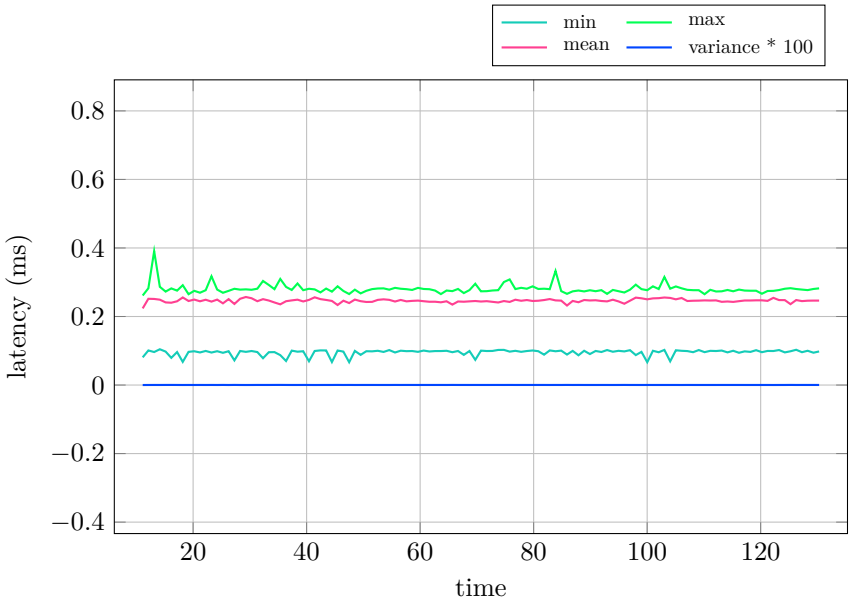
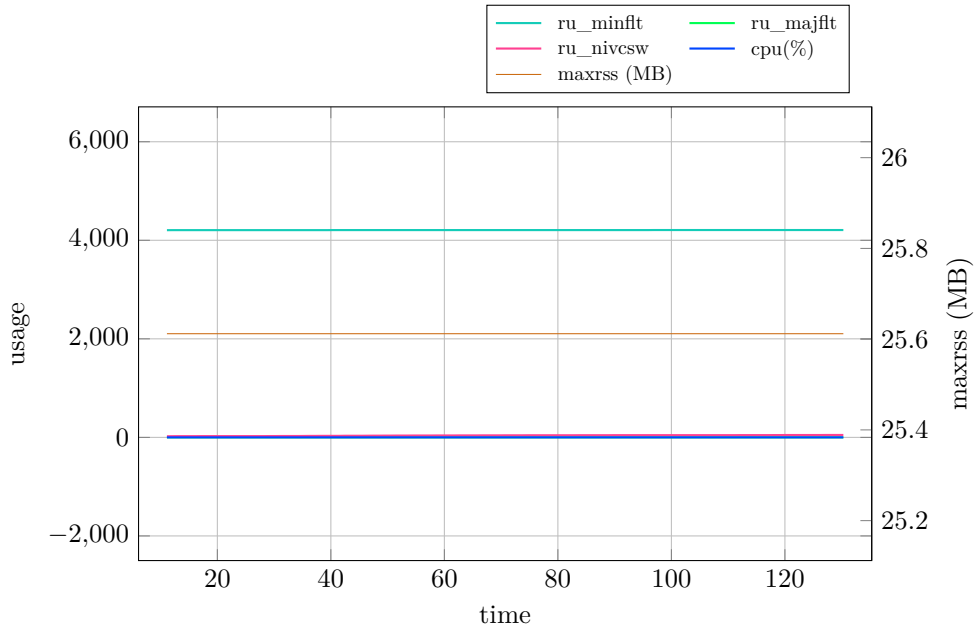
Performance

Logfile name	log_test_topic_01-12-2020_07-25-25
Experiment id	9de797fc-20a2-4357-9691-52bccc000a30
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	49.5126
lost	0.0
relative_loss	0.0
data_received	423270.6134
latency_min (ms)	0.0953
latency_max (ms)	0.2807
latency_mean (ms)	0.246
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4423
pub_loop_res_max (ms)	19.8682
pub_loop_res_mean (ms)	19.5449
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 (%)	0.2281

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