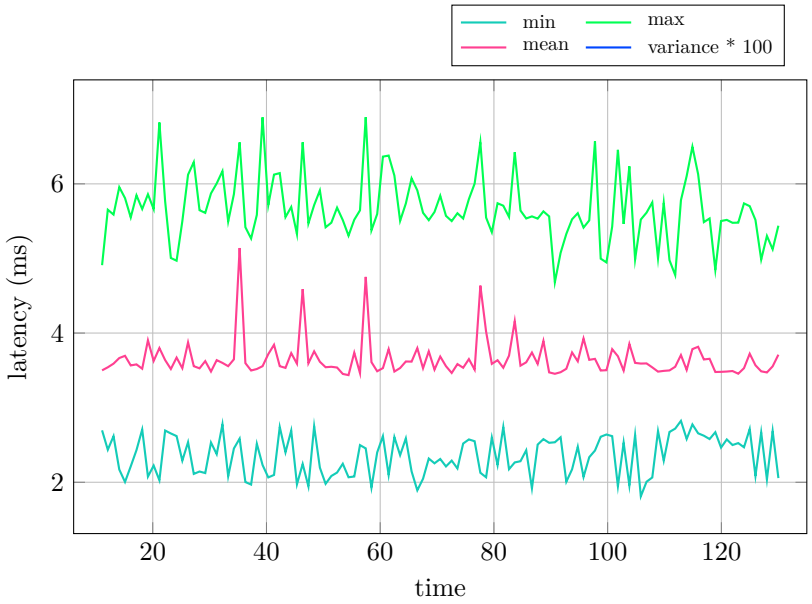
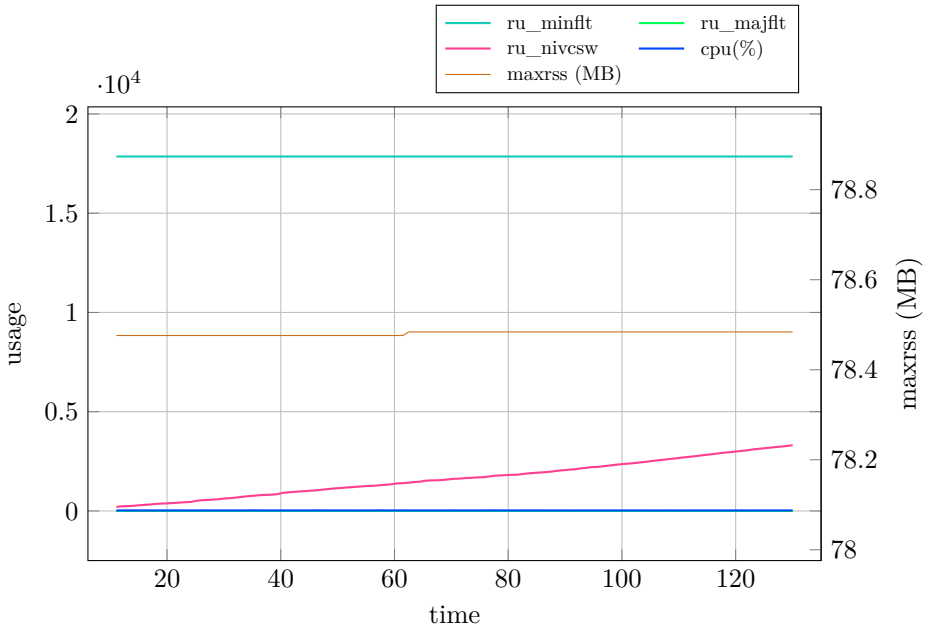
Performance

Logfile name	log_test_topic_29-11-2020_18-23-44
Experiment id	aded5698-ddcd-4c83-b41d-462e29286214
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0078
received	2482.8824
sent	499.5126
lost	10.5798
relative_loss	0.0211
data_received	5211875397.5882
latency_min (ms)	2.3579
latency_max (ms)	5.6707
latency_mean (ms)	3.6494
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-1.3816
pub_loop_res_max (ms)	0.8611
pub_loop_res_mean (ms)	0.2048
pub_loop_res_variance (ms)	0.0045
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 (%)	25.9553

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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