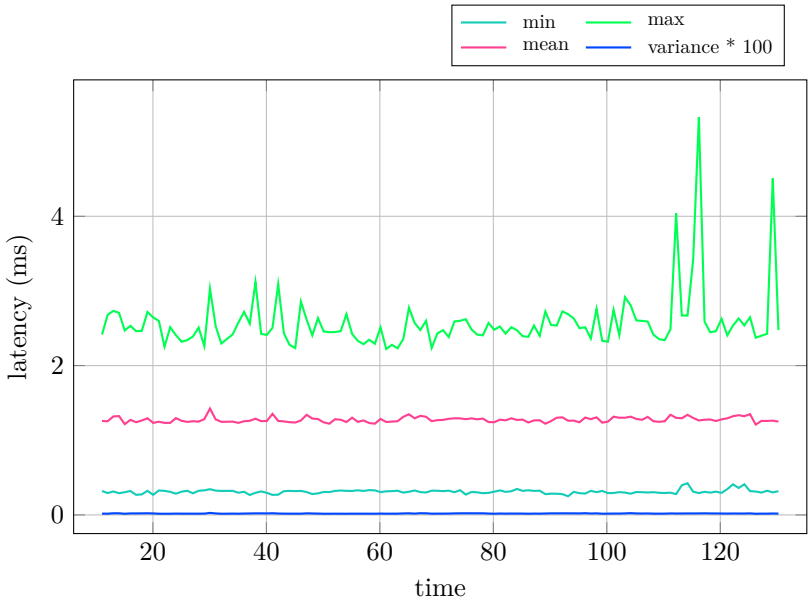
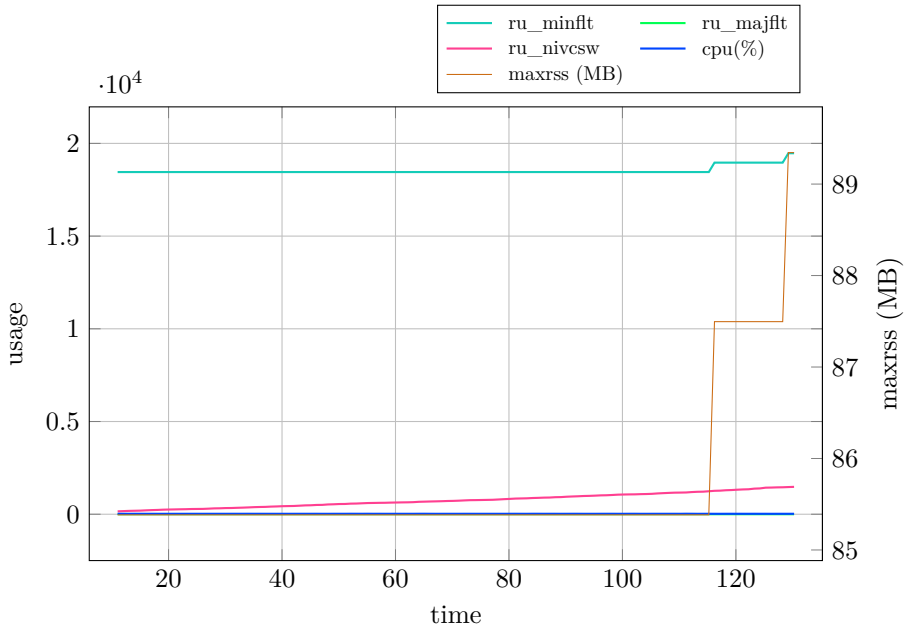
Performance

Logfile name	log__test__topic__02-12-2020__06-39-02
Experiment id	1b6b06d9-4d5d-480e-917d-a763c6cf7a5d
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	1.0018
received	8226.9833
sent	999.475
lost	1761.5417
relative_loss	1.7617
data_received	8635585508.525
latency_min (ms)	0.3114
latency_max (ms)	2.5715
latency_mean (ms)	1.2753
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	-1.1941
pub_loop_res_max (ms)	0.9018
pub_loop_res_mean (ms)	0.2531
pub_loop_res_variance (ms)	0.0001
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 (%)	23.4719

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud1m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0