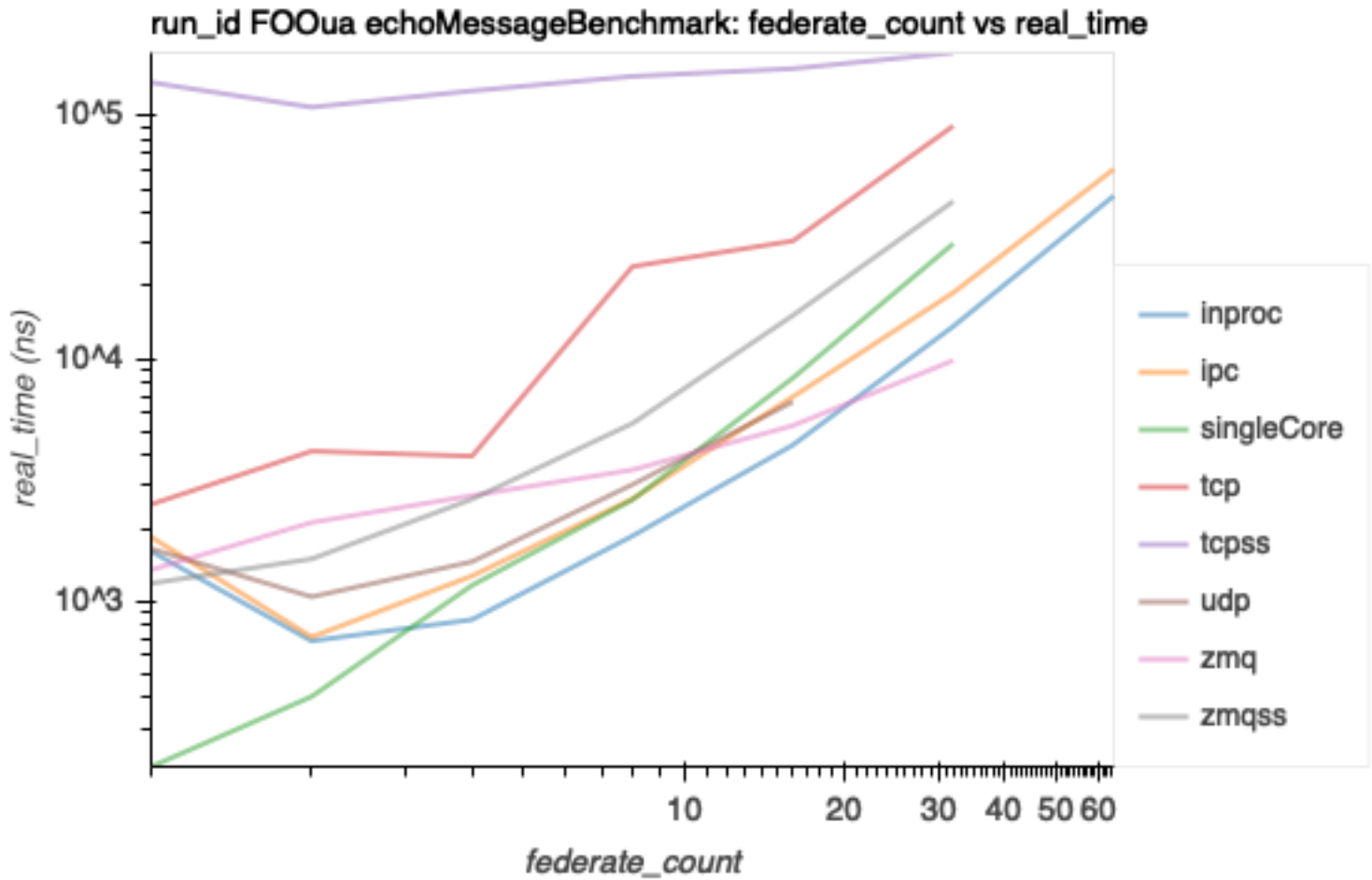```
BENCHMARK: messageLookupBenchmark

run ID: FOOua
Timestamp: 2019-11-30 19:31:00
HELICS version: 2.3.1
generator: Unix Makefiles
system: Linux
system version: 5.2.15-200.fc30.x86_64:
platform:
C++ compiler: Clang
C++ compiler version: 8.0.0
compiler string: -O2 -DNDEBUG $<$<COMPILE_LANGUAGE:CXX>:-std=c++14>
host name: localhost.localdomain
host processor: x86_64
CPU core count: 4
processor speed (MHz):   4000
```
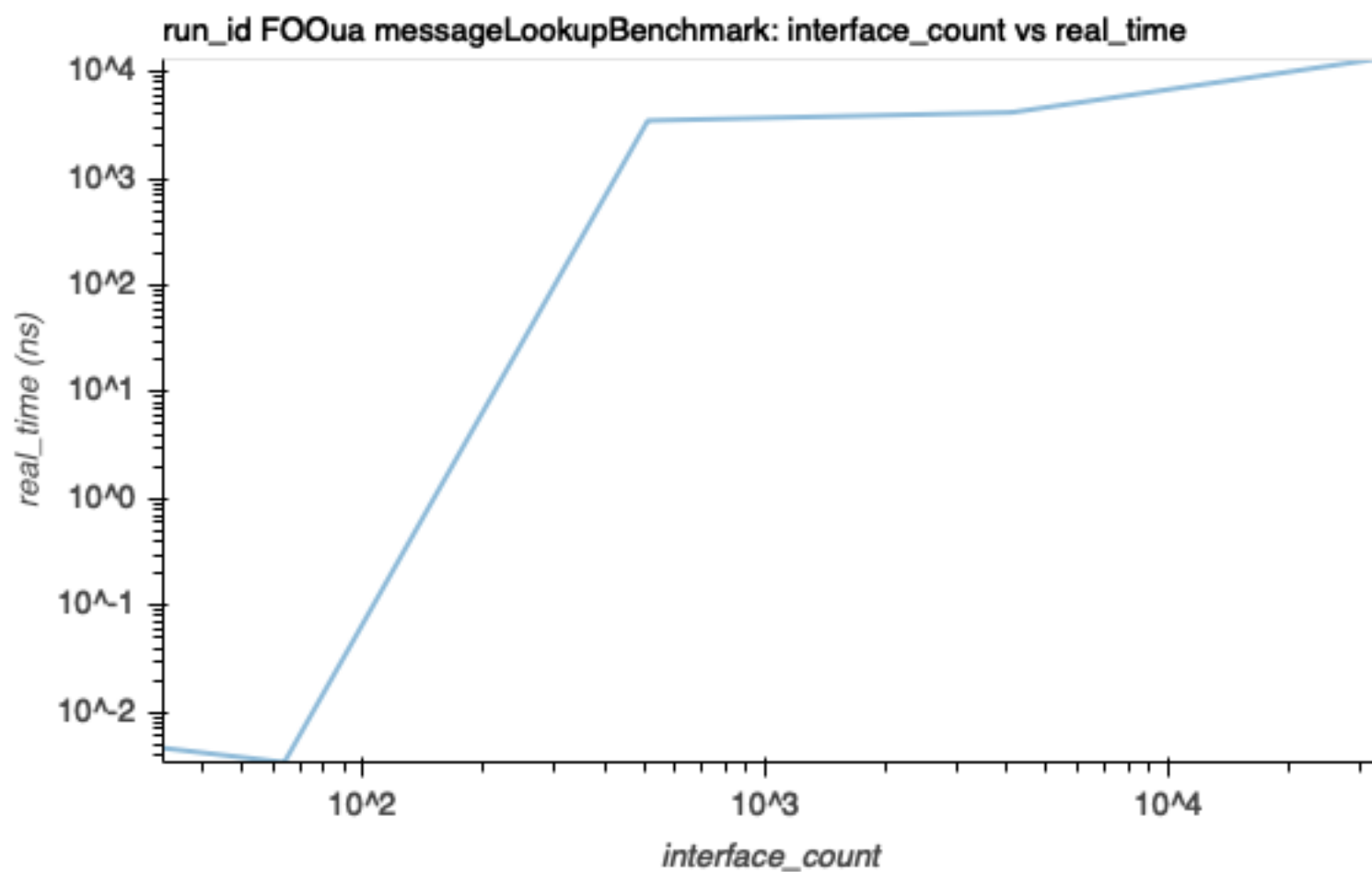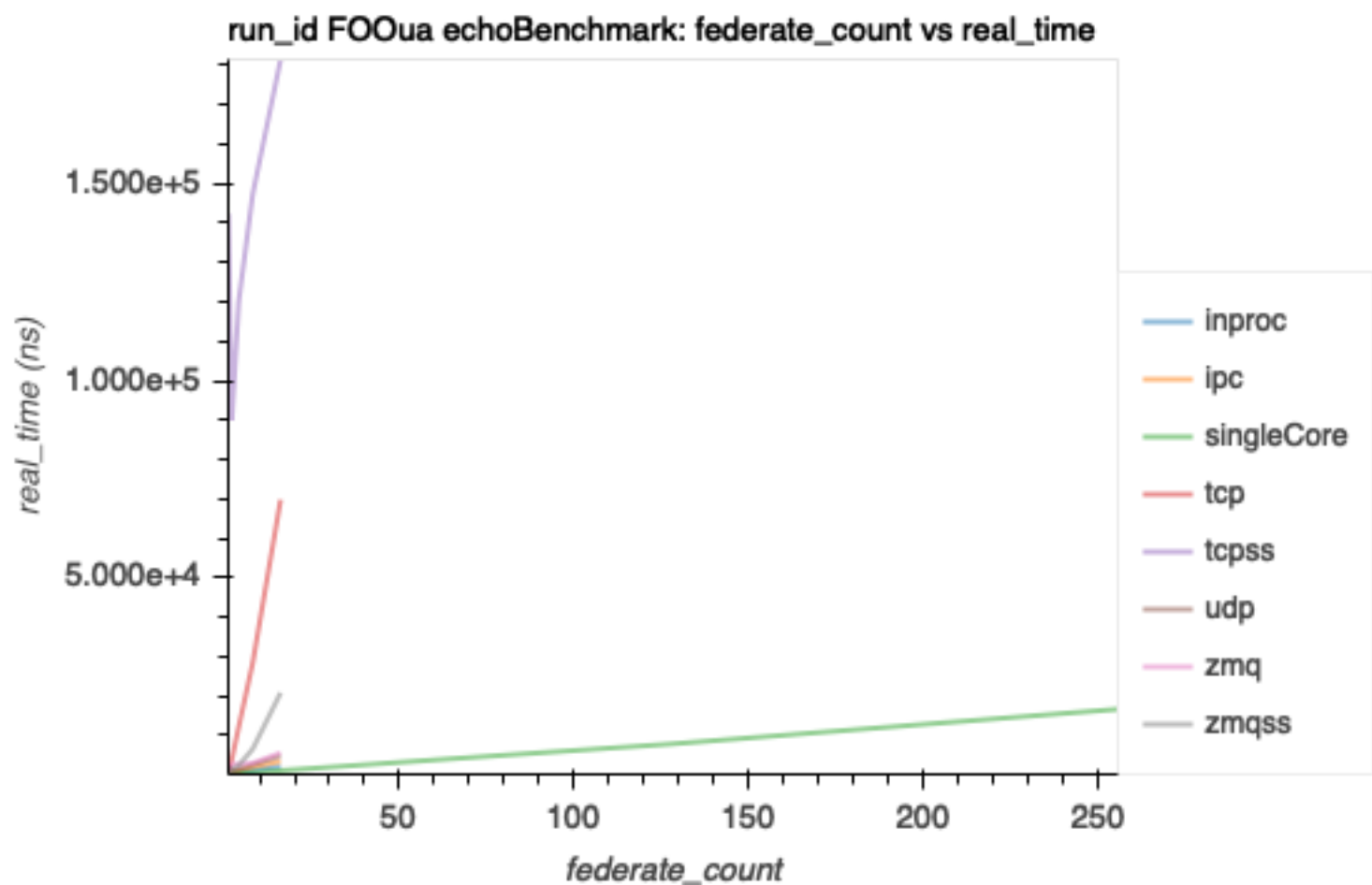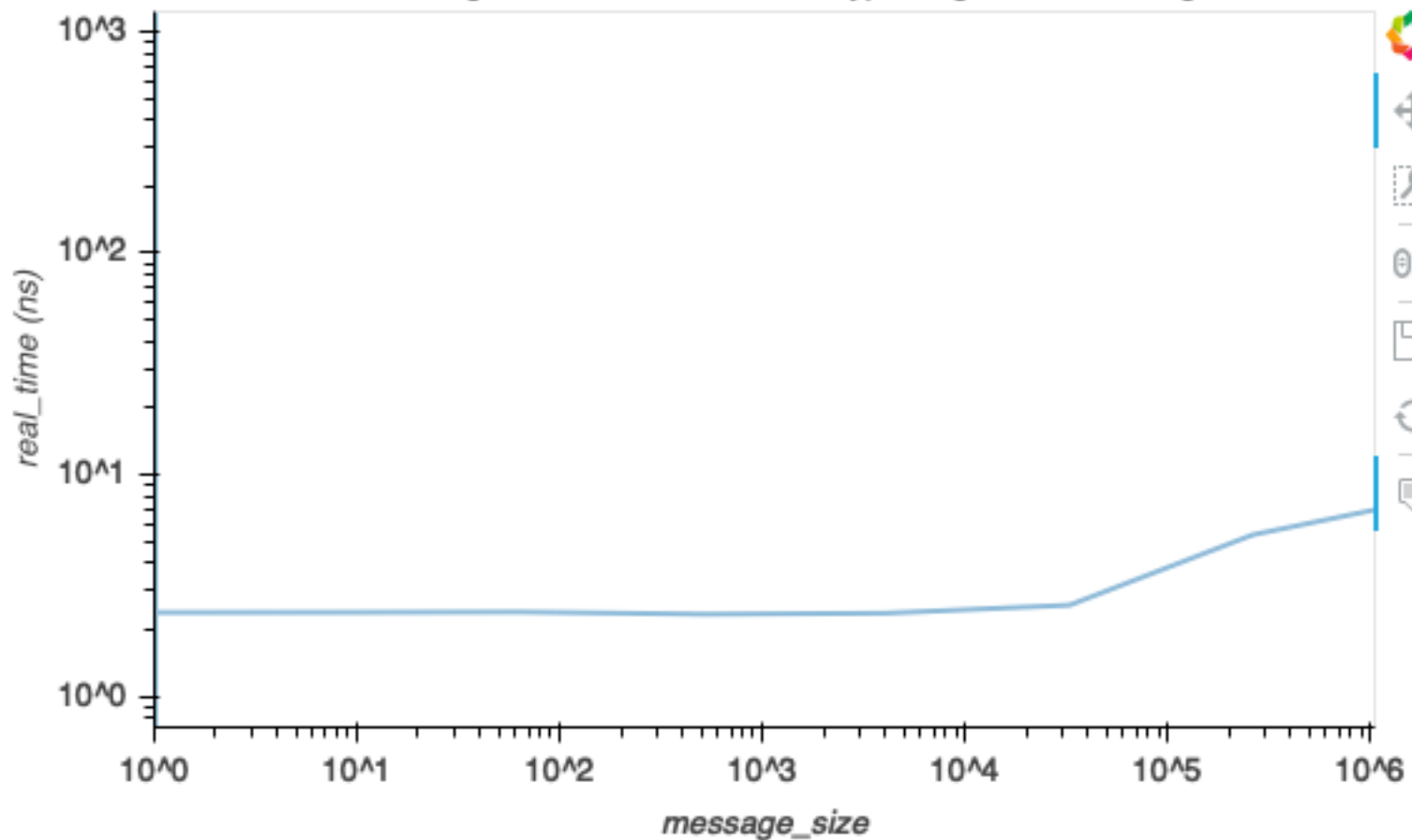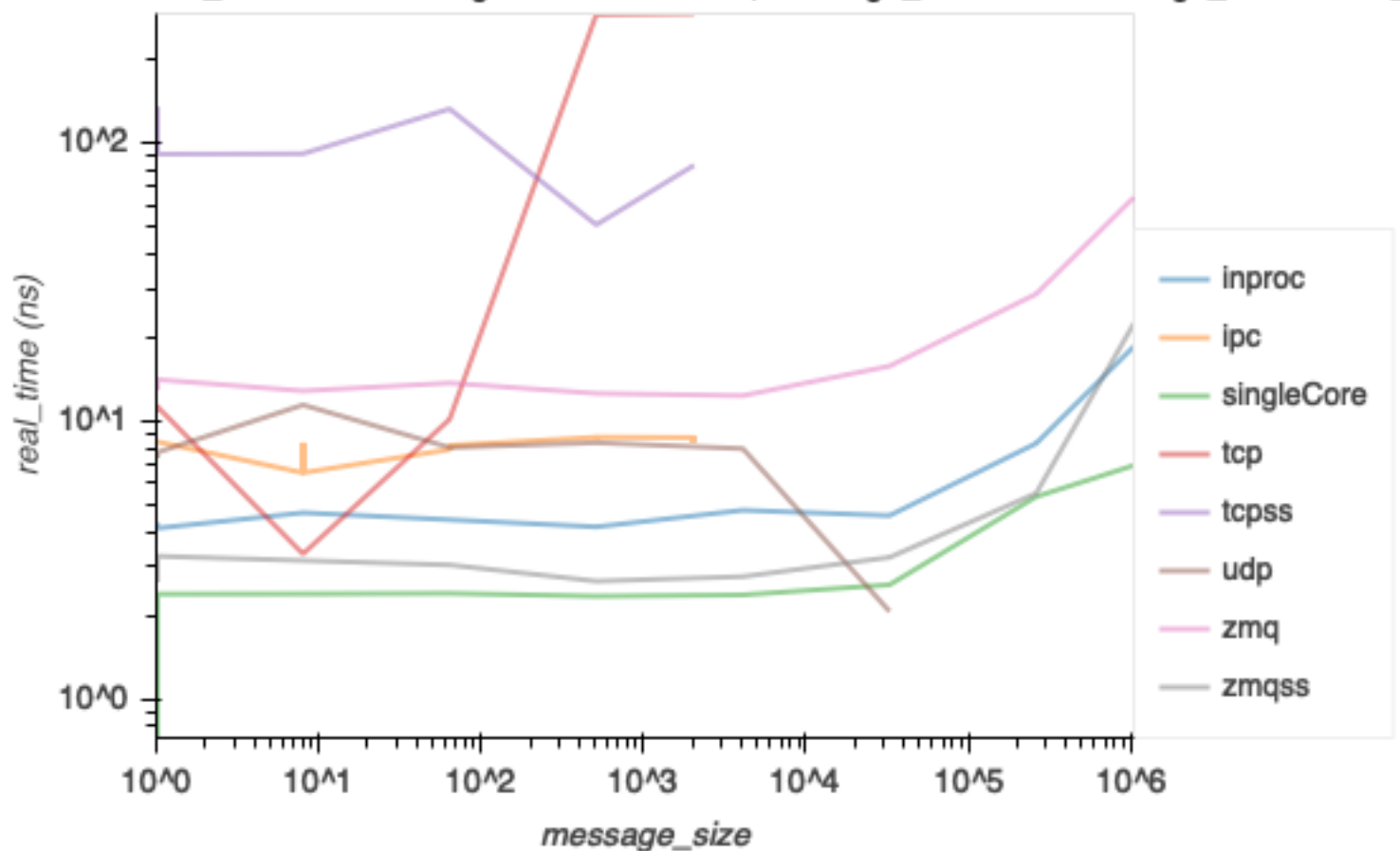


run_id FOOua echoMessageBenchmark: federate_count vs real_time

## run_id FOOua echoBenchmark: federate_count vs real_time



Legend:
- inproc
- ipc
- singleCore
- tcp
- tcpss
- udp
- zmq
- zmqss

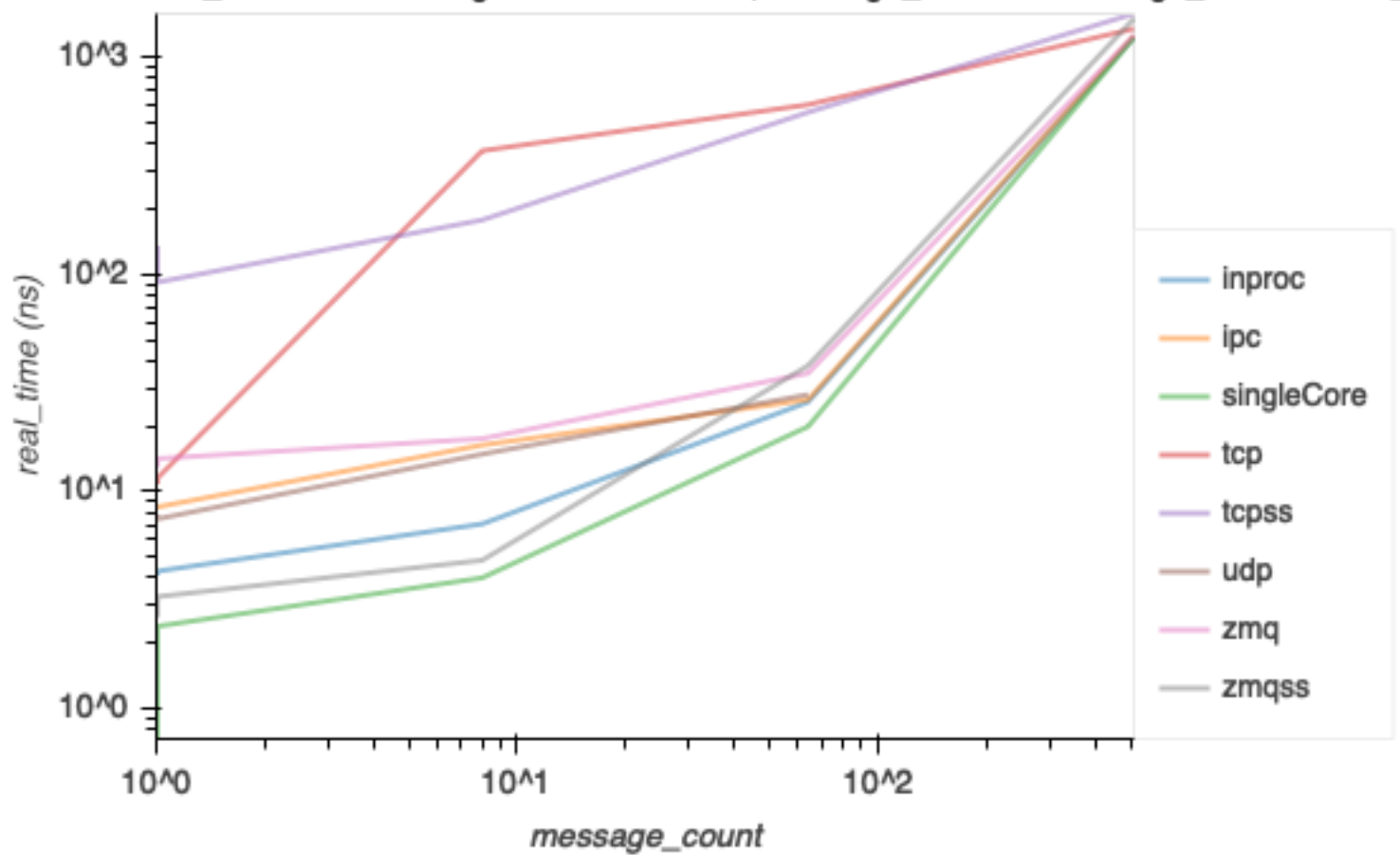## run_id FOOua messageLookupBenchmark: interface_count vs real_time

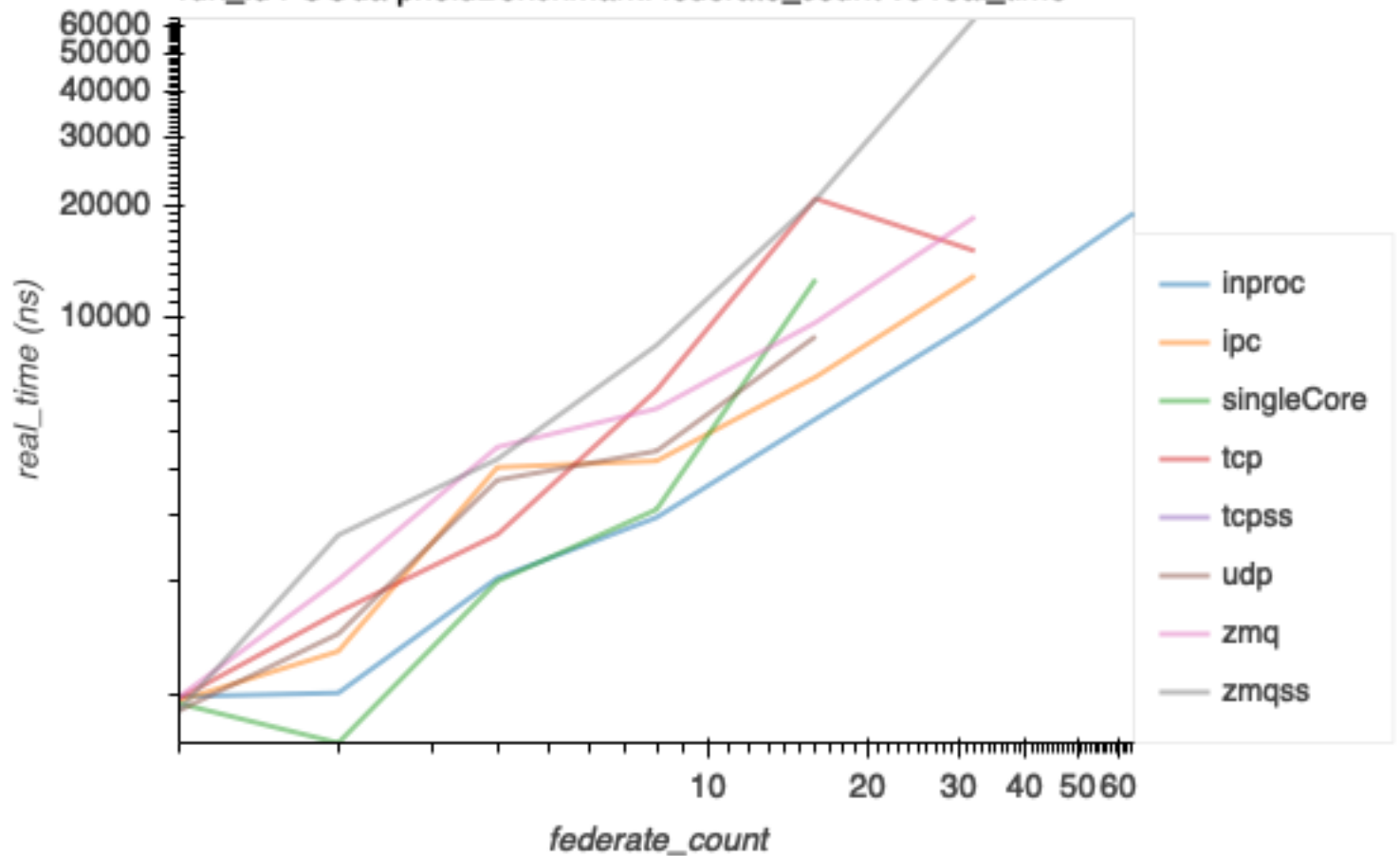run_id FOOua messageSendBenchmark, core_type singleCore: message_size vs real_t

run_id FOOua messageSendBenchmark, message_count = 1: message_size vs real_tir

run_id FOOua messageSendBenchmark, message_size = 1: message_count vs real_ti

*message_count*

*real_time (ns)*

inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss



run_id FOOua pholdBenchmark: federate_count vs real_time

*federate_count*

*real_time (ns)*

inproc
ipc
singleCore
tcp
tcpss
udp
zmq
zmqss

run_id FOOua ringBenchmark: federate_count vs real_time

real_time (ns)

10^6

10^5

10^4

10^3

5          10          15

federate_count

- inproc
- ipc
- singleCore
- tcp
- tcpss
- udp
- zmq
- zmqss