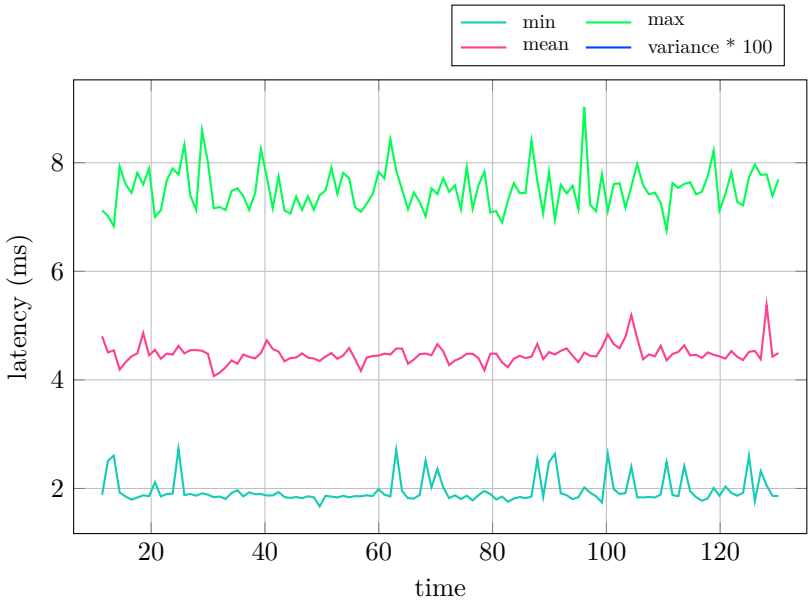
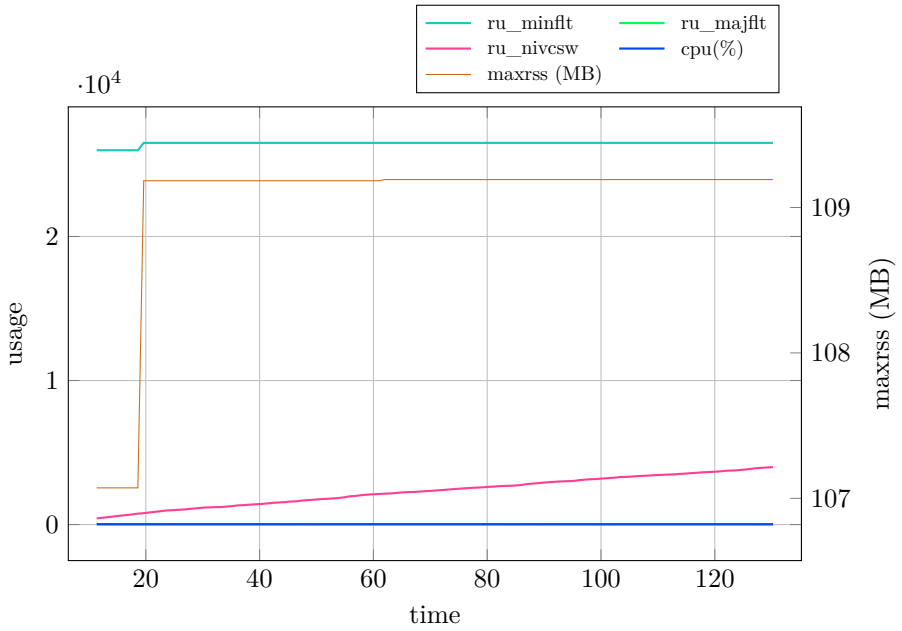
Performance

Logfile name	log_test_topic_29-11-2020_21-14-40
Experiment id	ea1b1d8d-aedd-4d65-920e-4032d1c79b23
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0333
received	2520.6897
sent	499.5
lost	2469.2069
relative_loss	4.9434
data_received	5296816343.1983
latency_min (ms)	1.9584
latency_max (ms)	7.5069
latency_mean (ms)	4.4773
latency_variance (ms)	0.0013
pub_loop_res_min (ms)	-0.1248
pub_loop_res_max (ms)	0.9314
pub_loop_res_mean (ms)	0.5188
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 (%)	27.2943

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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