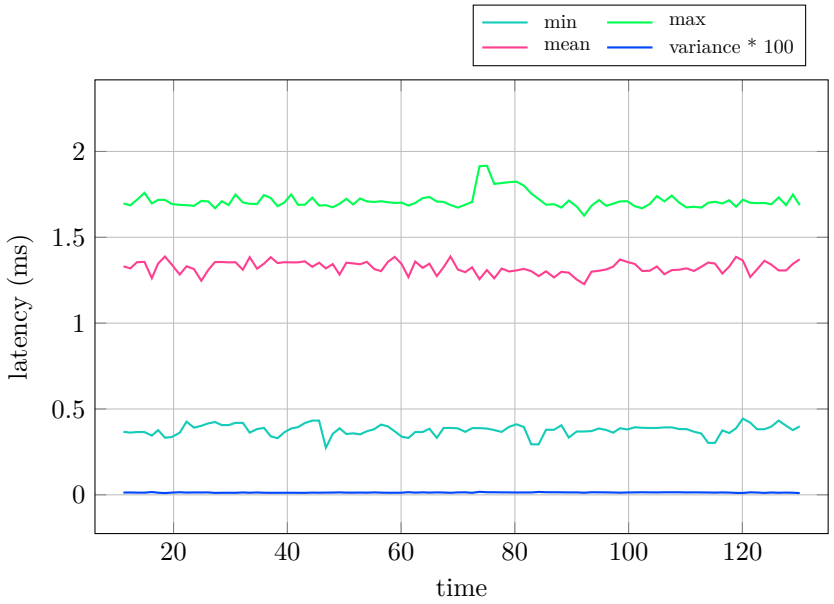
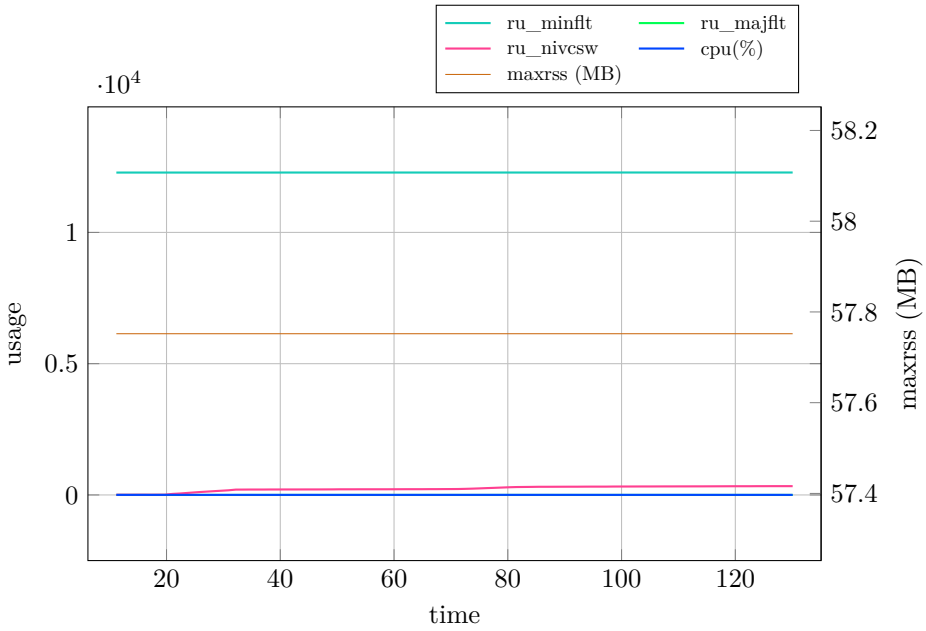
Performance

Logfile name	log_test_topic_30-11-2020_21-54-15
Experiment id	3ed0fea0-502b-4668-9749-859b93eb24c8
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.2519
received	94.9167
sent	9.4896
lost	0.0
relative_loss	0.0
data_received	104892696.8021
latency_min (ms)	0.3773
latency_max (ms)	1.7126
latency_mean (ms)	1.3246
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.1176
pub_loop_res_max (ms)	99.7883
pub_loop_res_mean (ms)	99.3179
pub_loop_res_variance (ms)	0.0001
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 (%)	2.6471

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0