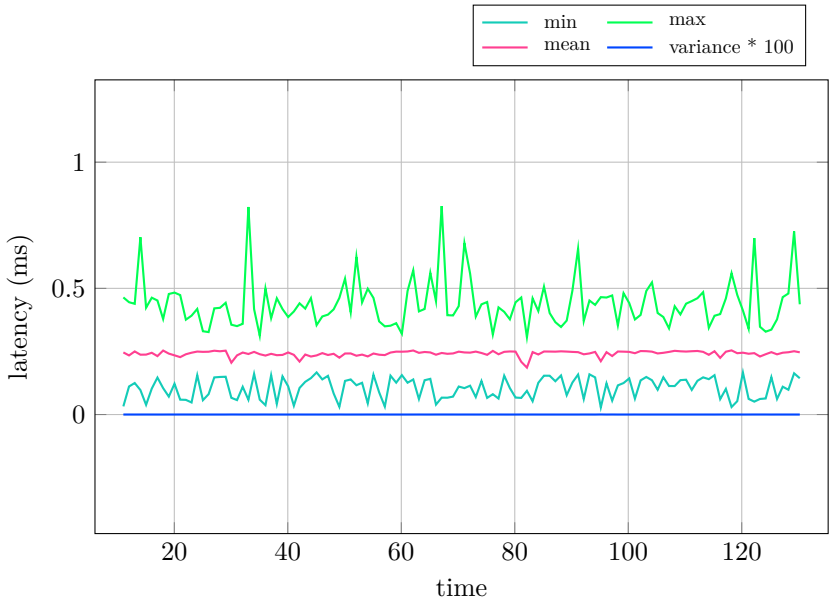
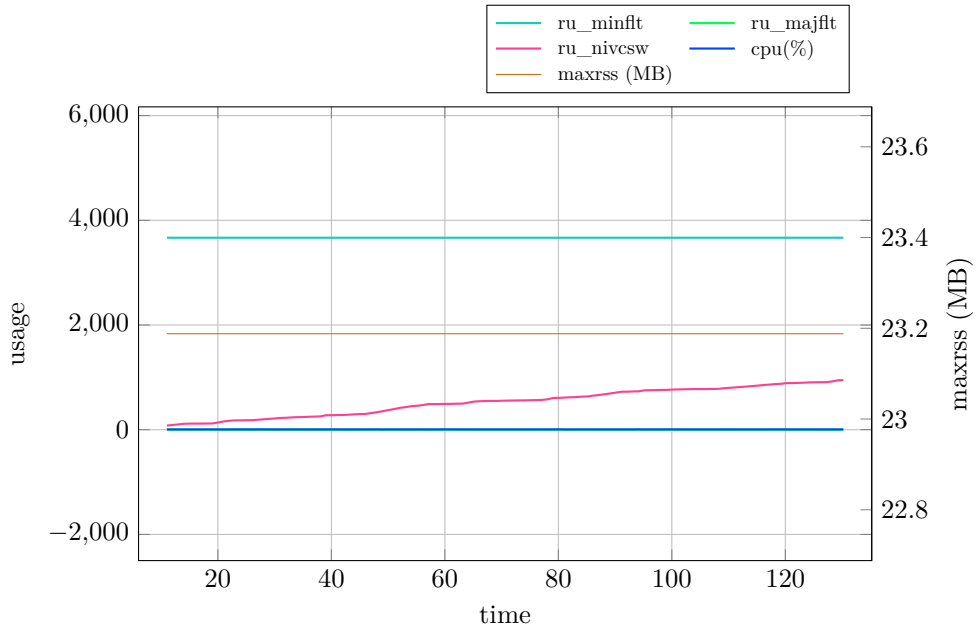
Performance

Logfile name	log_test_topic_27-11-2020_13-40-04
Experiment id	f22aa412-6349-4822-905e-7db133fa3930
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	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0015
received	2998.4083
sent	999.4833
lost	0.025
relative_loss	0.0
data_received	95997.15
latency_min (ms)	0.1048
latency_max (ms)	0.4405
latency_mean (ms)	0.242
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7716
pub_loop_res_max (ms)	0.9182
pub_loop_res_mean (ms)	0.8385
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 (%)	6.0647

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
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