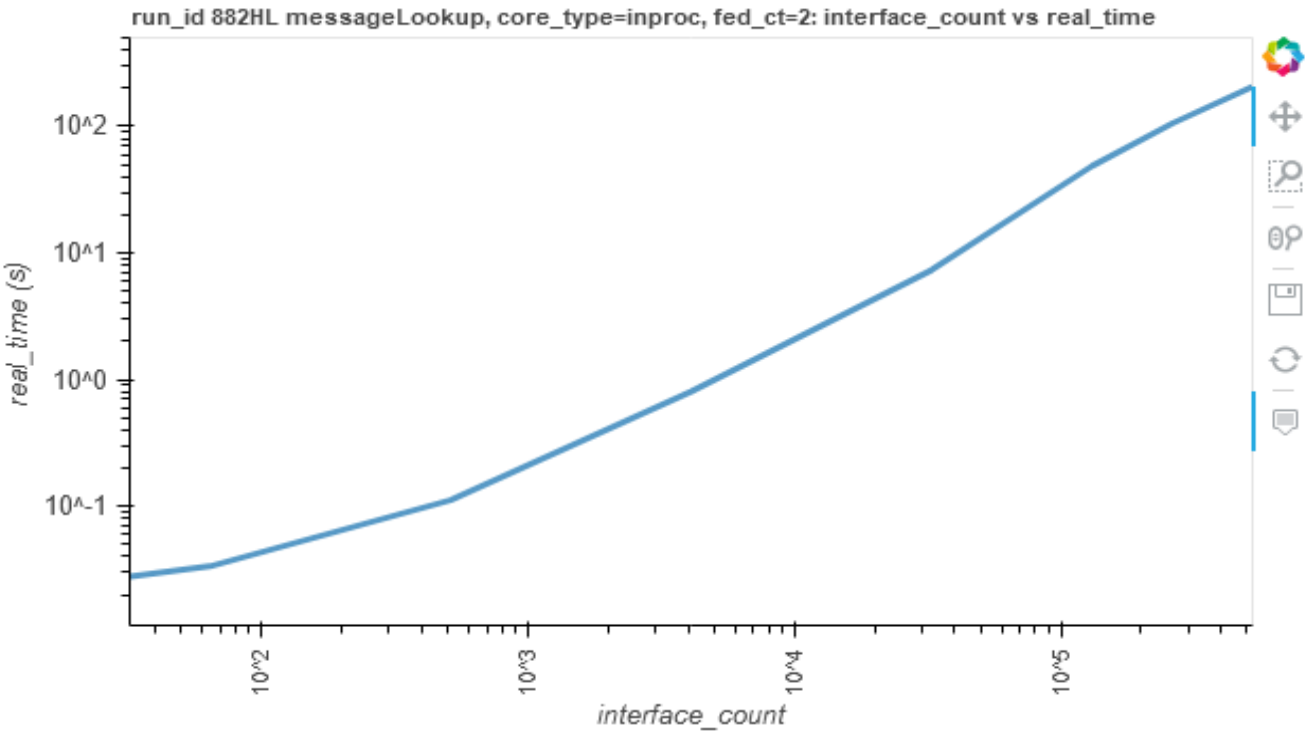


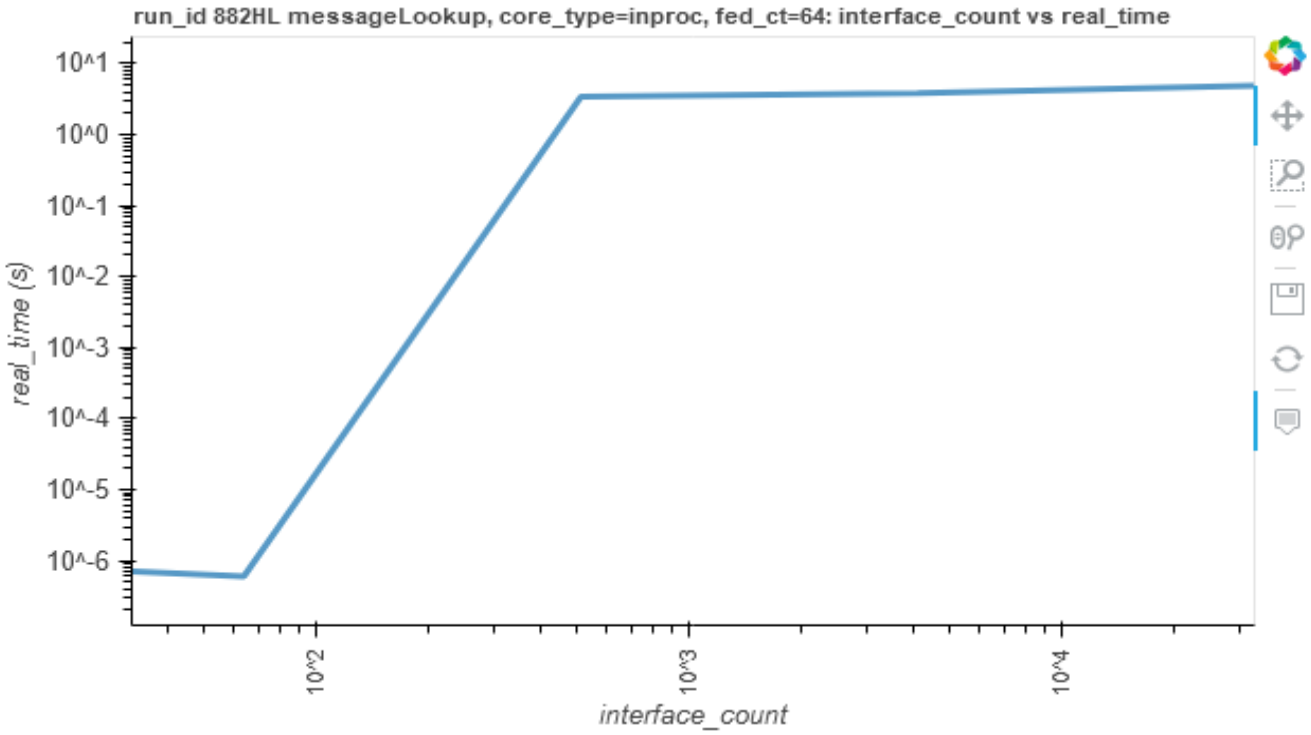

run_id 882HL echoMessageBenchmark: federate_count vs real_time
real_time (s)
100.000
10.000
1.000
0.100
0.010
0.001
core_type
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss
10
20
30
40
50
60
federate_count

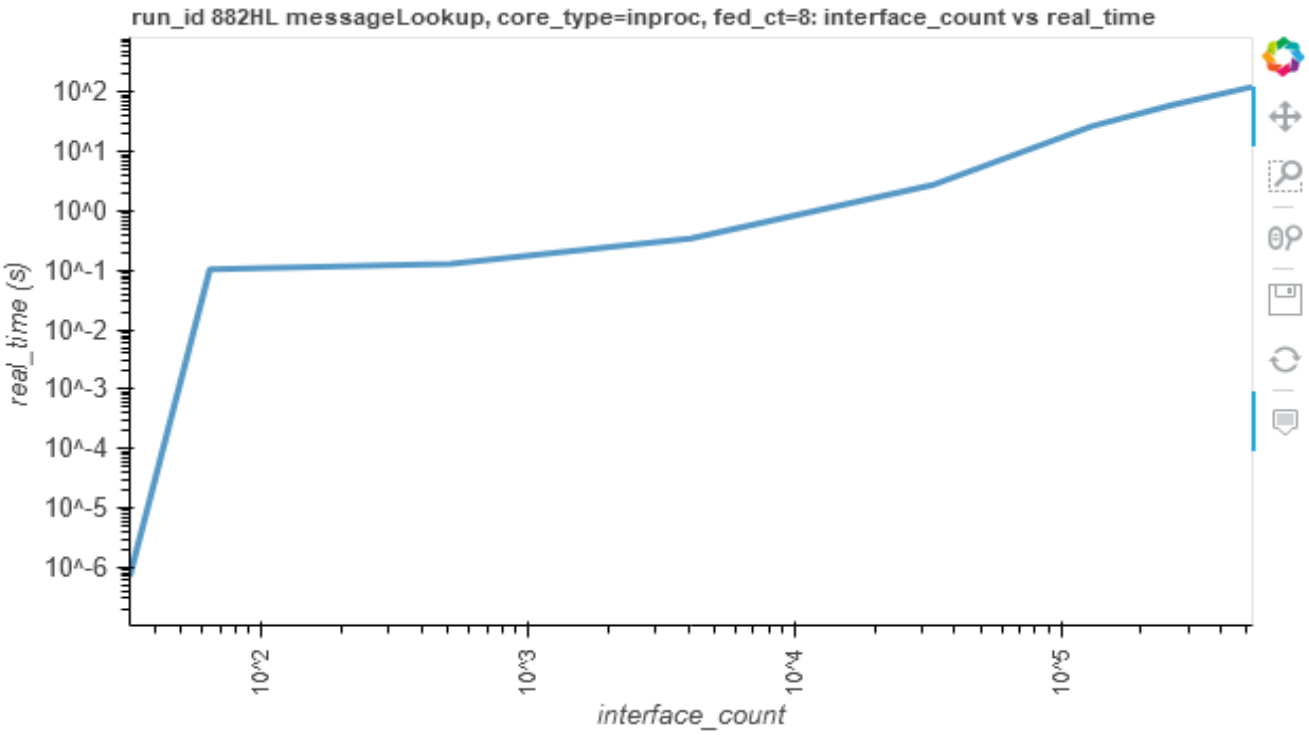

run_id 882HL filterBenchmark, core_type=singleCore: federate_count vs real_time
real_time (s)
100.000
10.000
1.000
0.100
0.010
0.001
filter_location
destination
source
5
10
15
20
25
30
federate_count

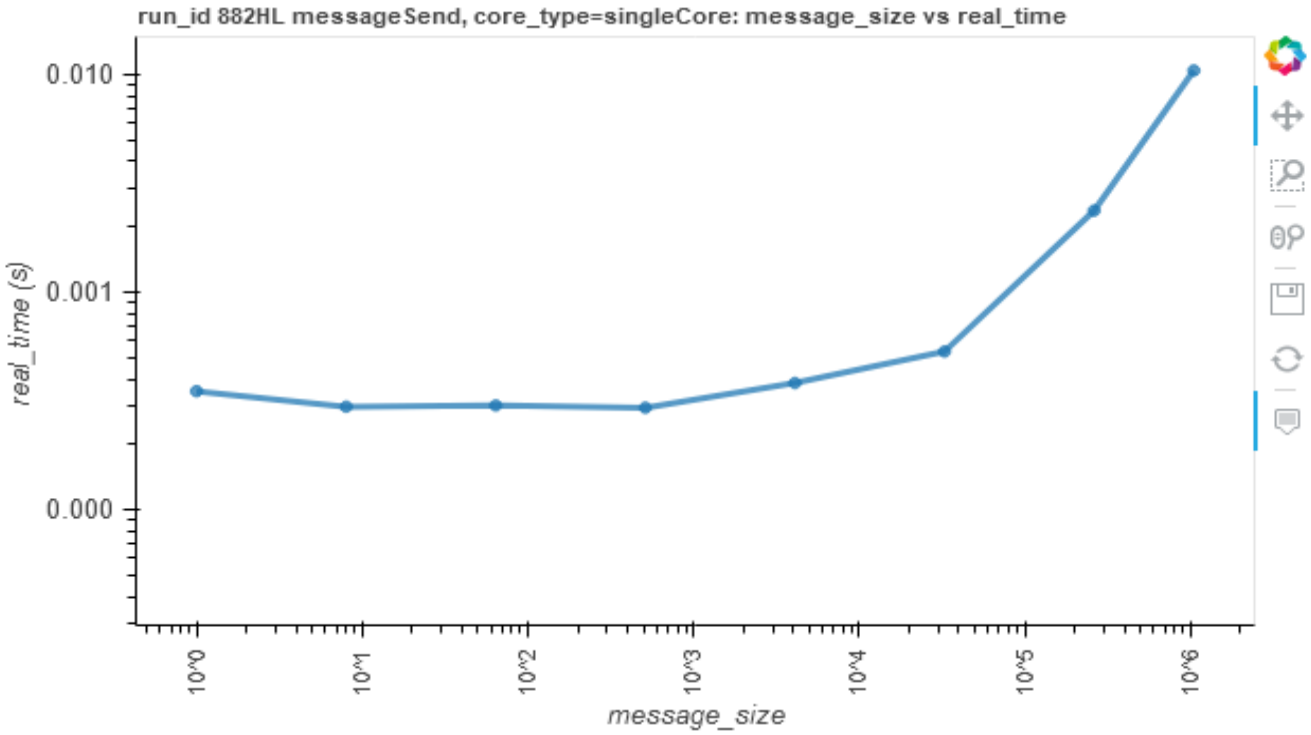

run_id 882HL filterBenchmark, filter_loc=destination: federate_count vs real_time
real_time (s)
100.000
10.000
1.000
0.100
0.010
0.001
10
20
30
40
50
60
federate_count
core_type
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss

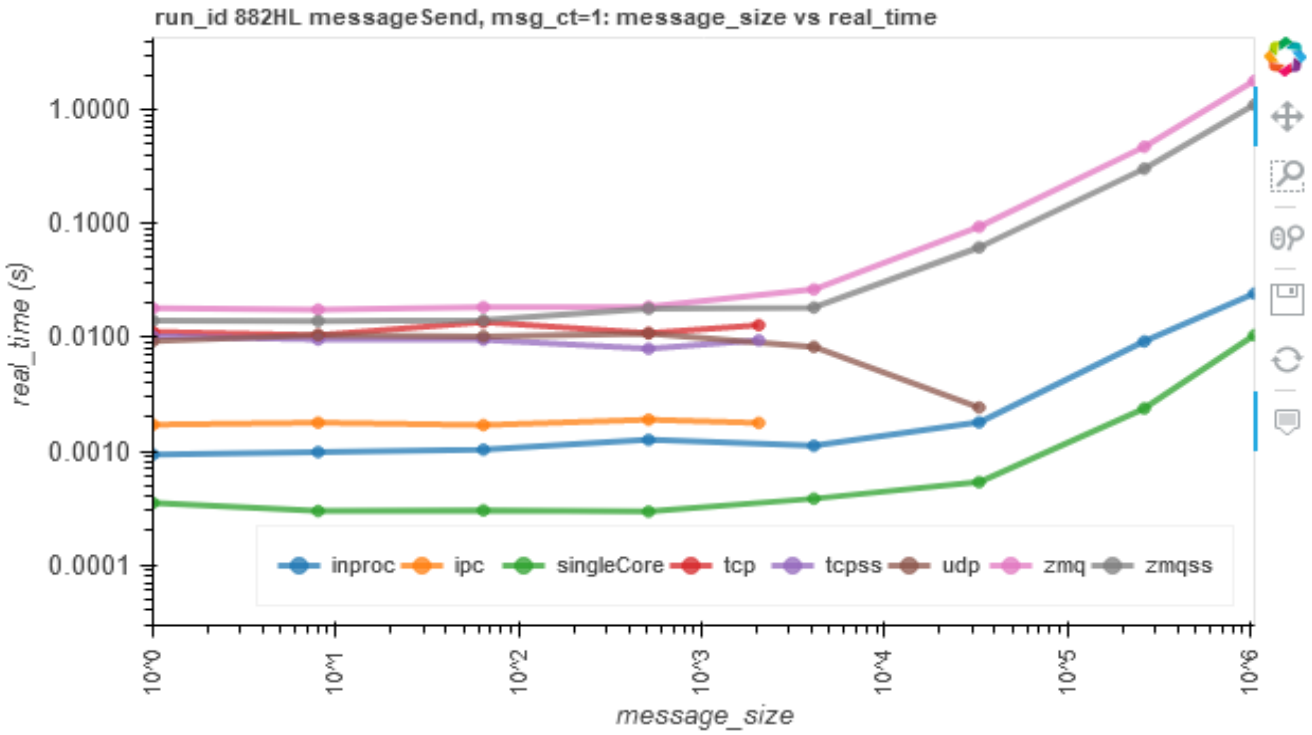

run_id 882HL filterBenchmark, filter_loc=source: federate_count vs real_time
real_time (s)
100.000
10.000
1.000
0.100
0.010
0.001
10
20
30
40
50
60
federate_count
core_type
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss

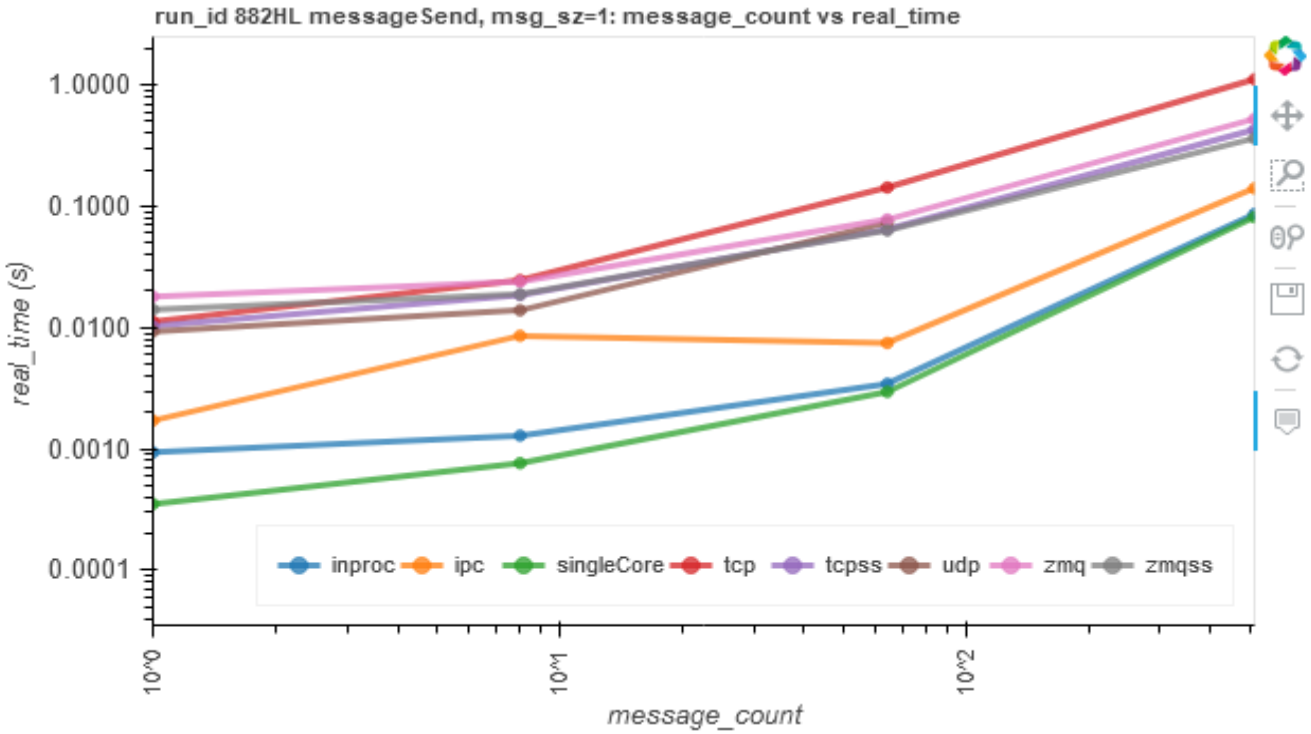

run_id 882HL messageLookup, core_type=inproc, fed_ct=2: interface_count vs real_time
real_time (s)
10^2
10^1
10^0
10^-1
10^2
10^3
10^4
10^5
interface_count

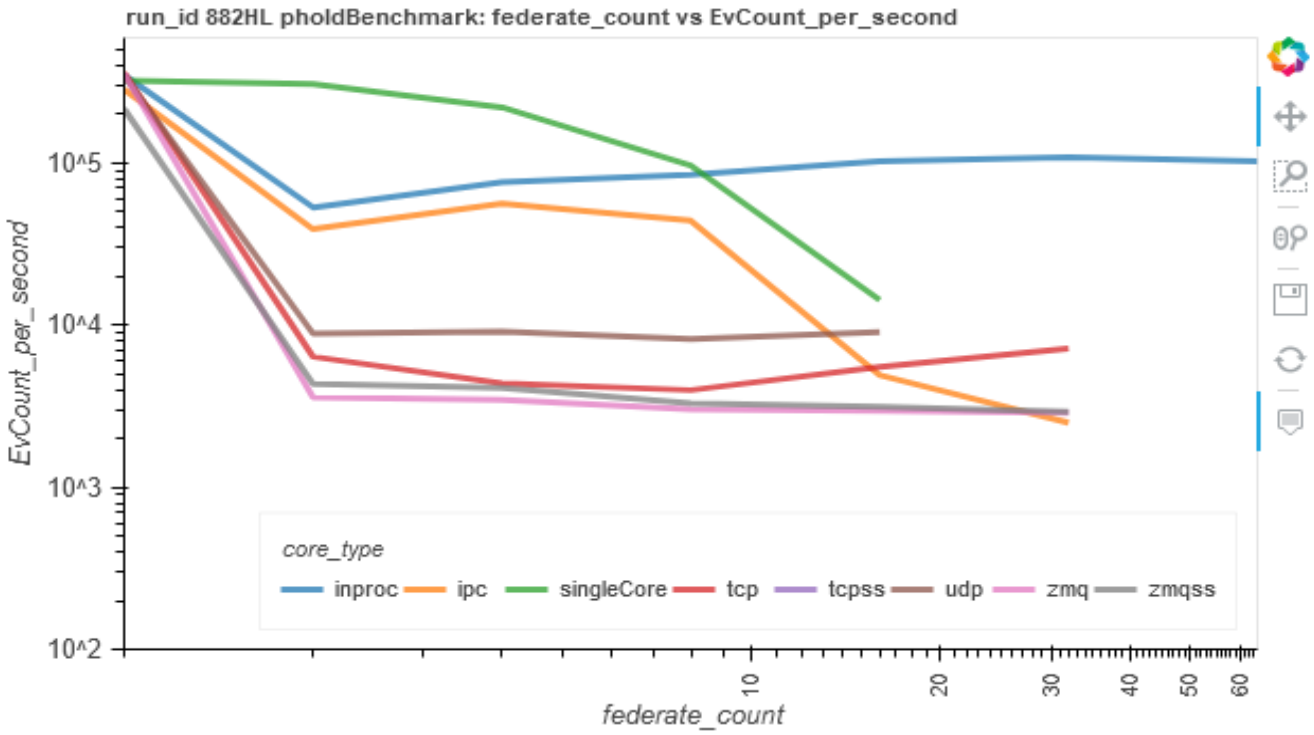

run_id 882HL messageLookup, core_type=inproc, fed_ct=64: interface_count vs real_time
real_time (s)
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^2
10^3
10^4
interface_count

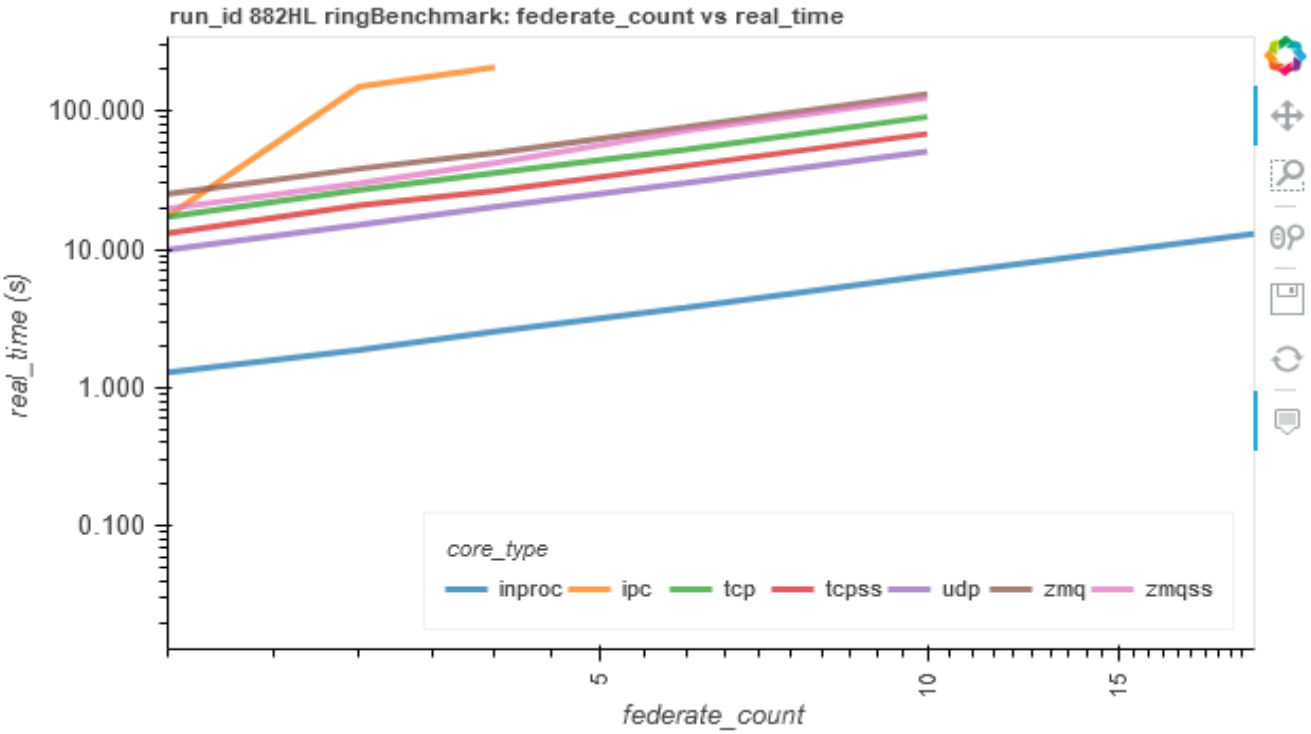

run_id 882HL messageLookup, core_type=inproc, fed_ct=8: interface_count vs real_time
real_time (s)
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
10^2
10^3
10^4
10^5
interface_count

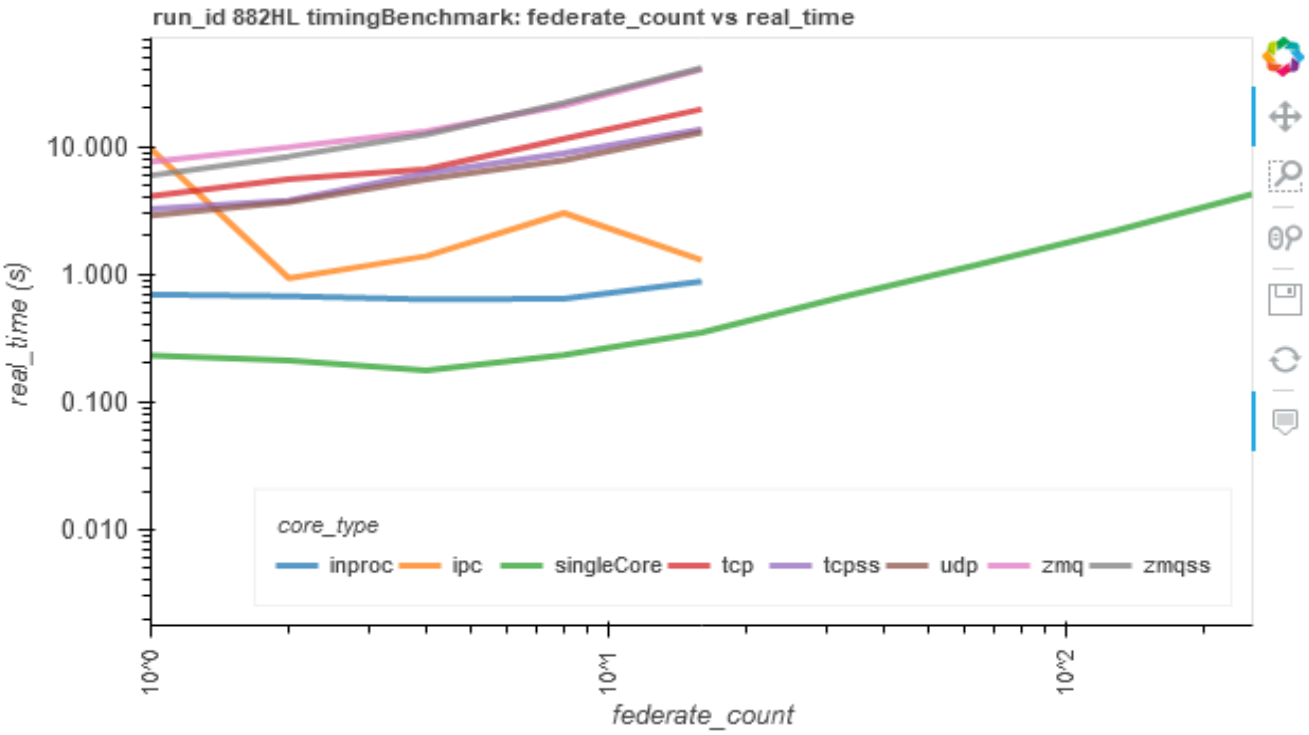

run_id 882HL messageSend, core_type=singleCore: message_size vs real_time
real_time (s)
0.010
0.001
0.000
10^0
10^1
10^2
10^3
10^4
10^5
10^6
message_size


run_id 882HL messageSend, msg_ct=1: message_size vs real_time
real_time (s)
1.0000
0.1000
0.0100
0.0010
0.0001
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss
10^0
10^1
10^2
10^3
10^4
10^5
10^6
message_size


run_id 882HL messageSend, msg_sz=1: message_count vs real_time
real_time (s)
1.0000
0.1000
0.0100
0.0010
0.0001
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss
10^0
10^1
10^2
message_count


run_id 882HL pholdBenchmark: federate_count vs EvCount_per_second
EvCount_per_second
10^5
10^4
10^3
10^2
federate_count
10
20
30
40
50
60
core_type
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss


run_id 882HL ringBenchmark: federate_count vs real_time
real_time (s)
100.000
10.000
1.000
0.100
federate_count
5
10
15
core_type
inproc
ipc
tcp
tcpss
udp
zmq
zmqss


run_id 882HL timingBenchmark: federate_count vs real_time
real_time (s)
10.000
1.000
0.100
0.010
10^0
10^1
10^2
federate_count
core_type
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss