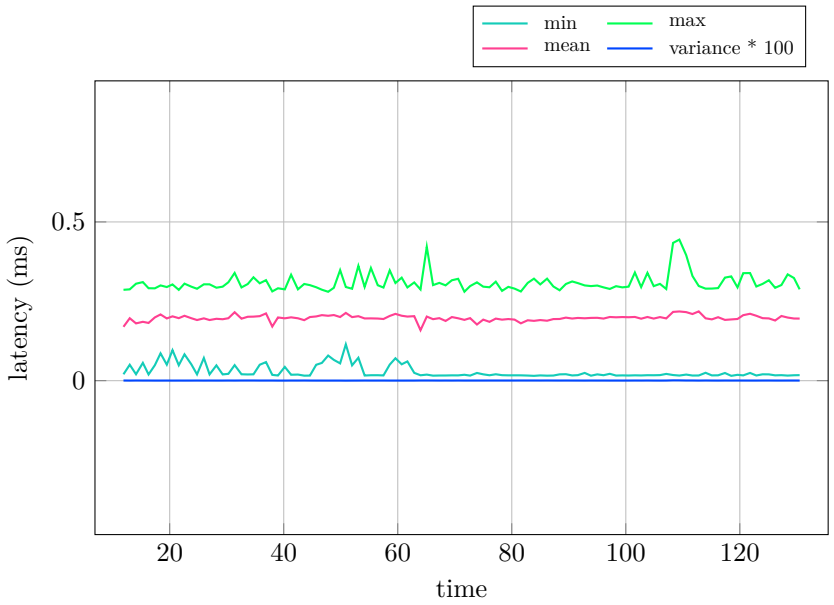
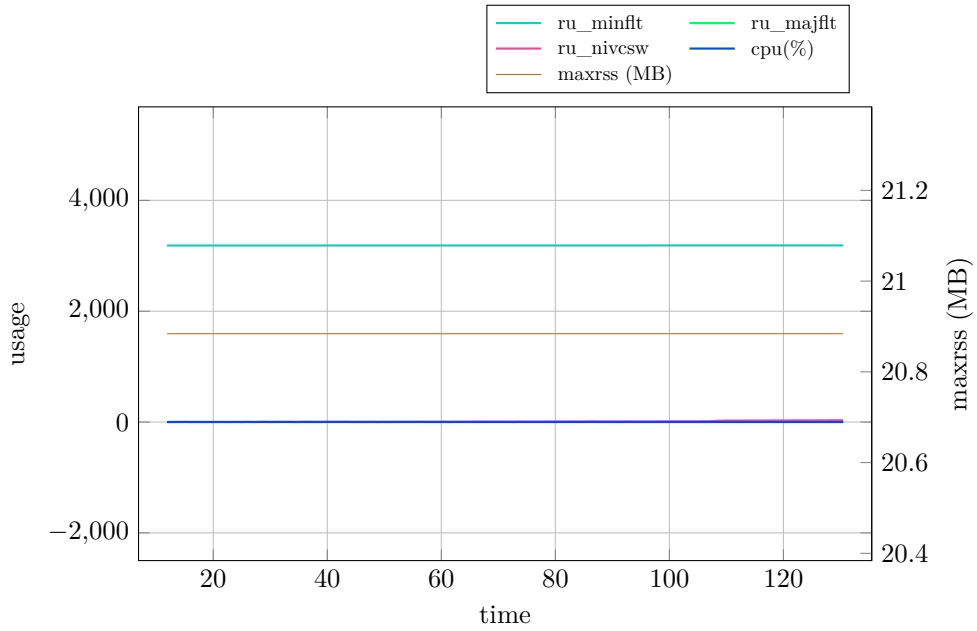
Performance

Logfile name	log_test_topic_28-11-2020_11-06-56
Experiment id	62d06b4b-f7e6-44e7-ab1a-1d2d1040a305
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	1.0971
received	47.6239
sent	9.5321
lost	0.0
relative_loss	0.0
data_received	52023.4312
latency_min (ms)	0.0289
latency_max (ms)	0.3087
latency_mean (ms)	0.1973
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4362
pub_loop_res_max (ms)	99.8292
pub_loop_res_mean (ms)	99.5189
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 (%)	0.8164

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0