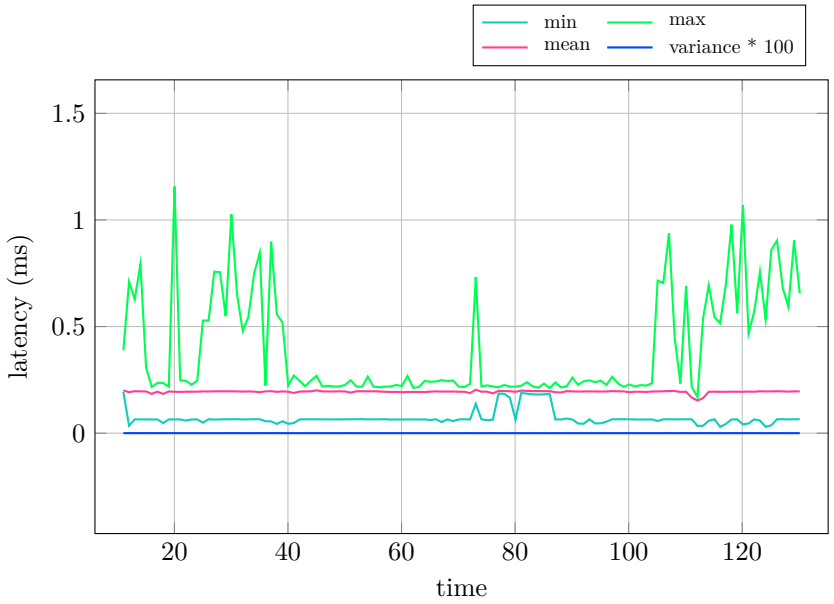
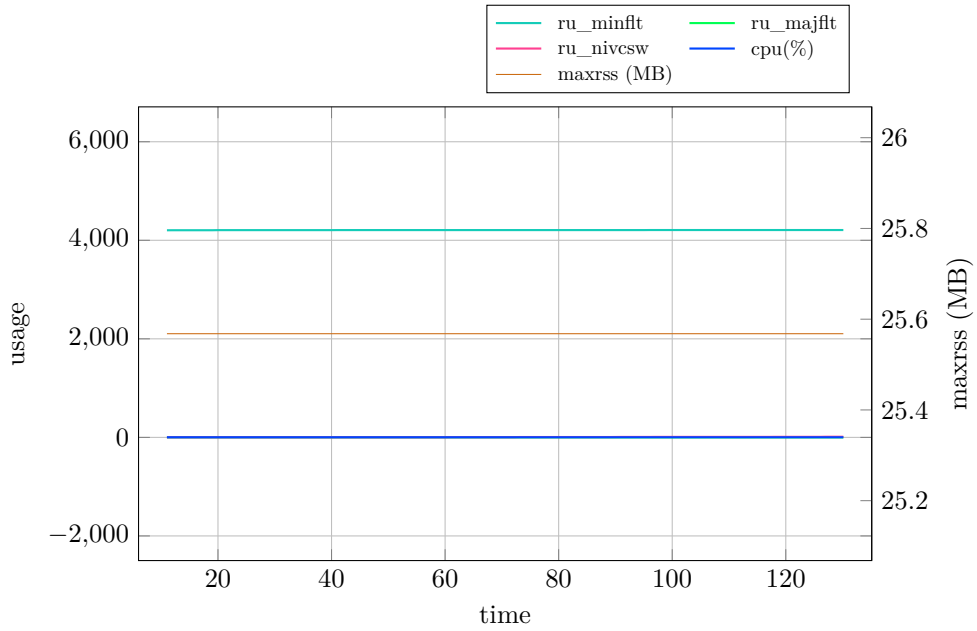
Performance

Logfile name	log_test_topic_30-11-2020_04-21-43
Experiment id	17662bb5-0d3c-4981-8f13-376a0d5401ac
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0008
received	999.4917
sent	999.5
lost	0.0
relative_loss	0.0
data_received	8464008.2583
latency_min (ms)	0.071
latency_max (ms)	0.3968
latency_mean (ms)	0.1942
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7313
pub_loop_res_max (ms)	0.915
pub_loop_res_mean (ms)	0.835
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 (%)	2.236

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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