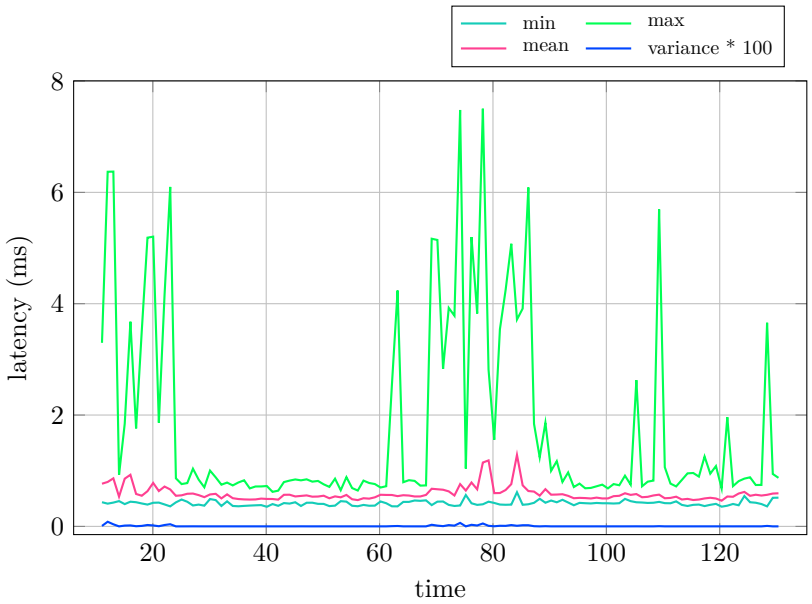
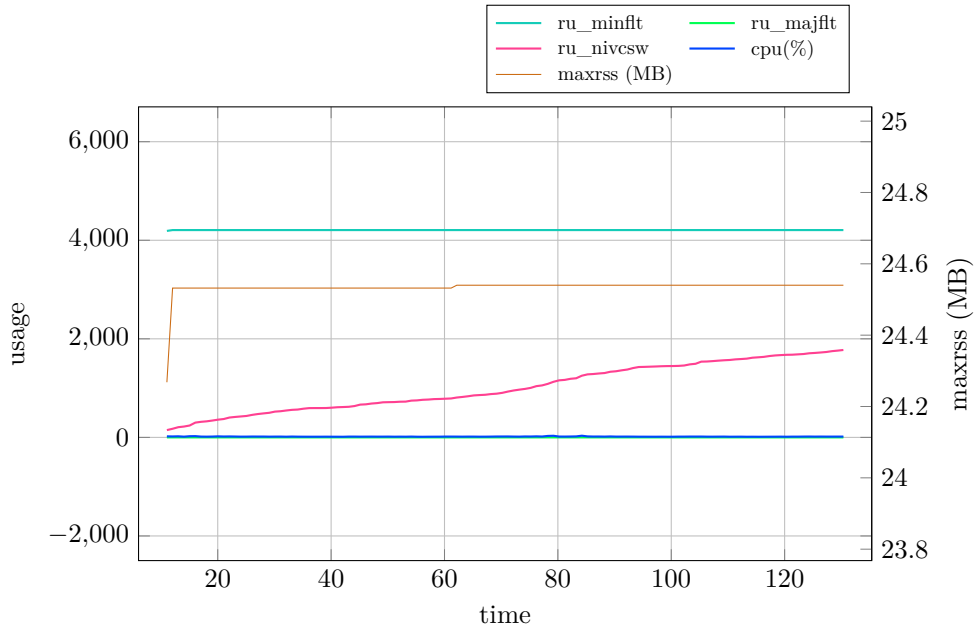
Performance

Logfile name	log_test_topic_30-11-2020_06-59-48
Experiment id	deddfc2b-32b5-40da-81f3-2cc17f6df50d
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0027
received	4997.625
sent	999.5
lost	0.0417
relative_loss	0.0001
data_received	42319887.925
latency_min (ms)	0.4157
latency_max (ms)	1.8119
latency_mean (ms)	0.5899
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-0.0357
pub_loop_res_max (ms)	0.785
pub_loop_res_mean (ms)	0.6545
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 (%)	16.4628

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