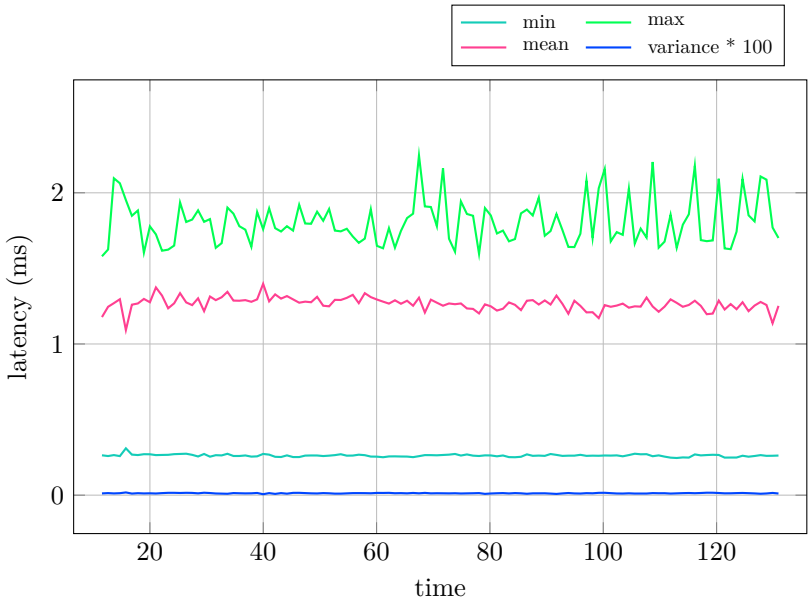
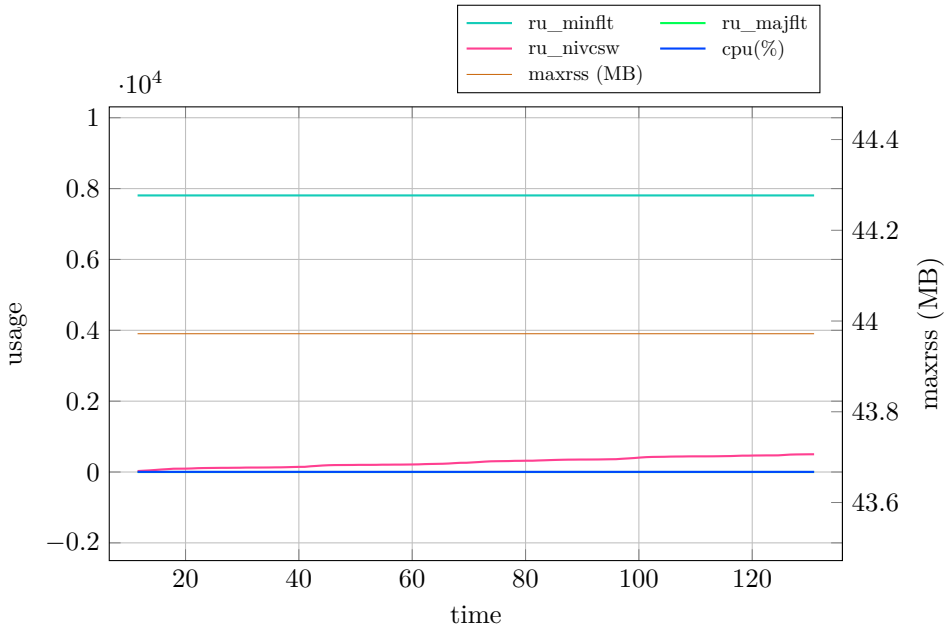
Performance

Logfile name	log_test_topic_01-12-2020_12-22-02
Experiment id	e6f91e77-cf98-4260-b920-fbe1c6a96332
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	1.0563
received	494.807
sent	49.5175
lost	0.0
relative_loss	0.0
data_received	33865320.9123
latency_min (ms)	0.2619
latency_max (ms)	1.806
latency_mean (ms)	1.2665
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	19.0031
pub_loop_res_max (ms)	19.8206
pub_loop_res_mean (ms)	19.1986
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 (%)	3.8619

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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