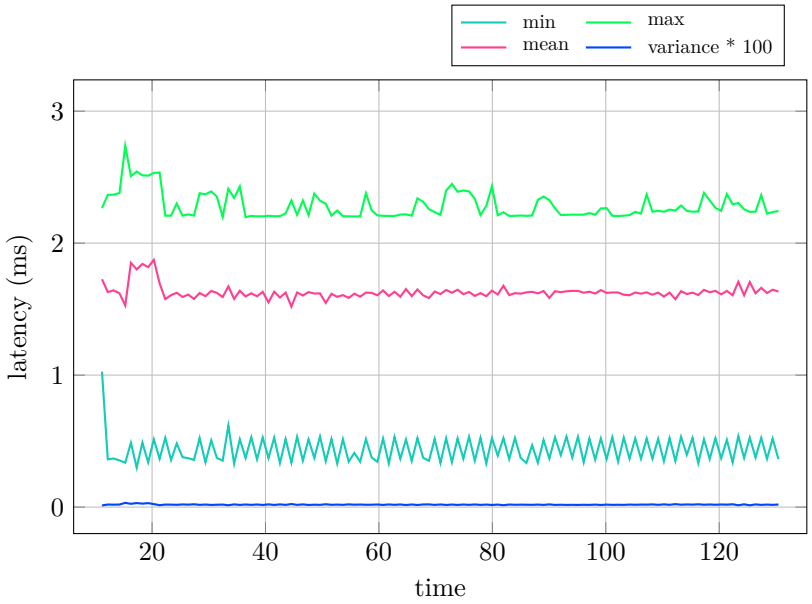
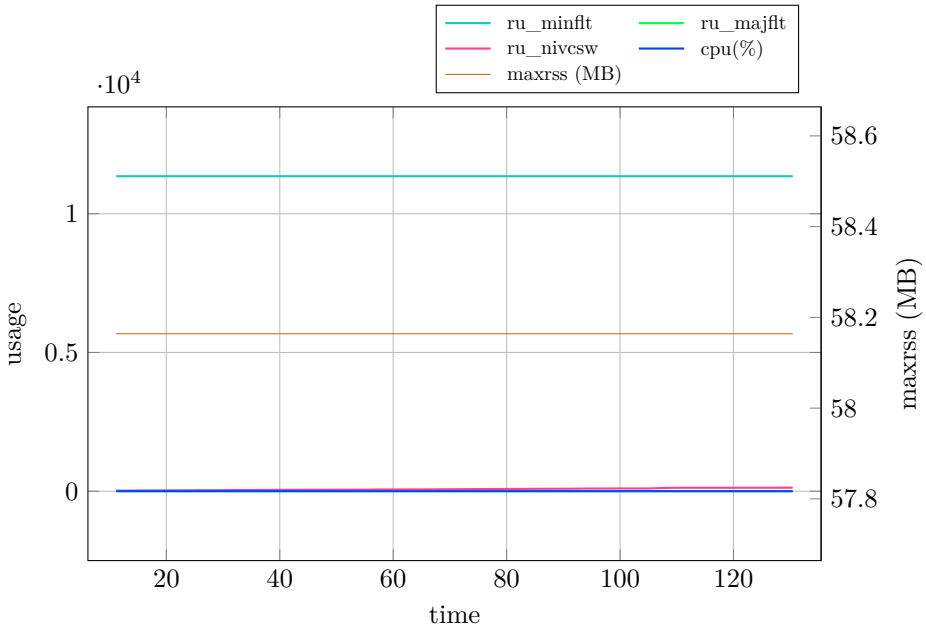
Performance

Logfile name	log_test_topic_01-12-2020_10-12-51
Experiment id	495c7559-2120-4936-b016-08e2b2a4f440
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0107
received	247.563
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	262154316.1345
latency_min (ms)	0.4353
latency_max (ms)	2.2847
latency_mean (ms)	1.6287
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	19.1575
pub_loop_res_max (ms)	19.7605
pub_loop_res_mean (ms)	19.2738
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 (%)	1.8747

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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