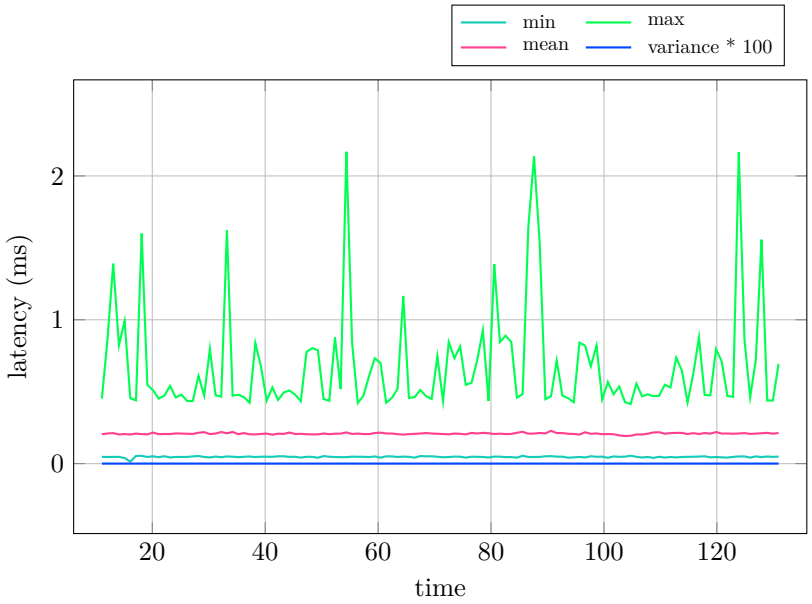
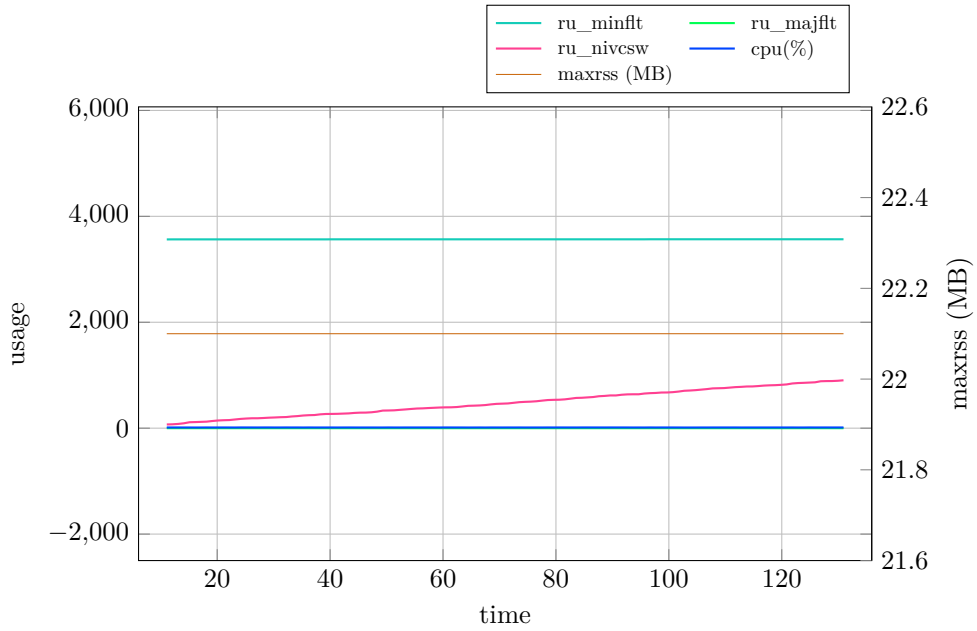
Performance

Logfile name	log_test_topic_29-11-2020_22-00-36
Experiment id	3a536a74-41bf-4904-8df1-ef69d768a072
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0069
received	4995.0417
sent	499.5333
lost	0.0
relative_loss	0.0
data_received	159995.35
latency_min (ms)	0.0469
latency_max (ms)	0.6796
latency_mean (ms)	0.2088
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.4535
pub_loop_res_max (ms)	1.8495
pub_loop_res_mean (ms)	1.7043
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 (%)	12.927

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
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