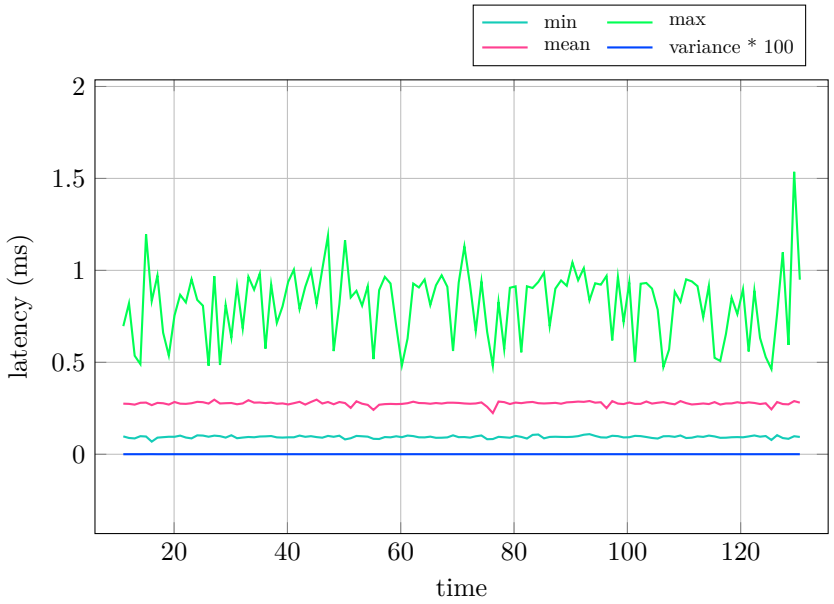
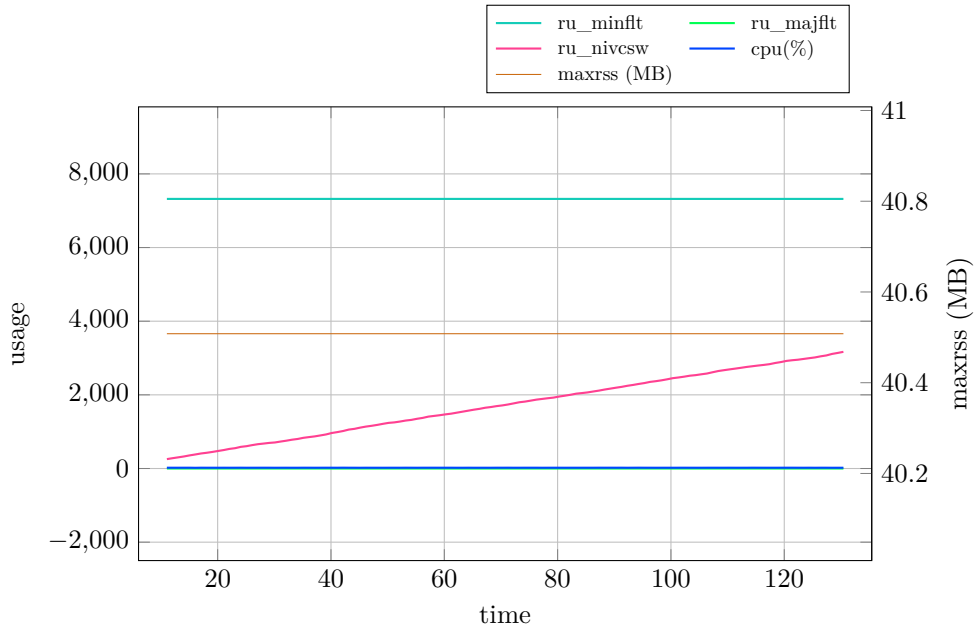
Performance

Logfile name	log_test_topic_02-12-2020_06-18-29
Experiment id	40fc1829-b51e-4b75-beaf-05733a195602
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	1.0031
received	9994.525
sent	999.5
lost	0.175
relative_loss	0.0001
data_received	327818955.3917
latency_min (ms)	0.0943
latency_max (ms)	0.8204
latency_mean (ms)	0.277
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7726
pub_loop_res_max (ms)	0.9144
pub_loop_res_mean (ms)	0.8633
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 (%)	20.9154

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
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