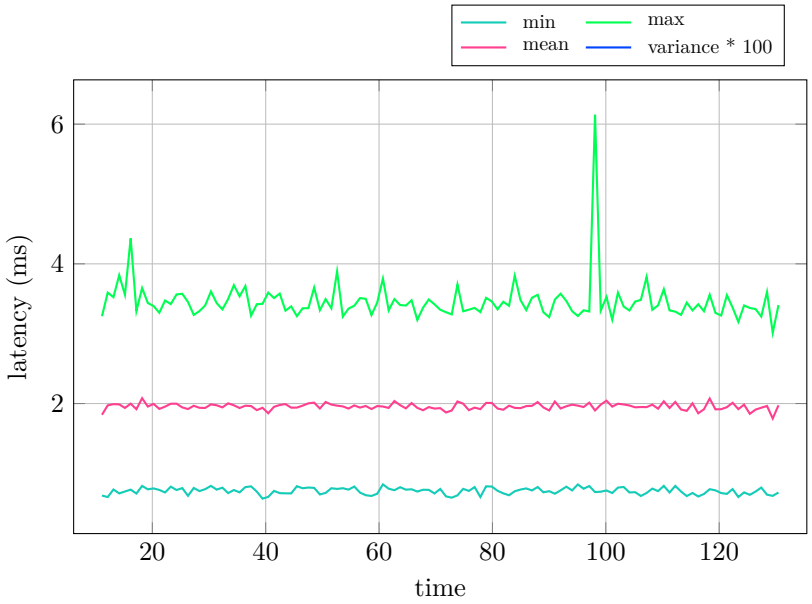
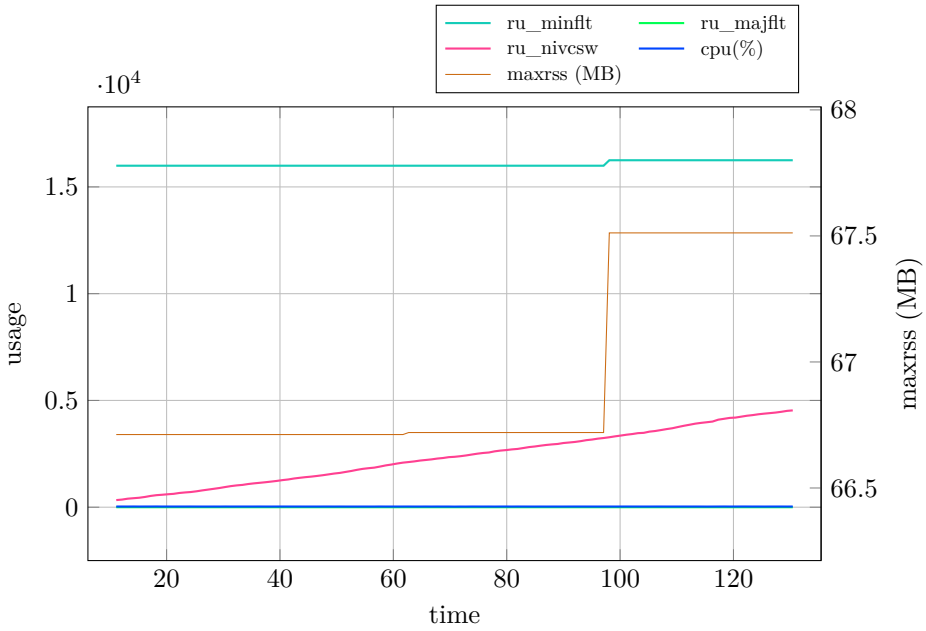
Performance

Logfile name	log_test_topic_30-11-2020_09-35-24
Experiment id	c337d02f-9cf4-42b7-b1a5-cd91a82dafa7
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	1.0111
received	7411.4538
sent	999.4538
lost	2578.4034
relative_loss	2.5794
data_received	7776857200.3866
latency_min (ms)	0.7486
latency_max (ms)	3.4598
latency_mean (ms)	1.9567
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	-0.1438
pub_loop_res_max (ms)	0.6262
pub_loop_res_mean (ms)	0.3253
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 (%)	30.8018

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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