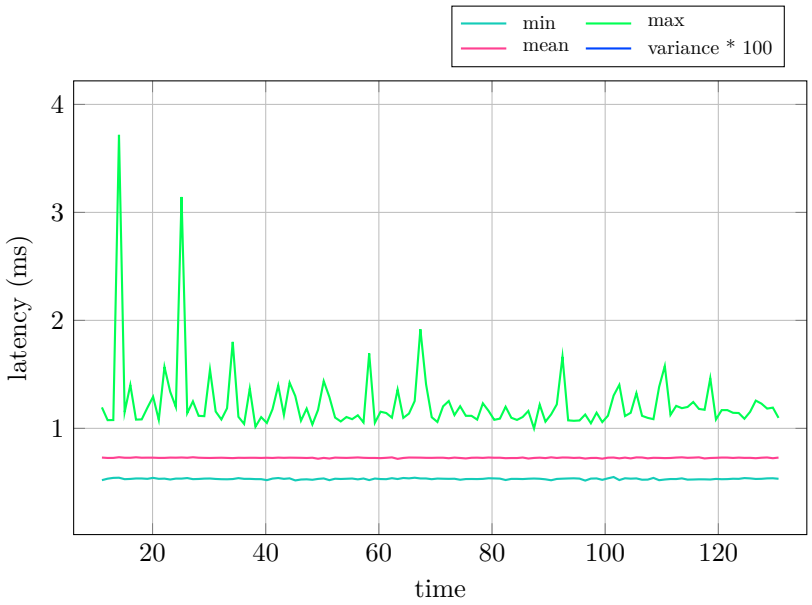
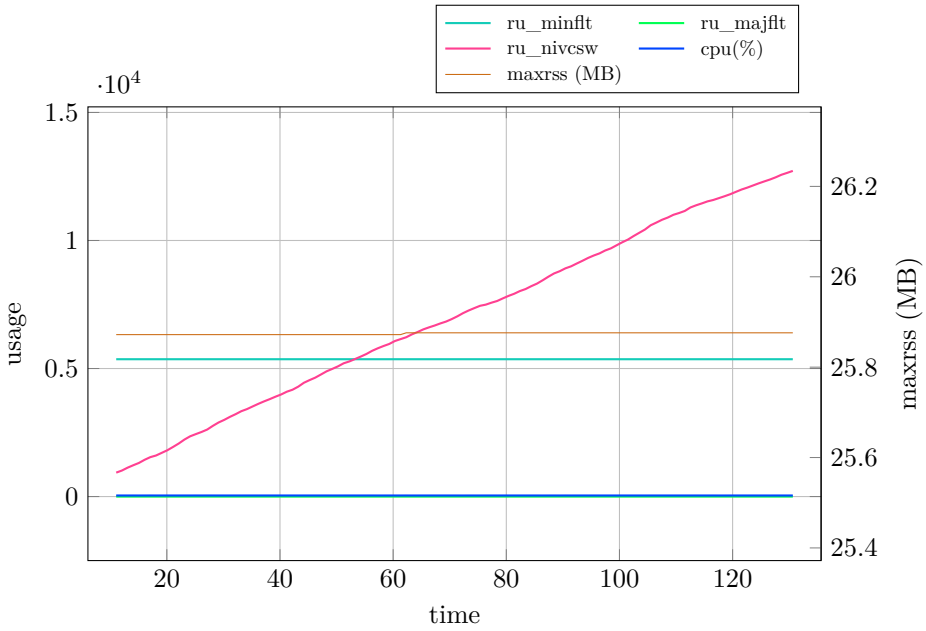
Performance

Logfile name	log_test_topic_30-11-2020_09-44-37
Experiment id	4f837d6a-20a9-4fb5-919c-c8c41acb716b
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	9994.5833
sent	999.4667
lost	0.3333
relative_loss	0.0003
data_received	84636506.9
latency_min (ms)	0.532
latency_max (ms)	1.2319
latency_mean (ms)	0.7271
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.517
pub_loop_res_max (ms)	0.7351
pub_loop_res_mean (ms)	0.7001
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 (%)	41.5936

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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