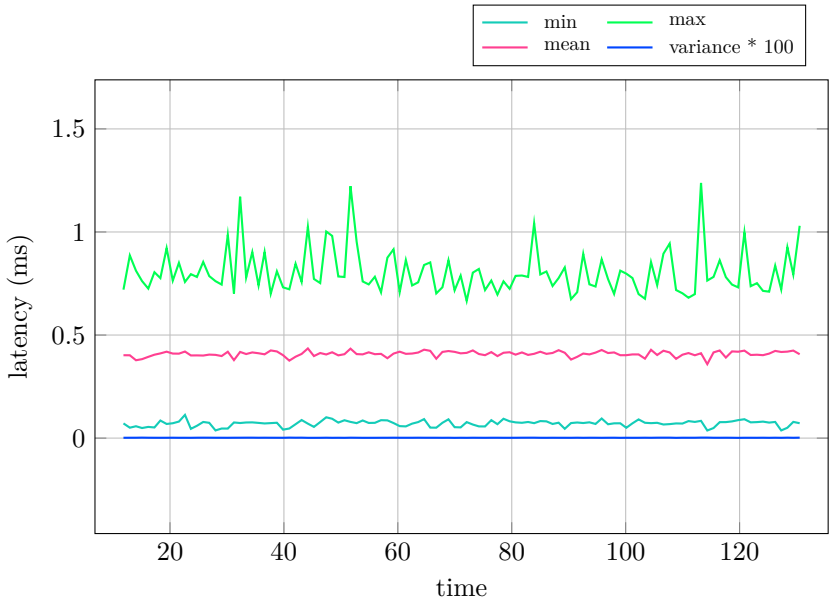
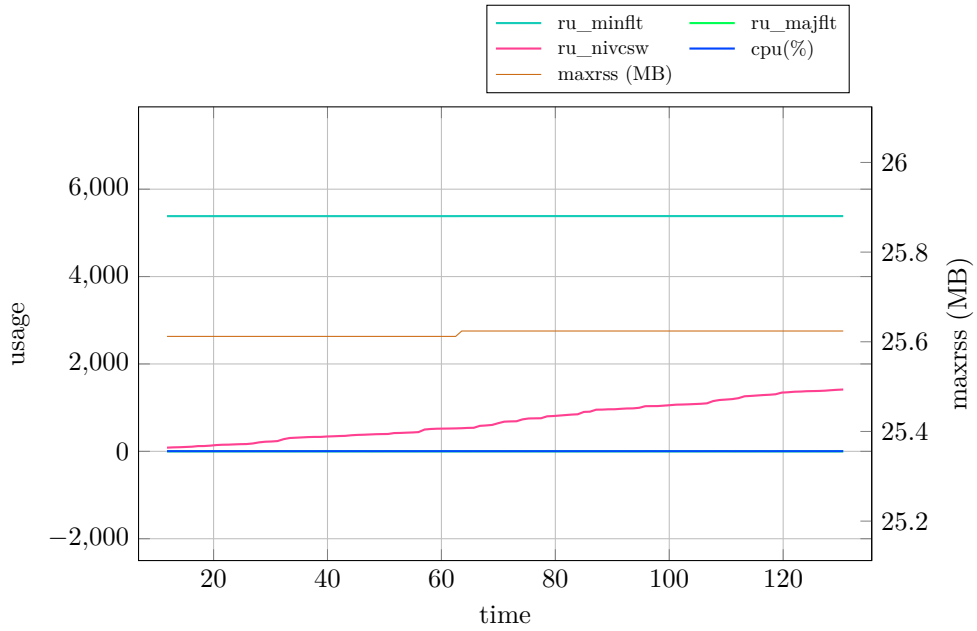
Performance

Logfile name	log_test_topic_29-11-2020_12-15-38
Experiment id	8052ae05-0342-4696-882a-46b5110b9013
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	1.079
received	495.1351
sent	49.4955
lost	0.0
relative_loss	0.0
data_received	16393763.1982
latency_min (ms)	0.071
latency_max (ms)	0.8053
latency_mean (ms)	0.4087
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.5403
pub_loop_res_max (ms)	19.9074
pub_loop_res_mean (ms)	19.6968
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 (%)	3.0658

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0