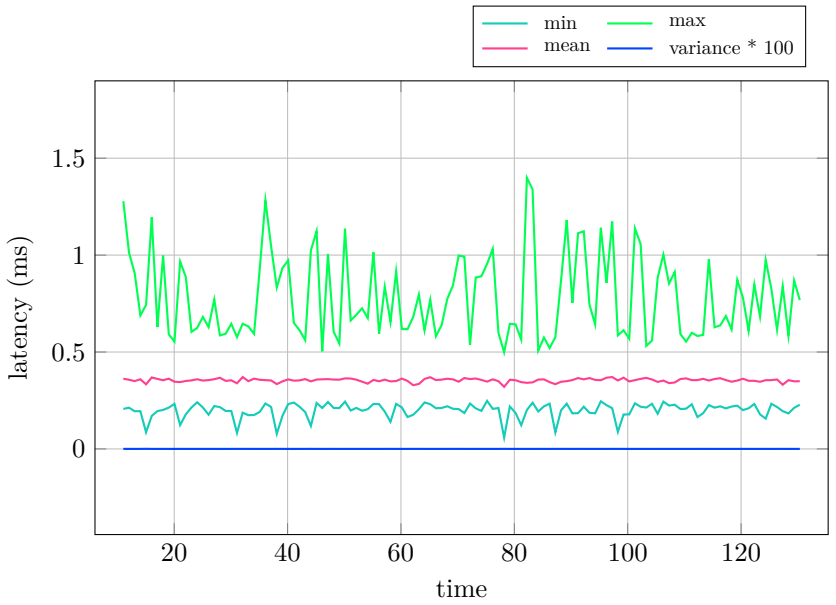
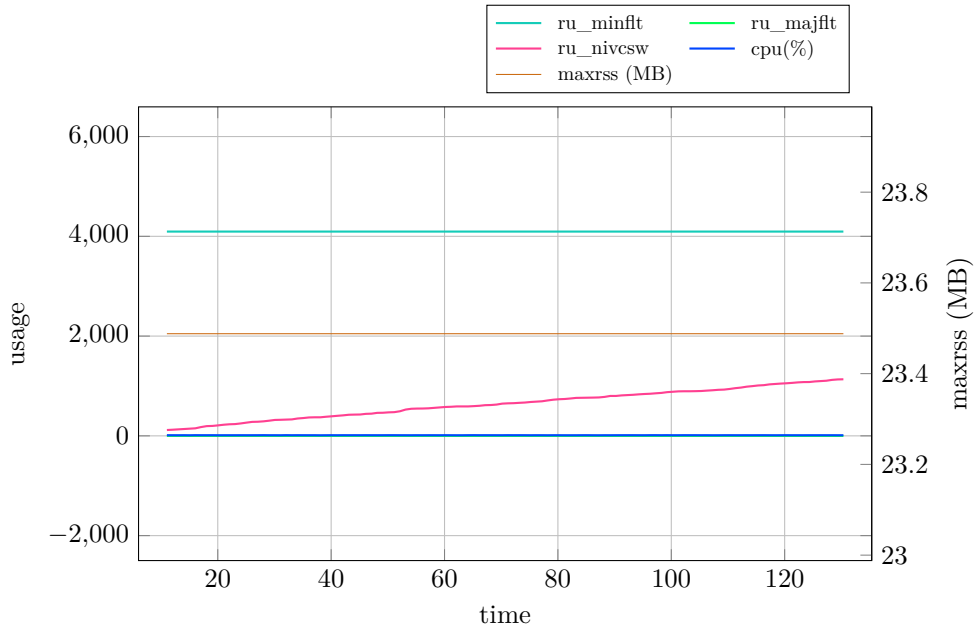
Performance

Logfile name	log_test_topic_30-11-2020_06-57-30
Experiment id	6bae1eca-5945-4ef8-b2de-4b4ca6dd0b80
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	1.0025
received	4997.5917
sent	999.525
lost	0.0
relative_loss	0.0
data_received	2640004.3417
latency_min (ms)	0.1996
latency_max (ms)	0.7806
latency_mean (ms)	0.3541
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7136
pub_loop_res_max (ms)	0.8797
pub_loop_res_mean (ms)	0.8126
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 (%)	12.6374

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
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