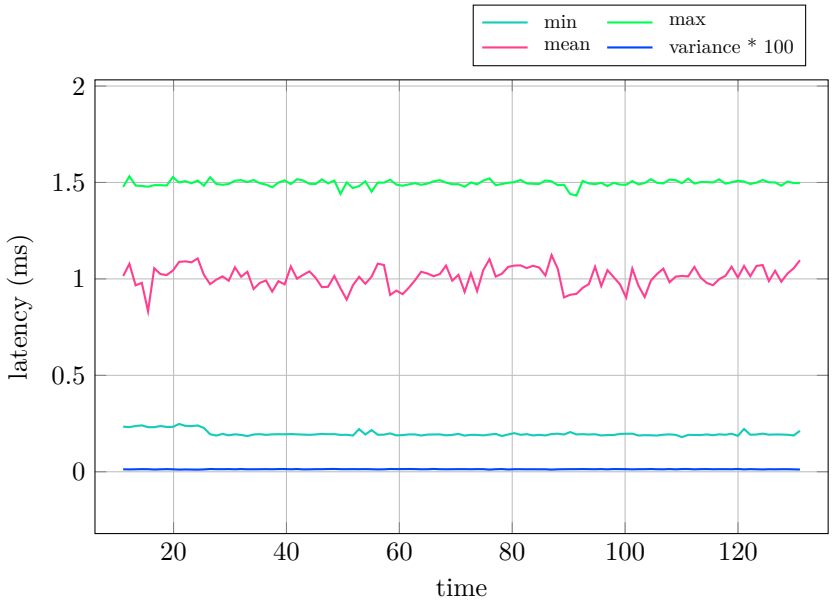
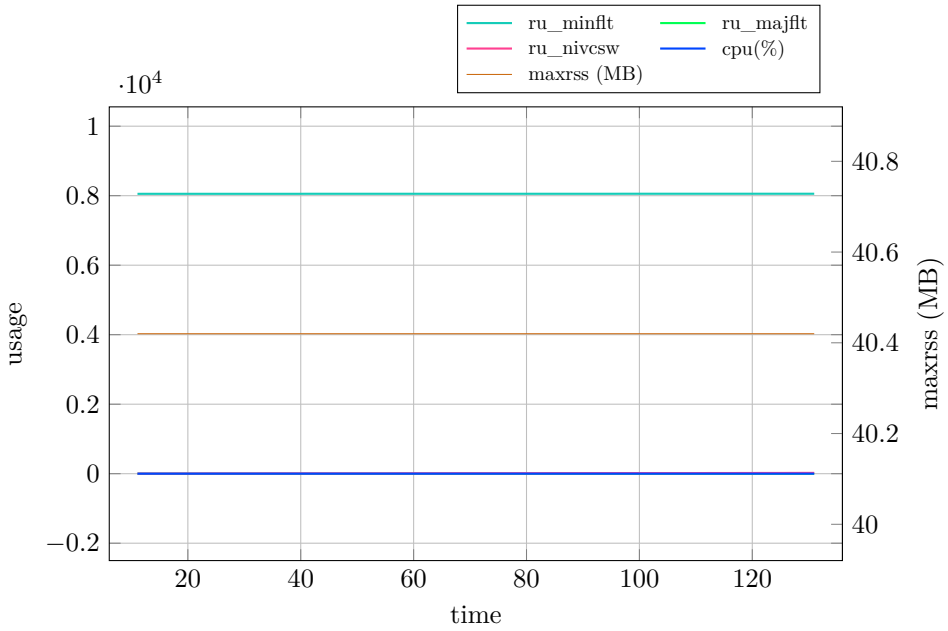
Performance

Logfile name	log_test_topic_12-12-2020_13-32-40
Experiment id	0314468b-153b-4010-822a-789ba212f944
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	1.0999
received	47.5636
sent	9.5273
lost	0.0
relative_loss	0.0
data_received	52429289.4364
latency_min (ms)	0.1988
latency_max (ms)	1.4964
latency_mean (ms)	1.0095
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.1078
pub_loop_res_max (ms)	99.8121
pub_loop_res_mean (ms)	99.2555
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 (%)	1.1183

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