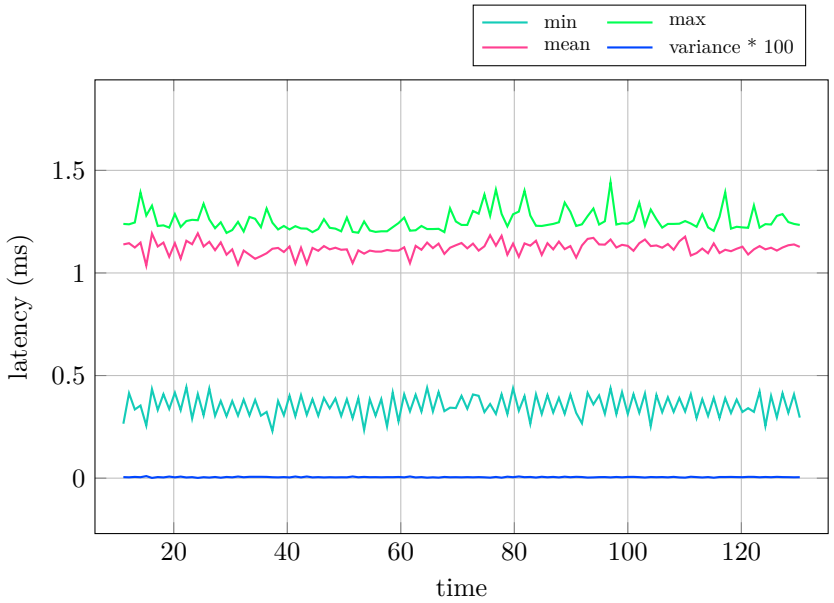
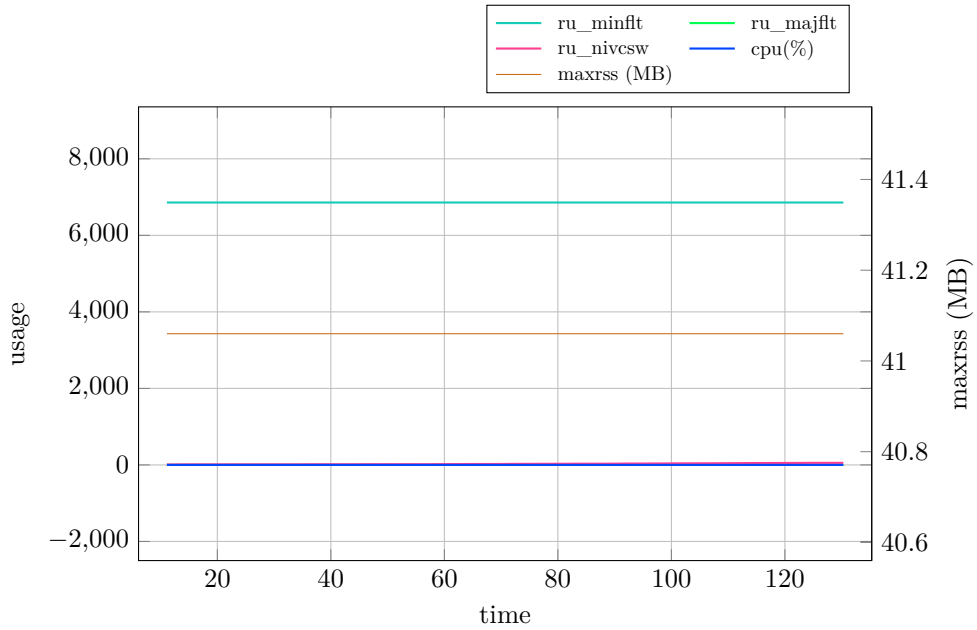
Performance

Logfile name	log_test_topic_28-11-2020_23-09-51
Experiment id	4953e804-cd30-45ff-8da4-63c3a9b03c11
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0099
received	49.5042
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	52445402.3782
latency_min (ms)	0.3519
latency_max (ms)	1.2532
latency_mean (ms)	1.1209
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.1142
pub_loop_res_max (ms)	19.7541
pub_loop_res_mean (ms)	19.2446
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 (%)	0.6019

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0