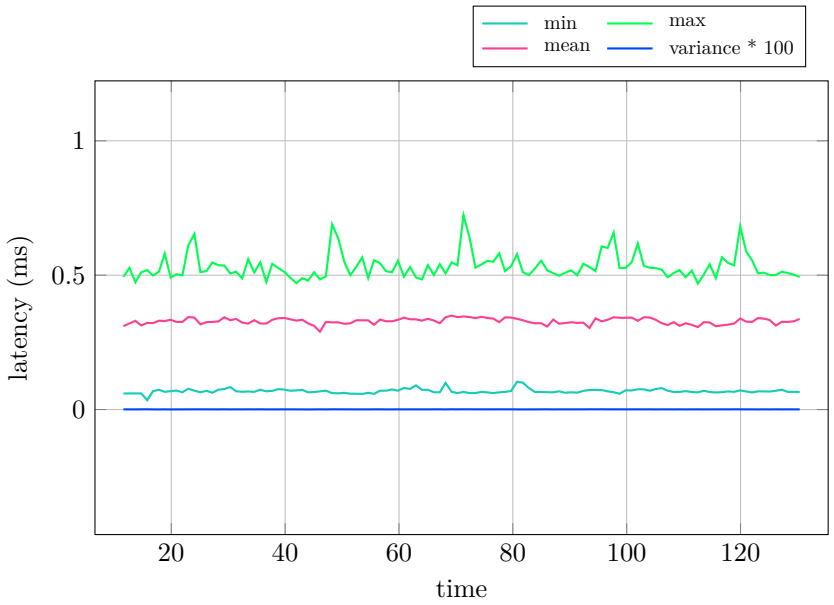
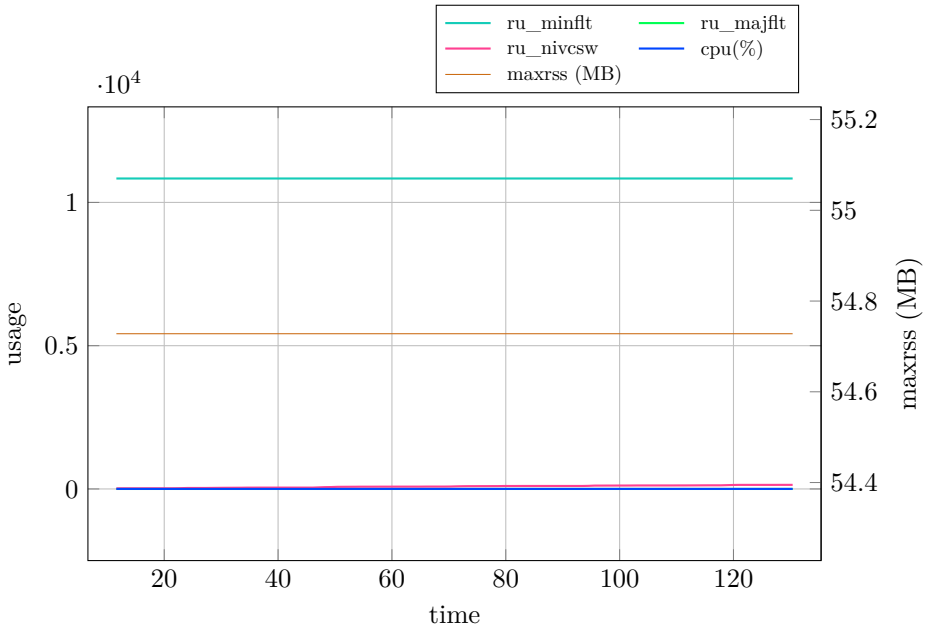
Performance

Logfile name	log_test_topic_29-11-2020_13-40-37
Experiment id	1baa3dc5-dde9-4600-bde1-217a63c413ce
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0513
received	494.9386
sent	49.5088
lost	0.0
relative_loss	0.0
data_received	8200422.5702
latency_min (ms)	0.0684
latency_max (ms)	0.5319
latency_mean (ms)	0.3287
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4299
pub_loop_res_max (ms)	19.8944
pub_loop_res_mean (ms)	19.5532
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 (%)	1.596

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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