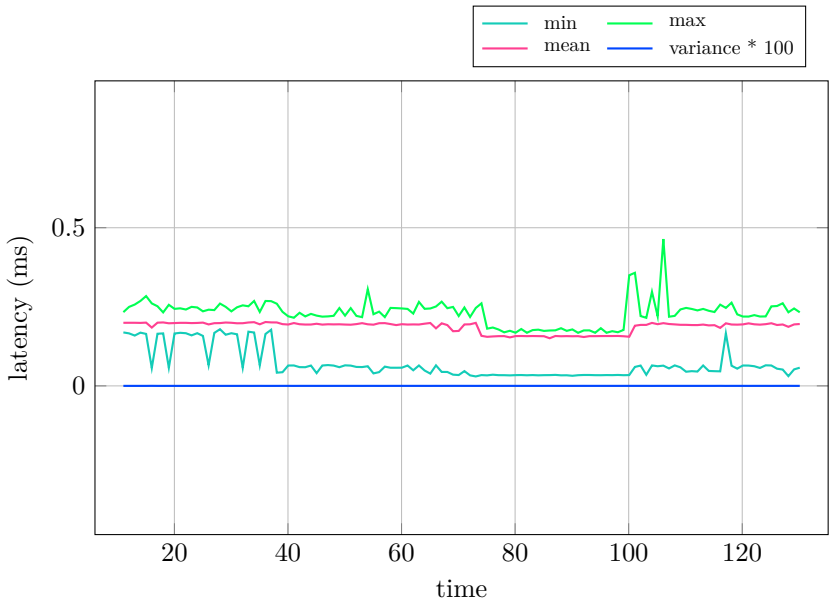
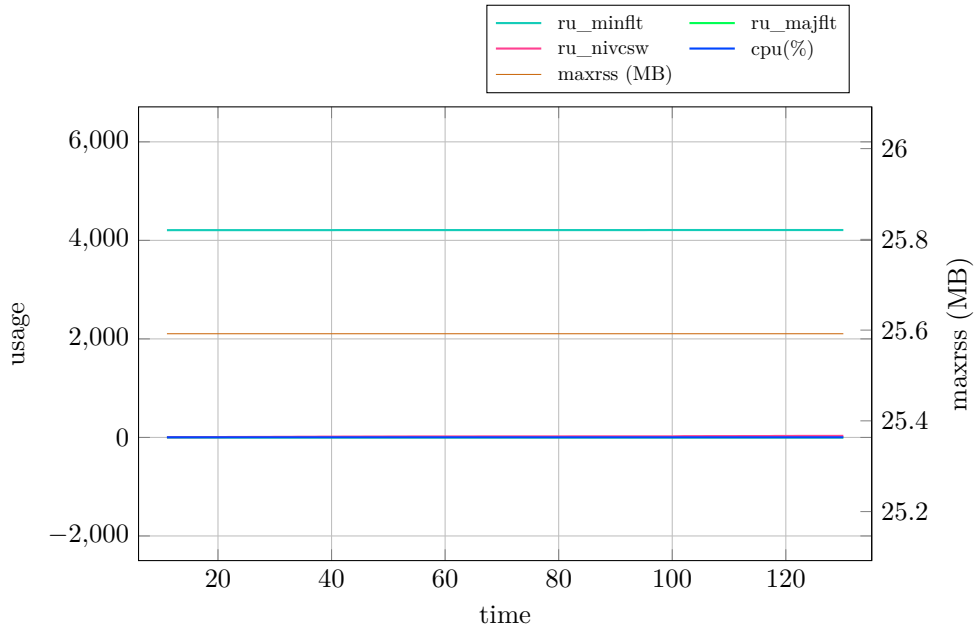
Performance

Logfile name	log_test_topic_01-12-2020_18-55-51
Experiment id	6aec2cdf-b0d7-4485-9316-a72a97d233d0
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	1.0007
received	999.475
sent	999.5083
lost	0.0083
relative_loss	0.0
data_received	8463774.8583
latency_min (ms)	0.0714
latency_max (ms)	0.2313
latency_mean (ms)	0.1865
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6779
pub_loop_res_max (ms)	0.9392
pub_loop_res_mean (ms)	0.8482
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 (%)	2.1737

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