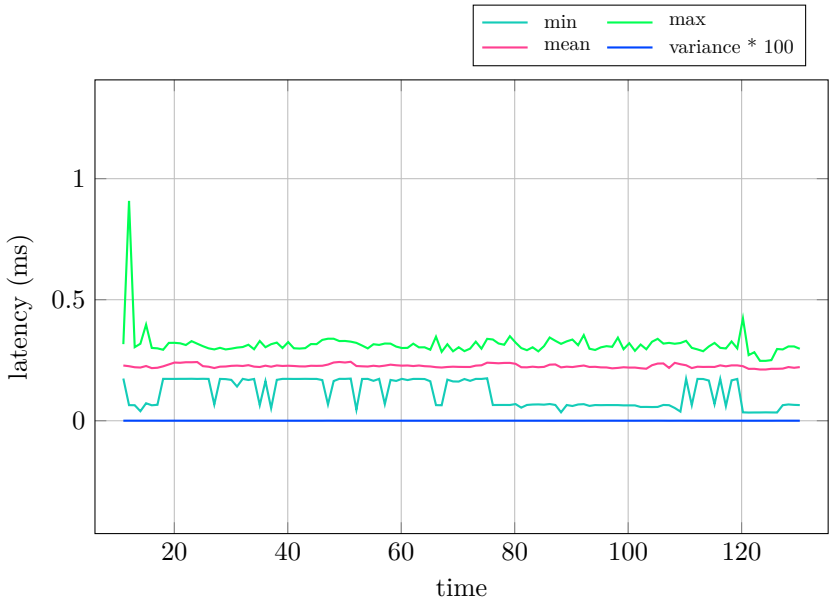
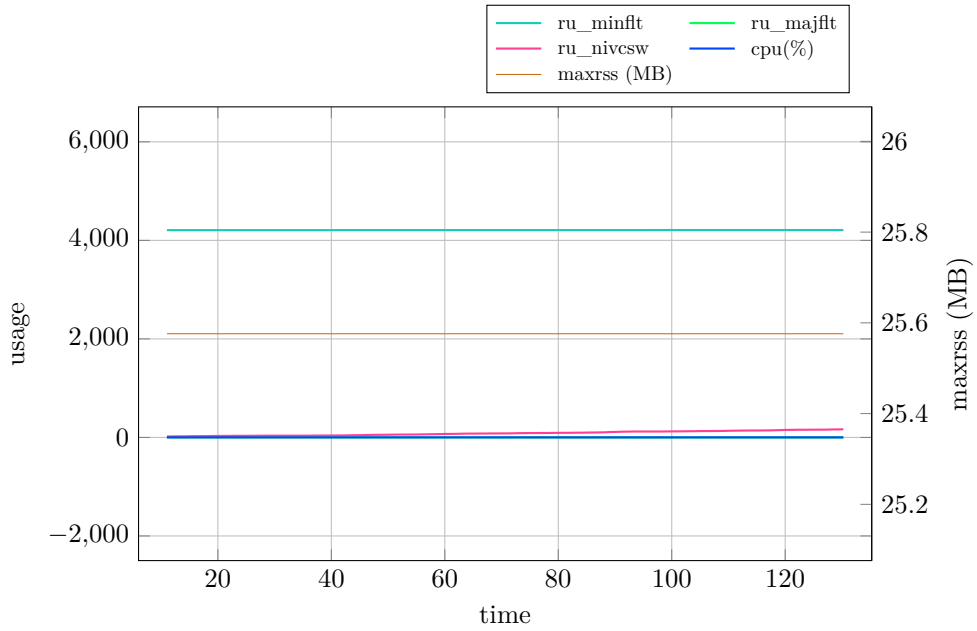
Performance

Logfile name	log_test_topic_01-12-2020_13-19-04
Experiment id	50292429-7bb6-4370-b7c7-071974b279fa
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0017
received	499.5083
sent	499.5083
lost	0.0
relative_loss	0.0
data_received	4231987.775
latency_min (ms)	0.1129
latency_max (ms)	0.3164
latency_mean (ms)	0.226
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.6272
pub_loop_res_max (ms)	1.9251
pub_loop_res_mean (ms)	1.7798
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 (%)	1.3295

environment

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