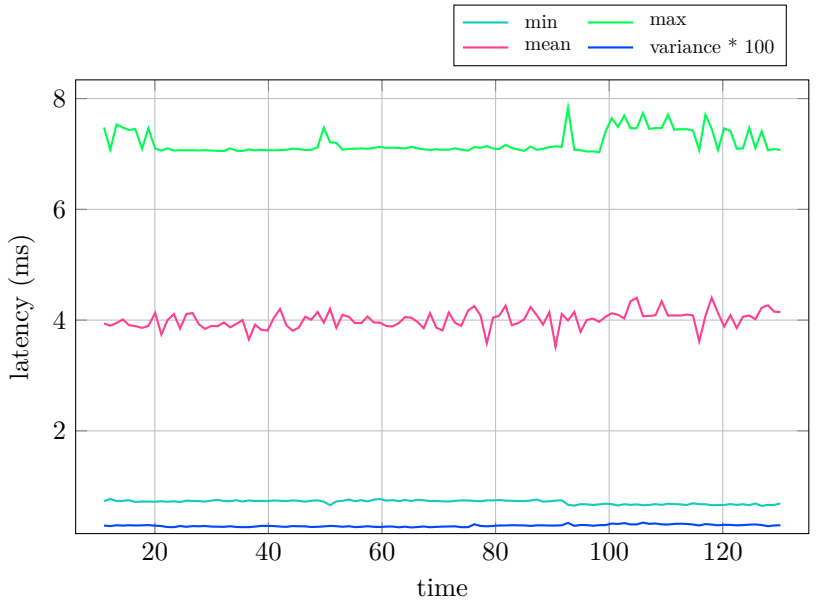
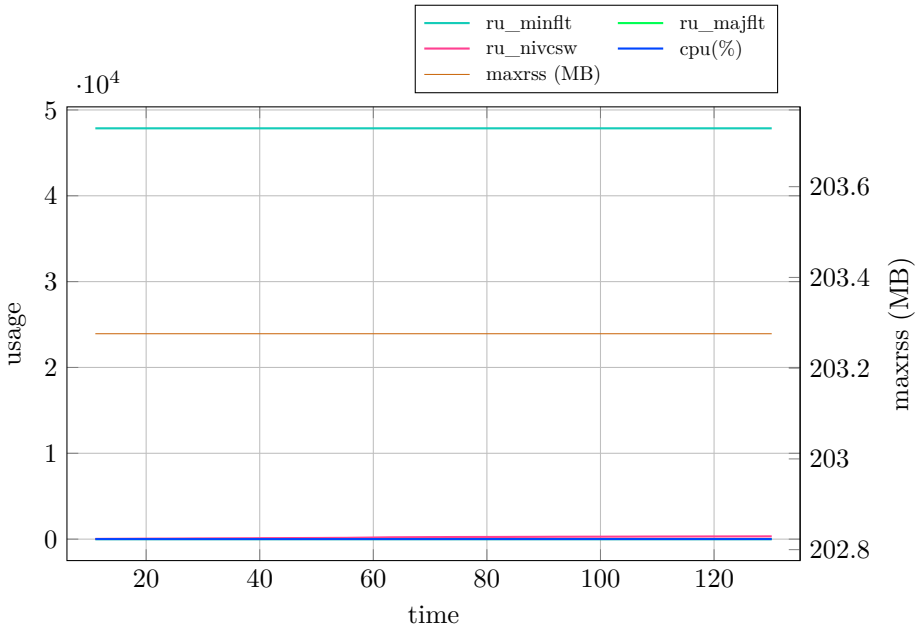
Performance

Logfile name	log_test_topic_28-11-2020_20-49-23
Experiment id	e565e460-8e4c-40c6-8c10-1e2d993539be
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.1026
received	95.1376
sent	9.5321
lost	0.0
relative_loss	0.0
data_received	209721437.1468
latency_min (ms)	0.7146
latency_max (ms)	7.202
latency_mean (ms)	4.0074
latency_variance (ms)	0.0029
pub_loop_res_min (ms)	98.8385
pub_loop_res_max (ms)	99.6928
pub_loop_res_mean (ms)	99.0694
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 (%)	1.9578

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0