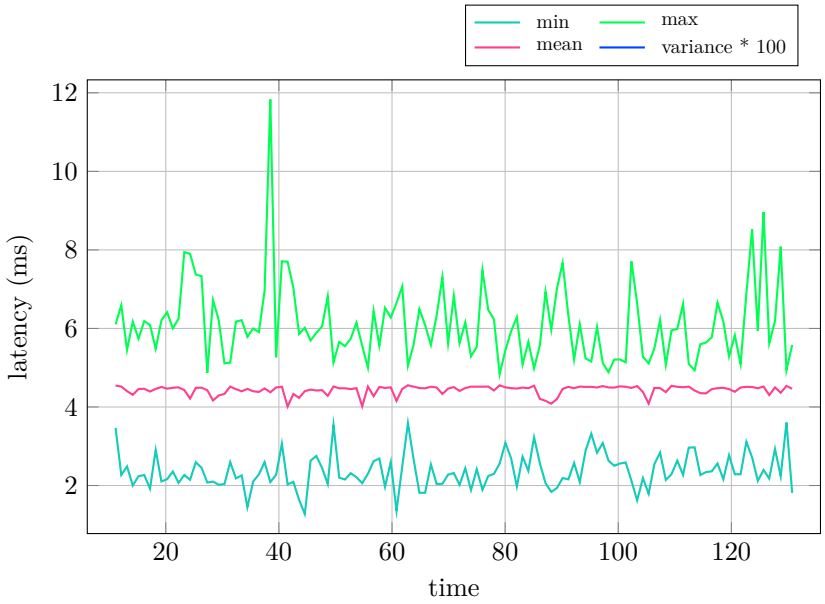
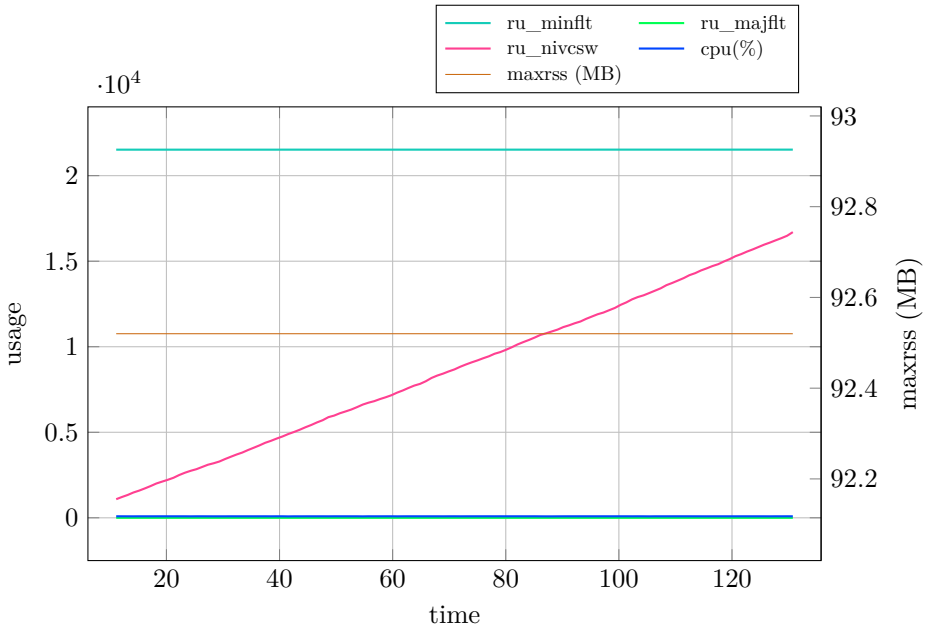
Performance

Logfile name	log__test__topic__02-12-2020__05-57-55
Experiment id	2e491560-83ba-49dd-9c77-882991dcf4de
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	1.0121
received	4333.8992
sent	434.084
lost	4.5462
relative__loss	0.01
data__received	9101529936.2101
latency__min (ms)	2.3653
latency__max (ms)	6.1096
latency__mean (ms)	4.4338
latency__variance (ms)	0.0001
pub__loop__res__min (ms)	-40084.6723
pub__loop__res__max (ms)	-39512.916
pub__loop__res__mean (ms)	-39798.8319
pub__loop__res__variance (ms)	27.3122
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 (%)	87.9449

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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