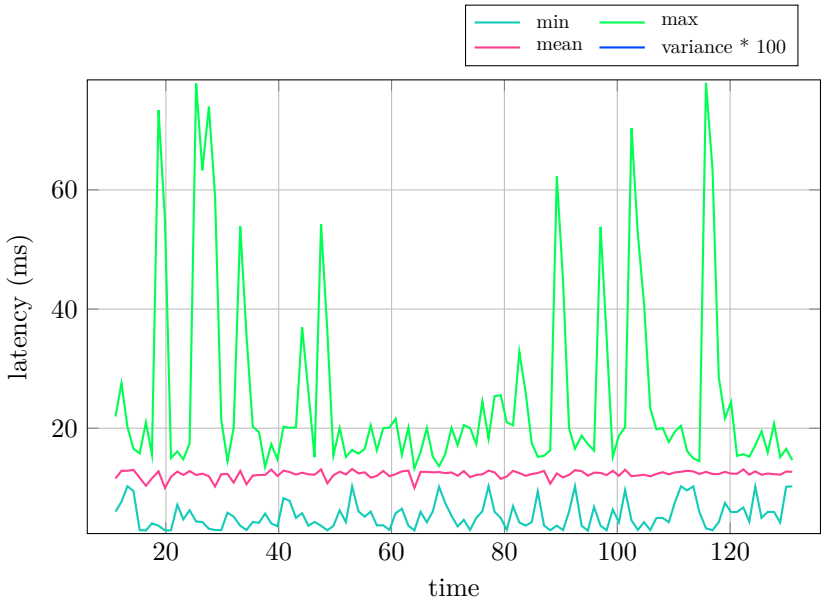
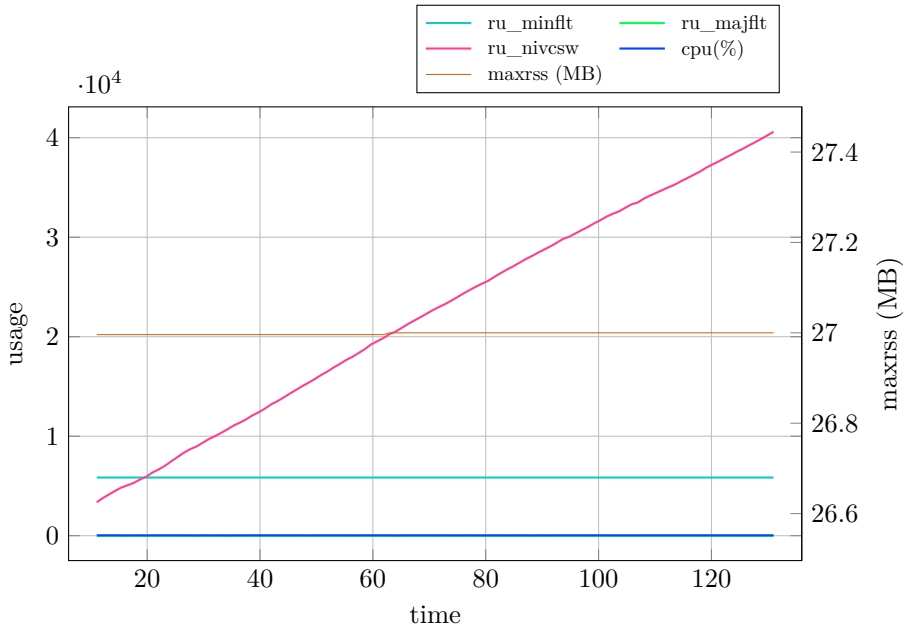
Performance

Logfile name	log_test_topic_29-11-2020_12-31-48
Experiment id	d01b463e-f4a7-4b93-be1e-71f5e4ce141f
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	1.1002
received	494.8818
sent	49.4636
lost	0.0
relative_loss	0.0
data_received	33865018.6182
latency_min (ms)	5.3315
latency_max (ms)	25.4127
latency_mean (ms)	12.2673
latency_variance (ms)	0.0051
pub_loop_res_min (ms)	13.3367
pub_loop_res_max (ms)	17.1135
pub_loop_res_mean (ms)	15.3063
pub_loop_res_variance (ms)	0.0006
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 (%)	35.431

environment

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