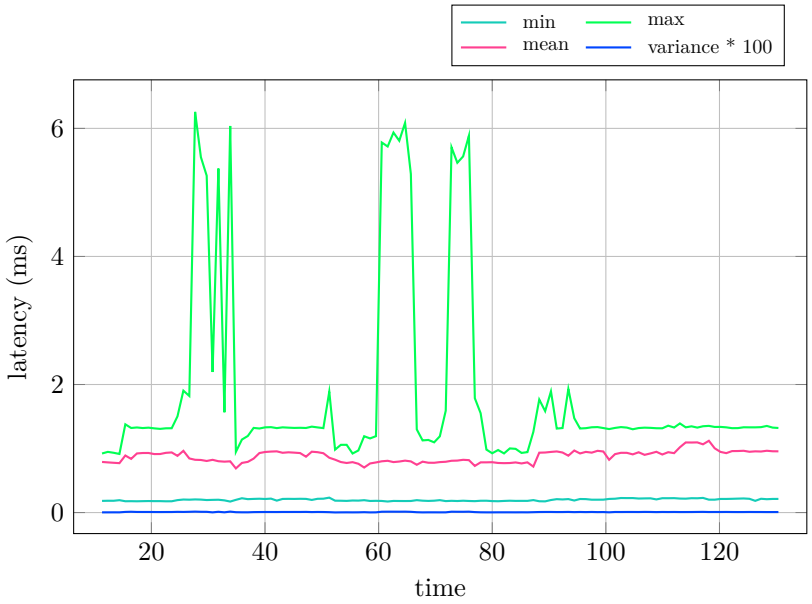
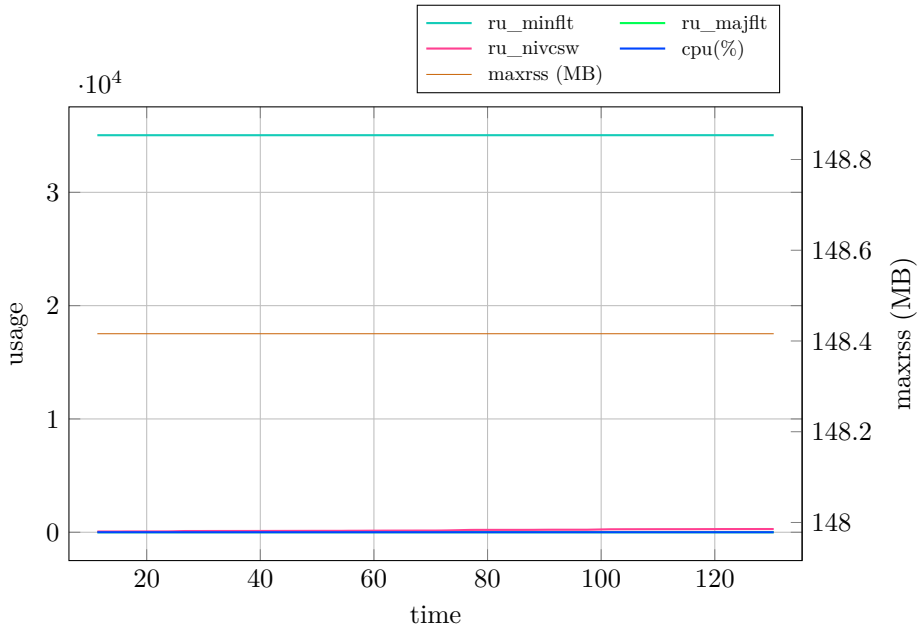
Performance

Logfile name	log_test_topic_29-11-2020_11-03-56
Experiment id	007683fe-b3f8-4415-85e1-95335dff82b3
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0262
received	247.3248
sent	49.5214
lost	0.0
relative_loss	0.0
data_received	16932520.7009
latency_min (ms)	0.1984
latency_max (ms)	1.8705
latency_mean (ms)	0.8766
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	19.3671
pub_loop_res_max (ms)	19.8932
pub_loop_res_mean (ms)	19.4918
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 (%)	2.0972

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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