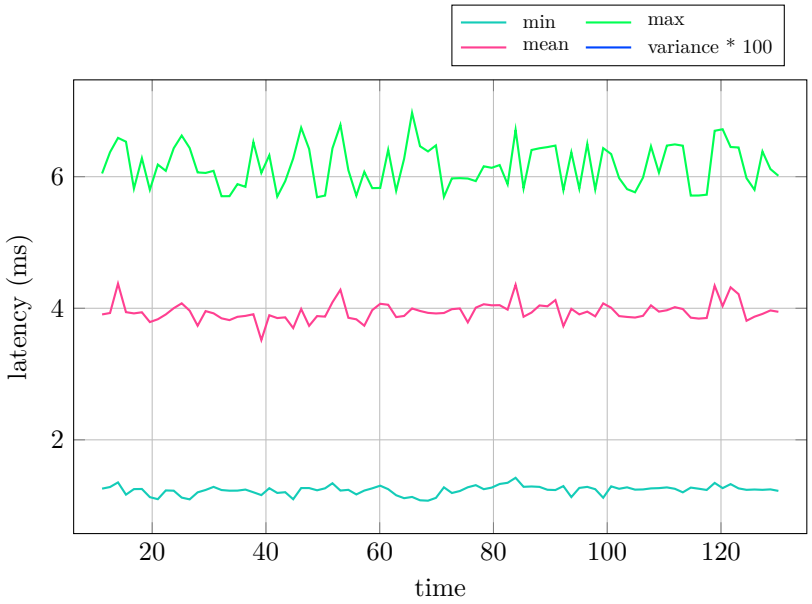
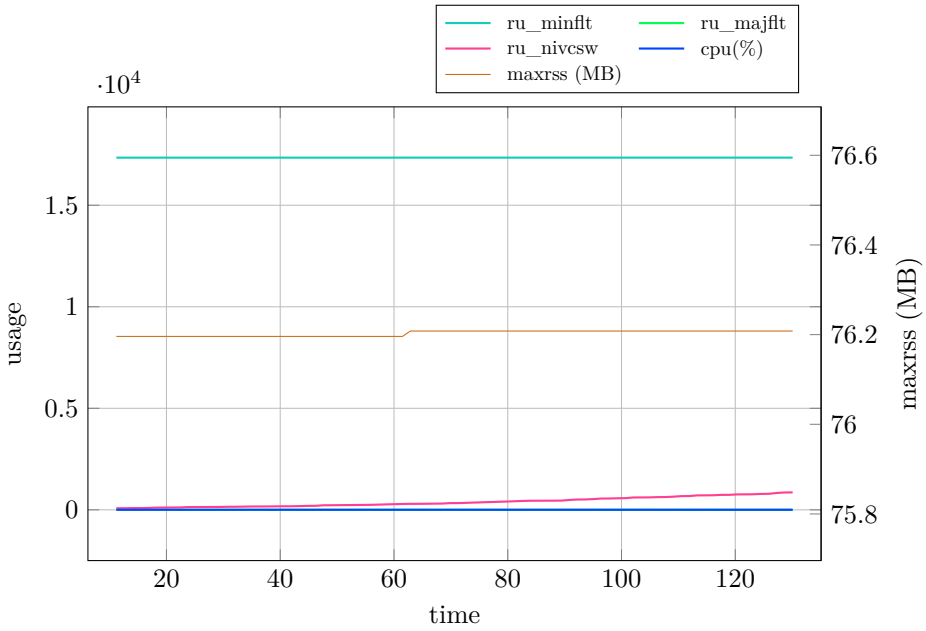
Performance

Logfile name	log_test_topic_28-11-2020_10-36-54
Experiment id	0575676f-43ae-4176-978d-51ec3a234c97
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.3985
received	47.4651
sent	9.4651
lost	0.0
relative_loss	0.0
data_received	104861038.4419
latency_min (ms)	1.2363
latency_max (ms)	6.1627
latency_mean (ms)	3.9469
latency_variance (ms)	0.0024
pub_loop_res_min (ms)	97.9424
pub_loop_res_max (ms)	99.4057
pub_loop_res_mean (ms)	98.4298
pub_loop_res_variance (ms)	0.0004
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 (%)	3.8076

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