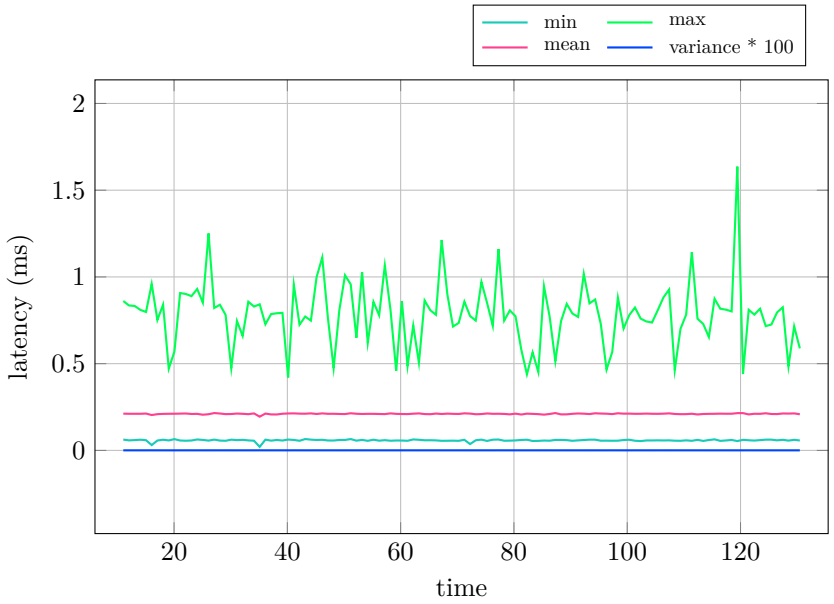
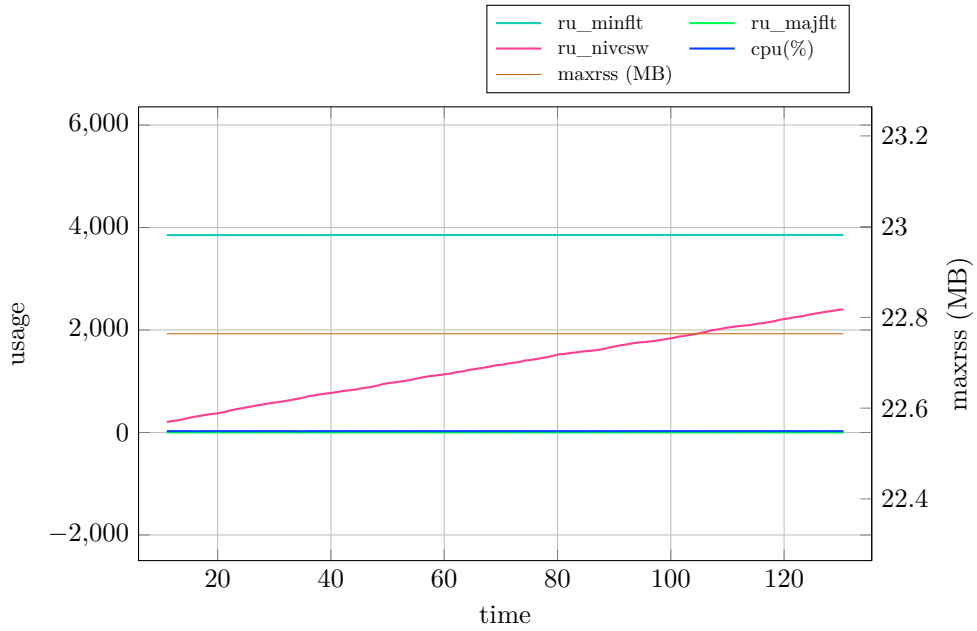
Performance

Logfile name	log__test__topic__02-12-2020__05-35-05
Experiment id	fb45dd10-b8d1-482e-8256-743be95fdc54
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test__topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T__loop	1.0033
received	9994.0583
sent	999.55
lost	0.5417
relative__loss	0.0005
data__received	327804177.7167
latency__min (ms)	0.0578
latency__max (ms)	0.7853
latency__mean (ms)	0.2107
latency__variance (ms)	0.0
pub__loop__res__min (ms)	0.4728
pub__loop__res__max (ms)	0.8432
pub__loop__res__mean (ms)	0.7677
pub__loop__res__variance (ms)	0.0
sub__loop__res__min (ms)	0.0
sub__loop__res__max (ms)	0.0
sub__loop__res__mean (ms)	0.0
sub__loop__res__variance (ms)	0.0
cpu__usage (%)	25.5927

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP__LAST
QOS Reliability	BEST__EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw__cyclonedds__cpp
Roundtrip Mode	NONE
With security	0