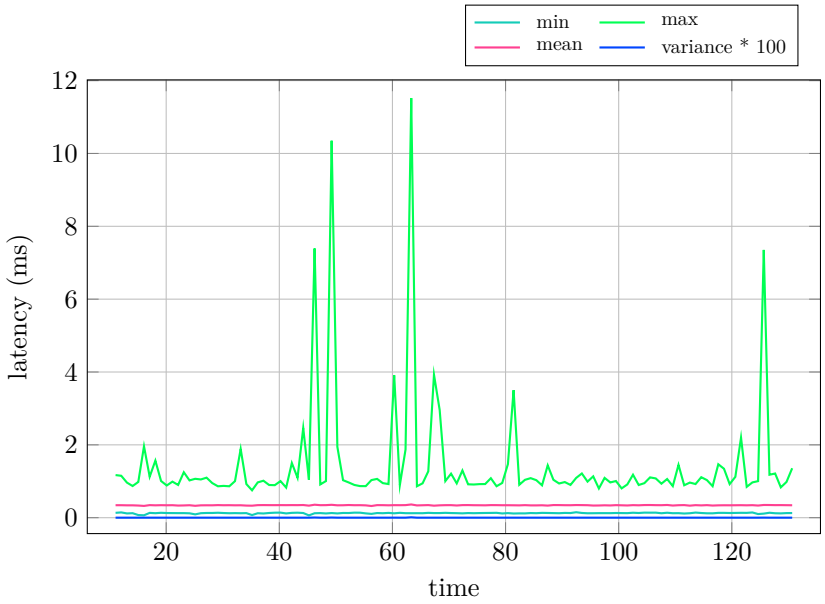
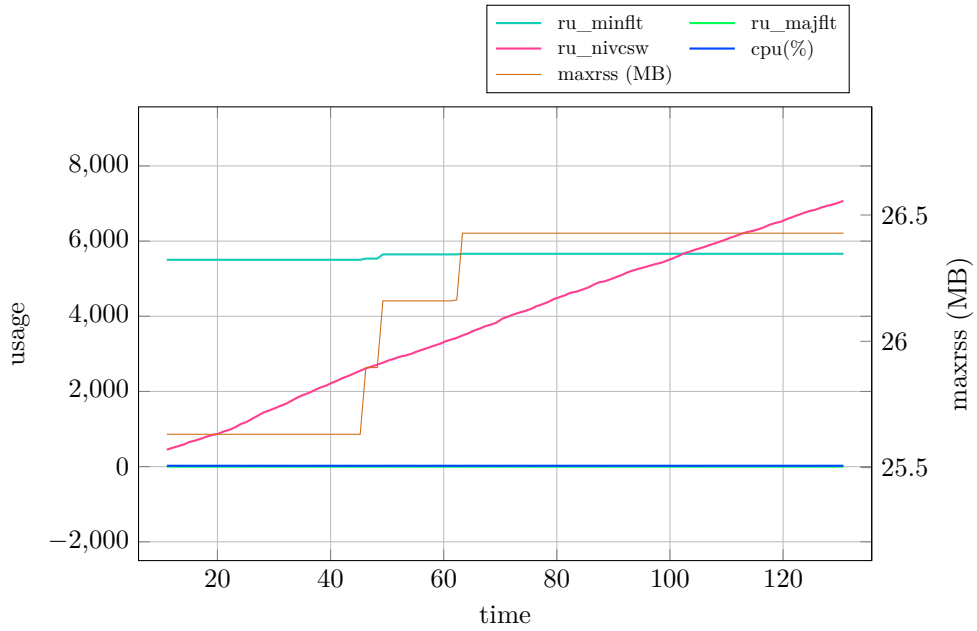
Performance

Logfile name	log__test__topic__30-11-2020__09-30-47
Experiment id	f534357a-8599-43e1-b4fb-2a7ac083ec50
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	1.0048
received	9993.125
sent	999.5167
lost	1.5833
relative_loss	0.0016
data_received	327776589.125
latency_min (ms)	0.1249
latency_max (ms)	1.4303
latency_mean (ms)	0.3418
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6255
pub_loop_res_max (ms)	0.9099
pub_loop_res_mean (ms)	0.8573
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 (%)	22.8365

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