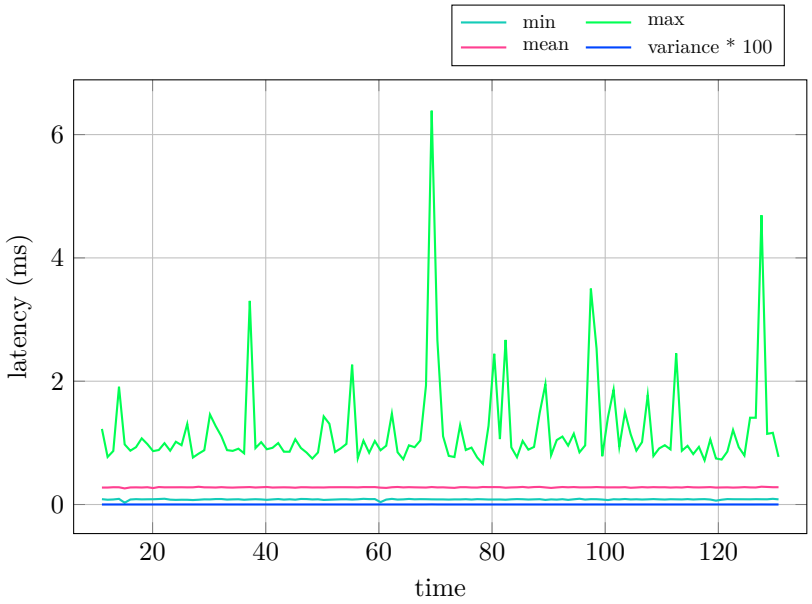
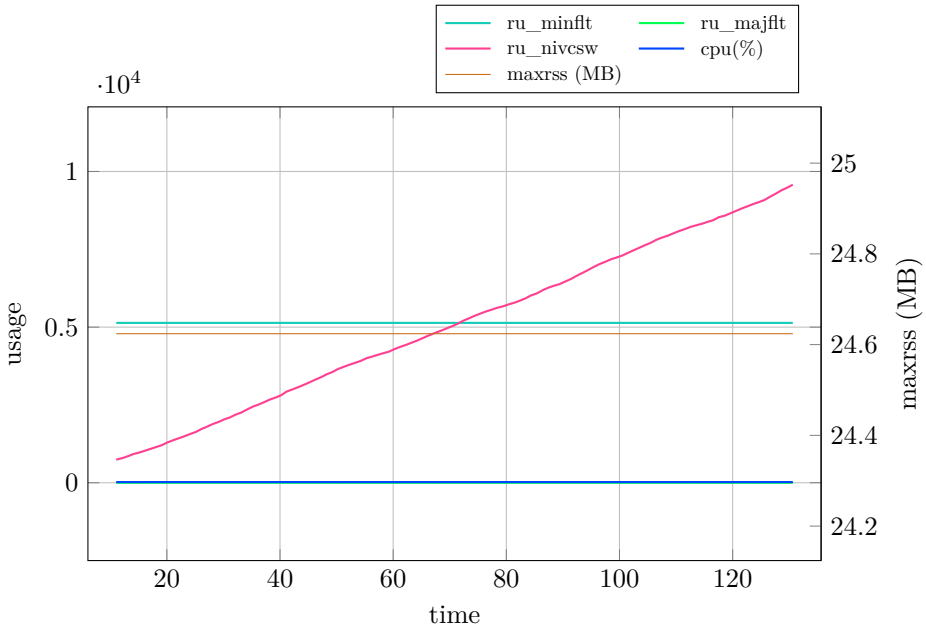
Performance

Logfile name	log_test_topic_30-11-2020_09-23-52
Experiment id	a523bc2e-cd04-4f2d-a037-1c49f85a05ae
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	1.0046
received	9994.85
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	10399831.15
latency_min (ms)	0.0826
latency_max (ms)	1.2057
latency_mean (ms)	0.2786
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7207
pub_loop_res_max (ms)	0.9265
pub_loop_res_mean (ms)	0.8726
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 (%)	22.26

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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