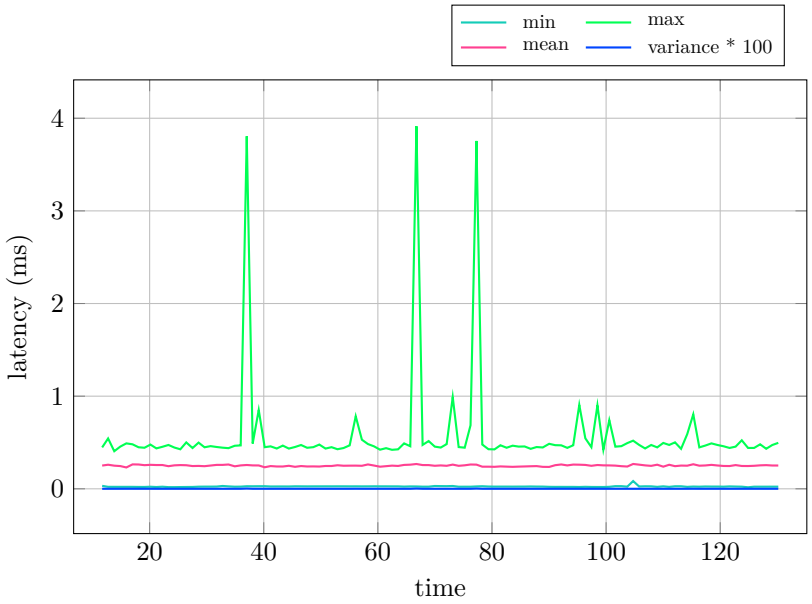
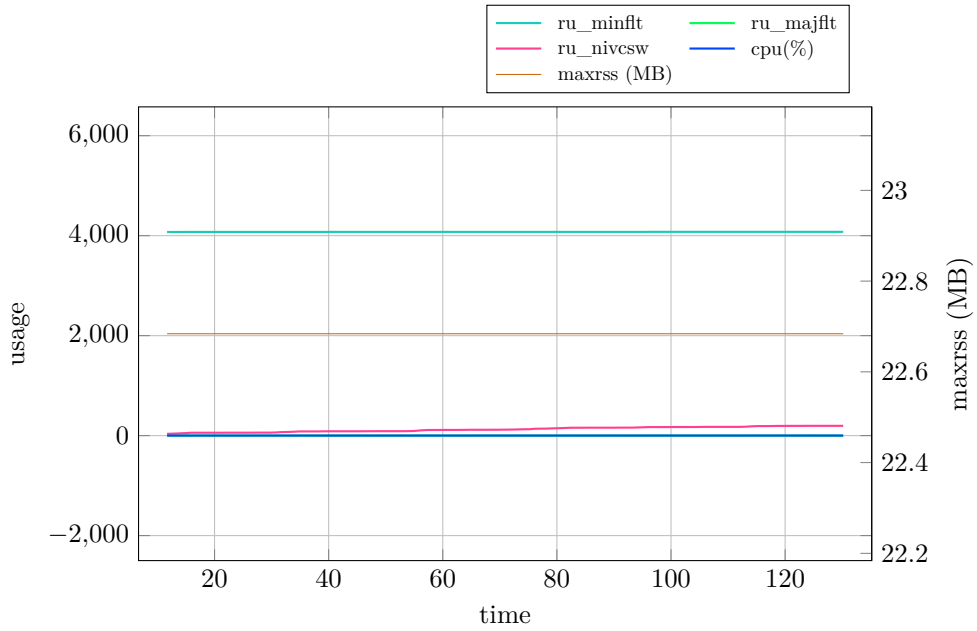
Performance

Logfile name	log_test_topic_29-11-2020_13-10-53
Experiment id	f8a9e66a-4b36-4a71-b676-4c324474e837
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0577
received	494.6991
sent	49.469
lost	0.0
relative_loss	0.0
data_received	264002.9027
latency_min (ms)	0.0248
latency_max (ms)	0.5779
latency_mean (ms)	0.2504
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.2887
pub_loop_res_max (ms)	19.8872
pub_loop_res_mean (ms)	19.4735
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 (%)	1.8803

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
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