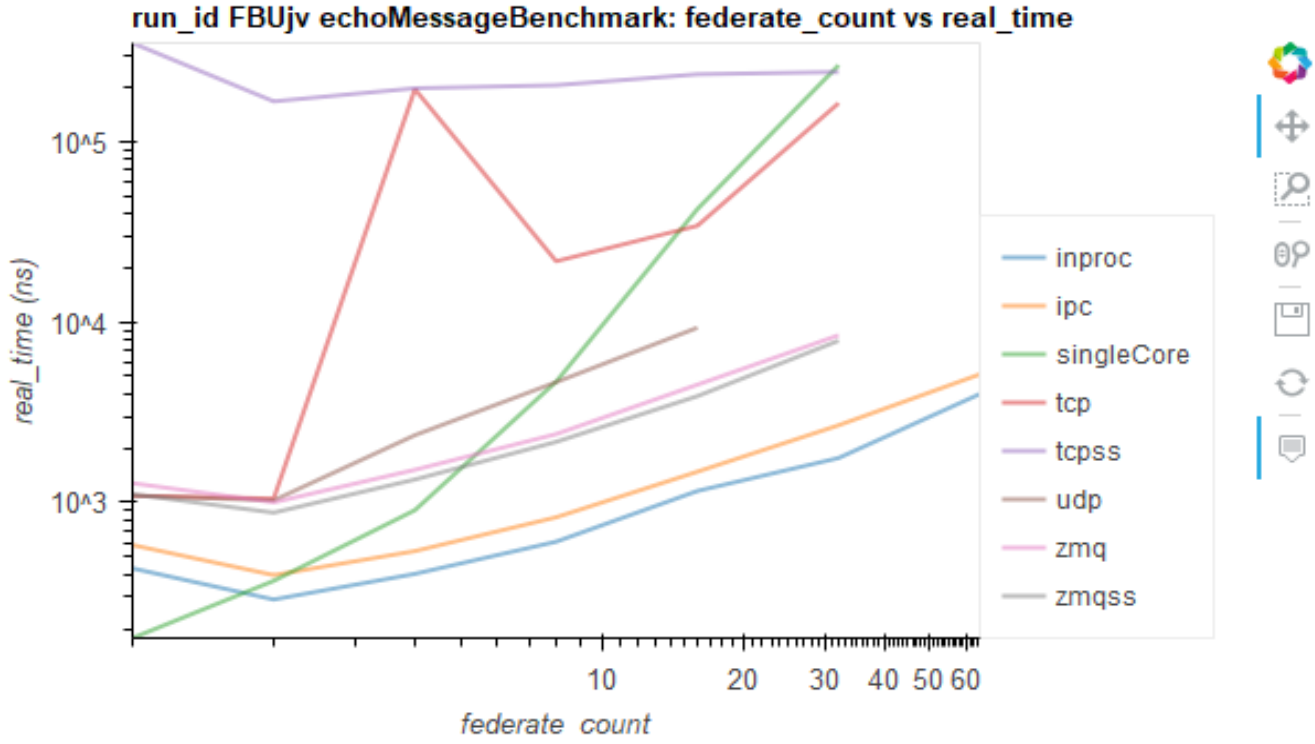
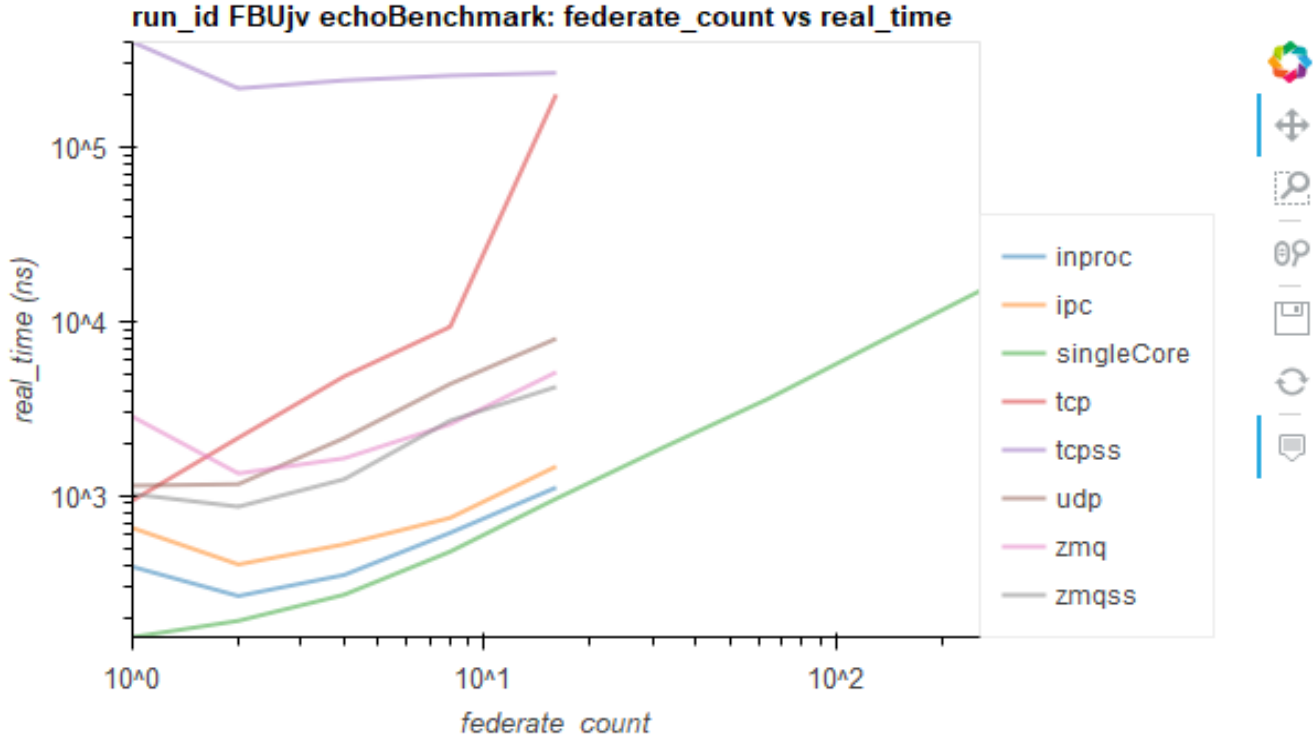
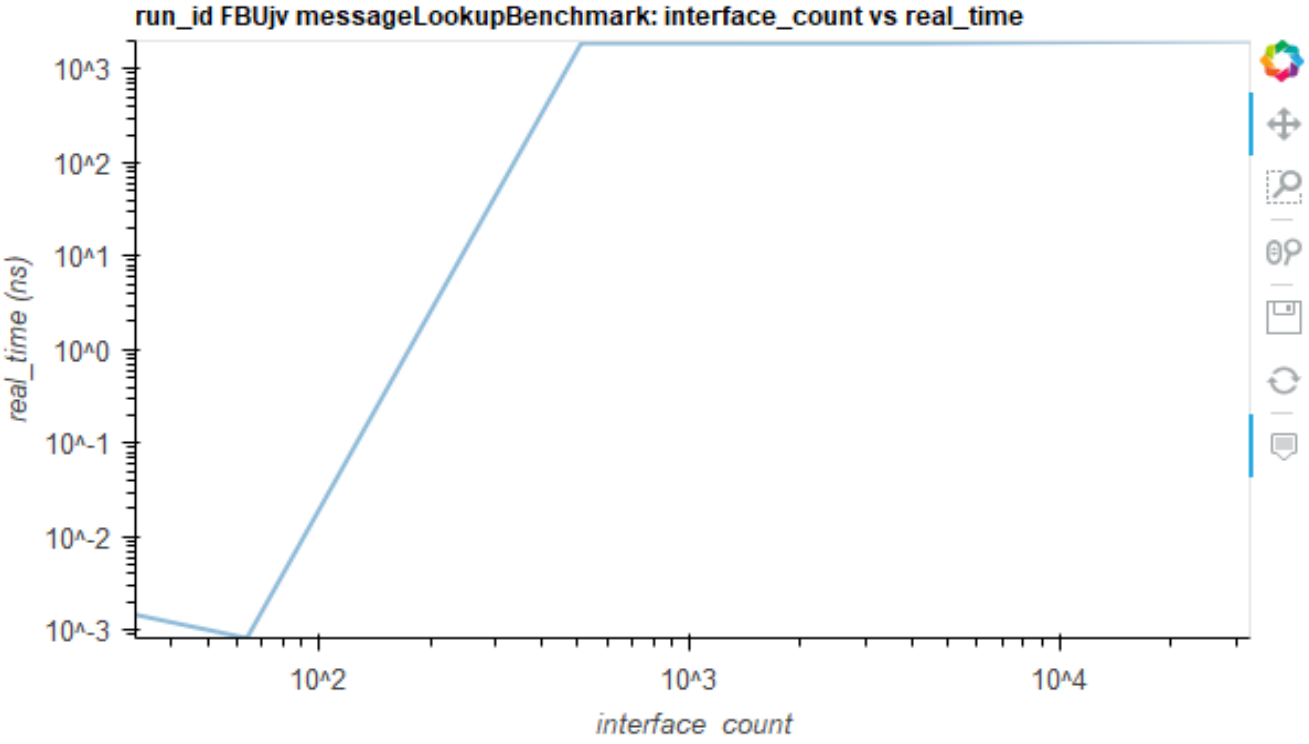
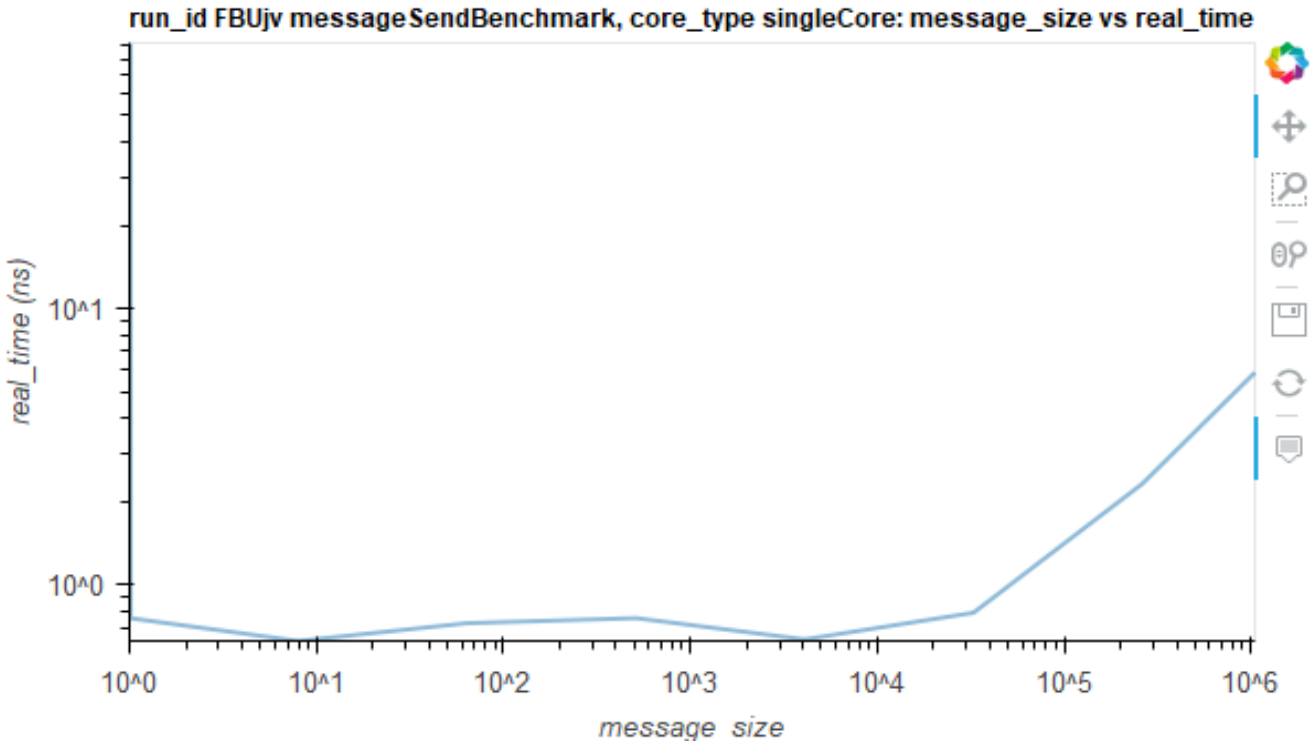
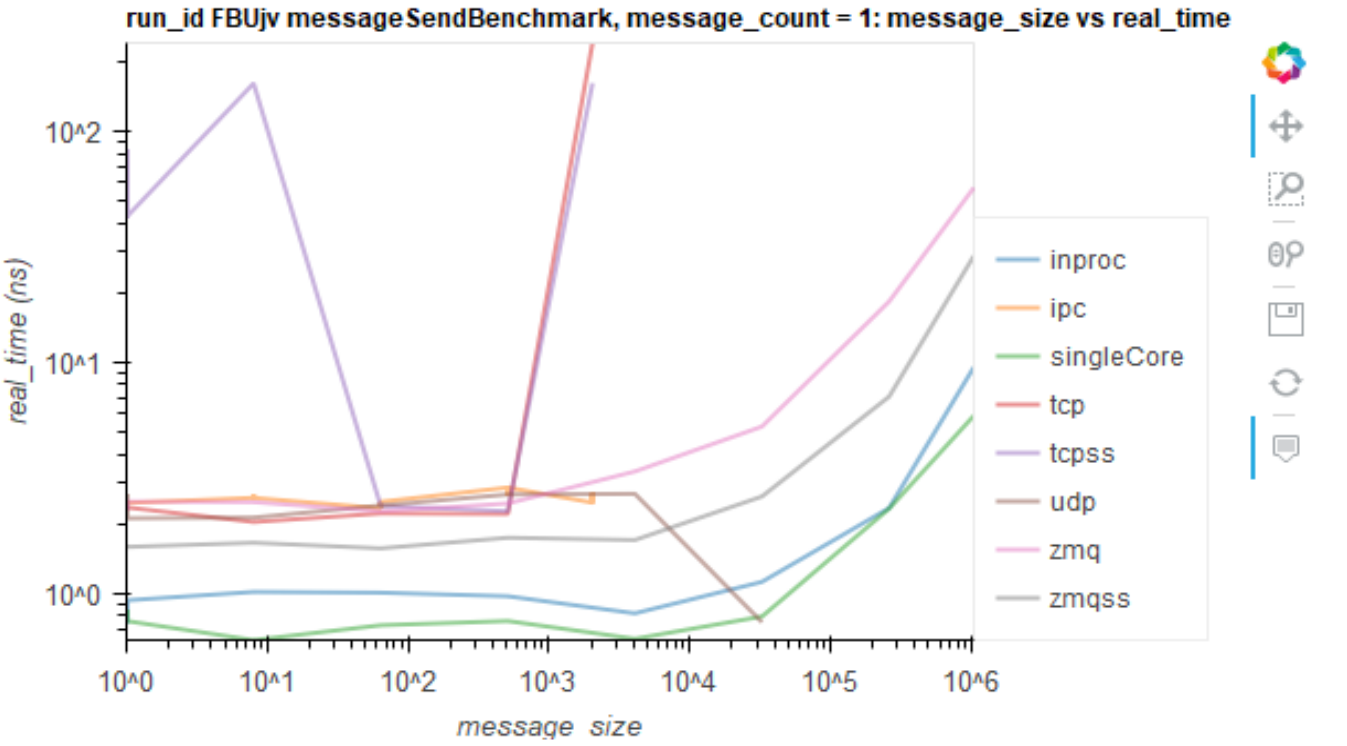
```
BENCHMARK:                actionMessageBenchmark

run ID:                   FBUjv
Timestamp:                2019-12-17 00:04:03
HELICS version:           2.3.1
generator:                Unix Makefiles
system:                   Linux
system version:           3.10.0-1062.1.1.1chaos.ch6.x86_64:
platform:
C++ compiler:             GNU
C++ compiler version:     4.9.3
compiler string:            -O3 -DNDEBUG  $<$<COMPILE_LANGUAGE:CXX>:-std=c++14>
host name:                quartz3062
host processor:           x86_64
CPU core count:           72
processor speed (MHz):    2101
```

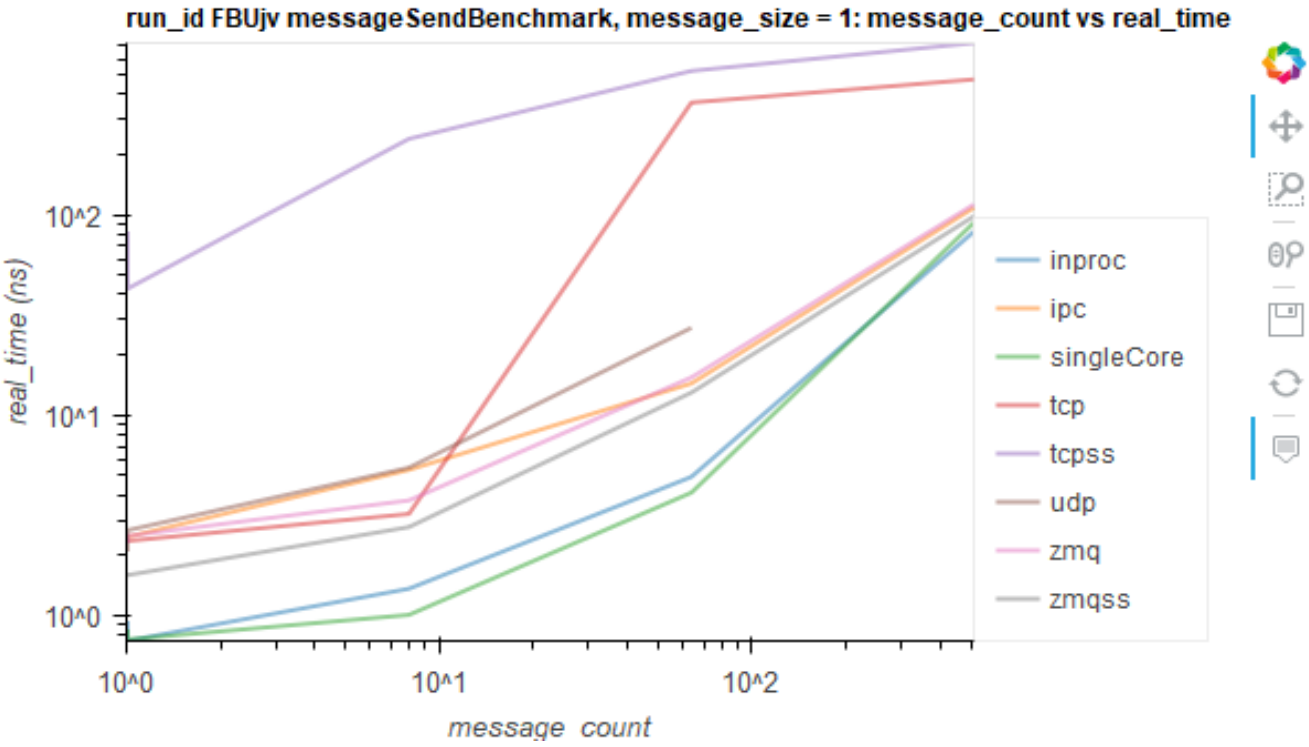


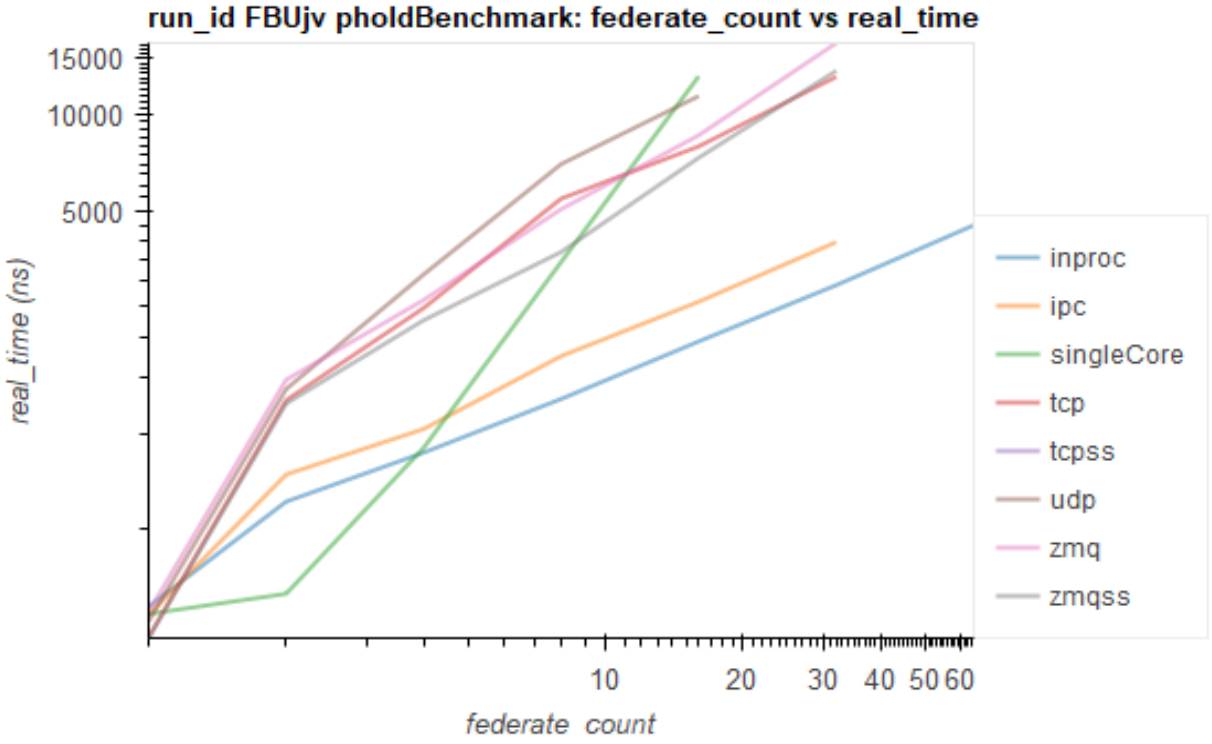


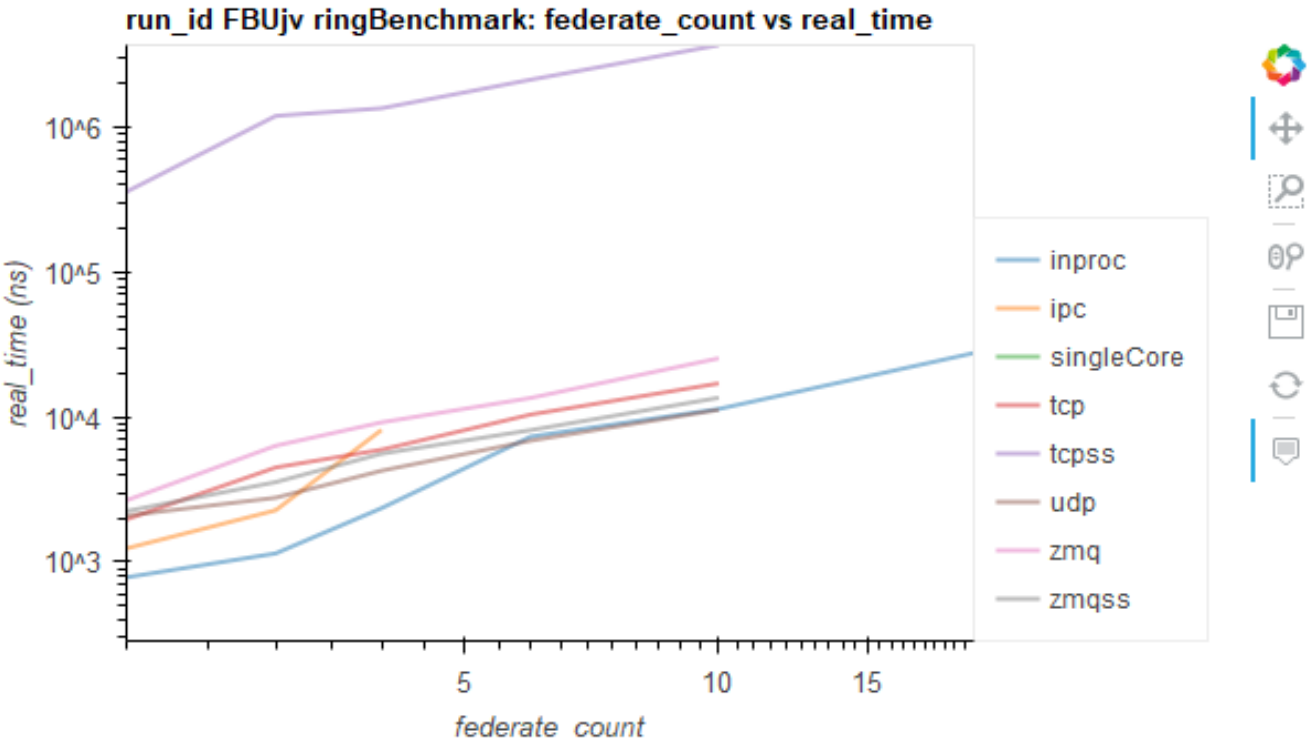

run_id FBUjv messageLookupBenchmark: interface_count vs real_time
real_time (ns)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^2
10^3
10^4
interface_count


run_id FBUjv messageSendBenchmark, core_type singleCore: message_size vs real_time
real_time (ns)
10^1
10^0
10^0
10^1
10^2
10^3
10^4
10^5
10^6
message_size


run_id FBUjv messageSendBenchmark, message_count = 1: message_size vs real_time
real_time (ns)
10^2
10^1
10^0
10^0
10^1
10^2
10^3
10^4
10^5
10^6
message_size
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss


run_id FBUjv messageSendBenchmark, message_size = 1: message_count vs real_time
real_time (ns)
10^2
10^1
10^0
10^0
10^1
10^2
message_count
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss


run_id FBUjv pholdBenchmark: federate_count vs real_time
15000
10000
5000
real_time (ns)
10
20
30
40
50
60
federate_count
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss


run_id FBUjv ringBenchmark: federate_count vs real_time
10^6
10^5
10^4
10^3
real_time (ns)
5
10
15
federate_count
inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss