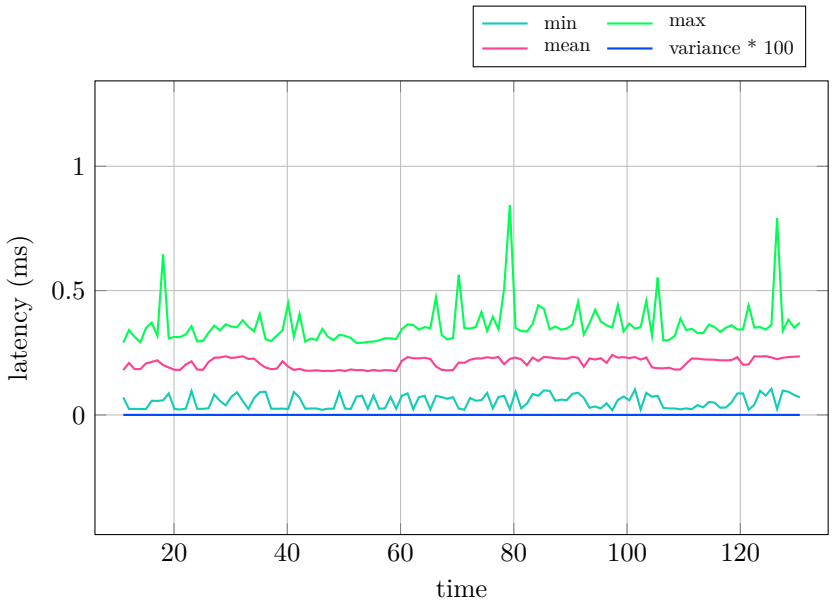
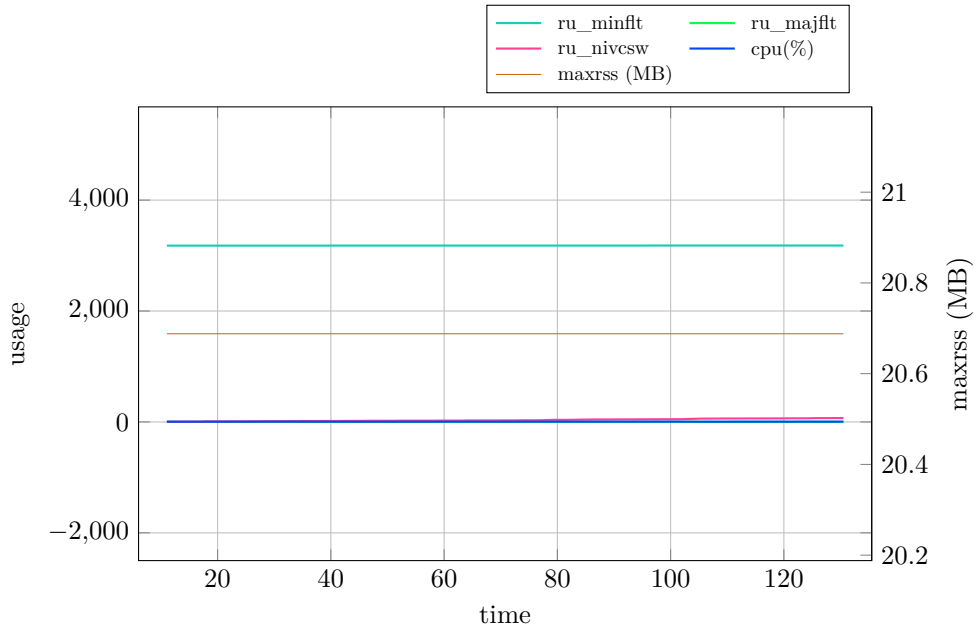
Performance

Logfile name	log_test_topic_29-11-2020_19-27-55
Experiment id	d119f338-6aa7-4b1f-9d1c-c4227dc7ab25
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0037
received	2497.5833
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	199997.6833
latency_min (ms)	0.0535
latency_max (ms)	0.3613
latency_mean (ms)	0.2095
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5957
pub_loop_res_max (ms)	1.8775
pub_loop_res_mean (ms)	1.6767
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 (%)	5.3558

environment

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