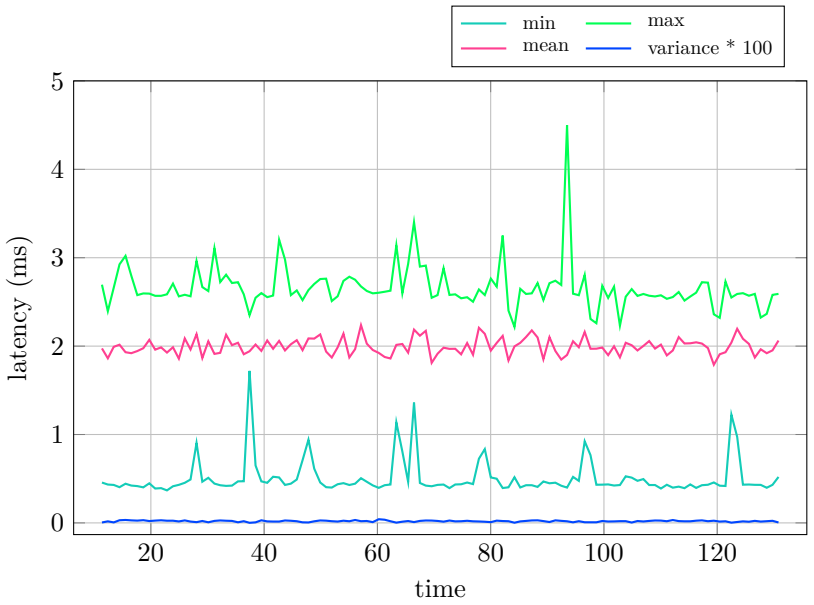
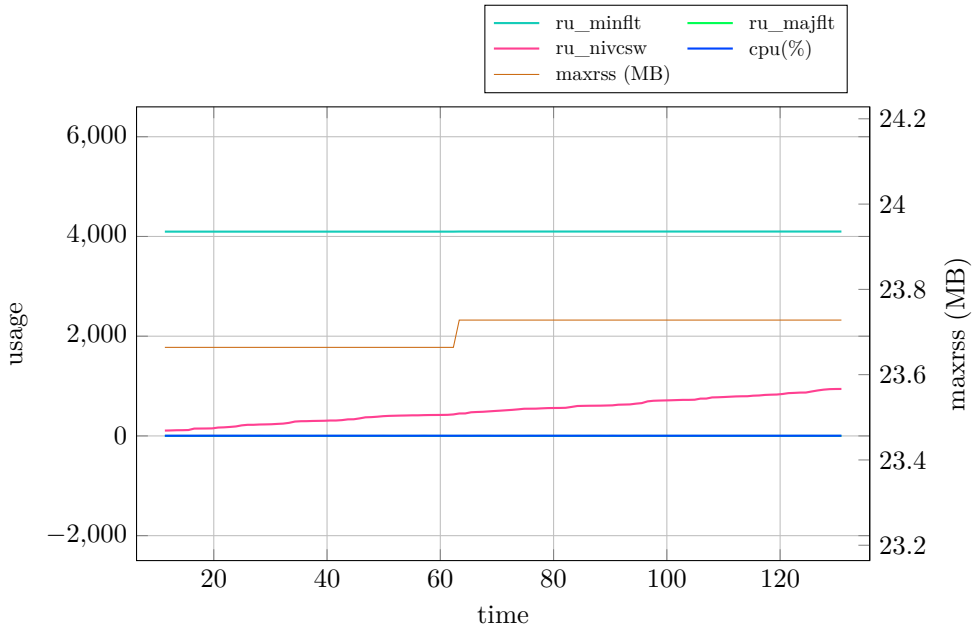
Performance

Logfile name	log_test_topic_29-11-2020_10-18-02
Experiment id	b0a8a871-a33f-4aef-8ae0-e2c179bbf4e0
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0386
received	247.5862
sent	49.5
lost	0.0
relative_loss	0.0
data_received	2116283.0259
latency_min (ms)	0.5067
latency_max (ms)	2.6588
latency_mean (ms)	1.9948
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	18.8158
pub_loop_res_max (ms)	19.6108
pub_loop_res_mean (ms)	19.0466
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 (%)	3.9902

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