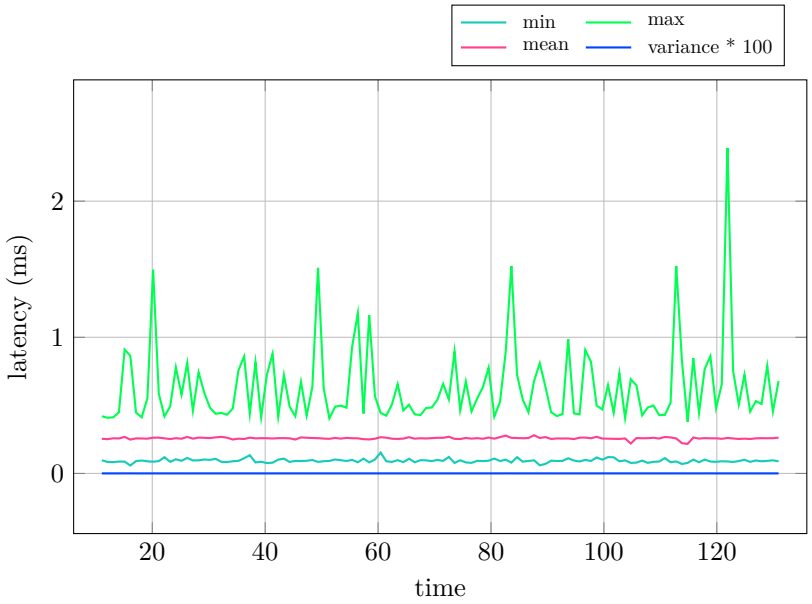
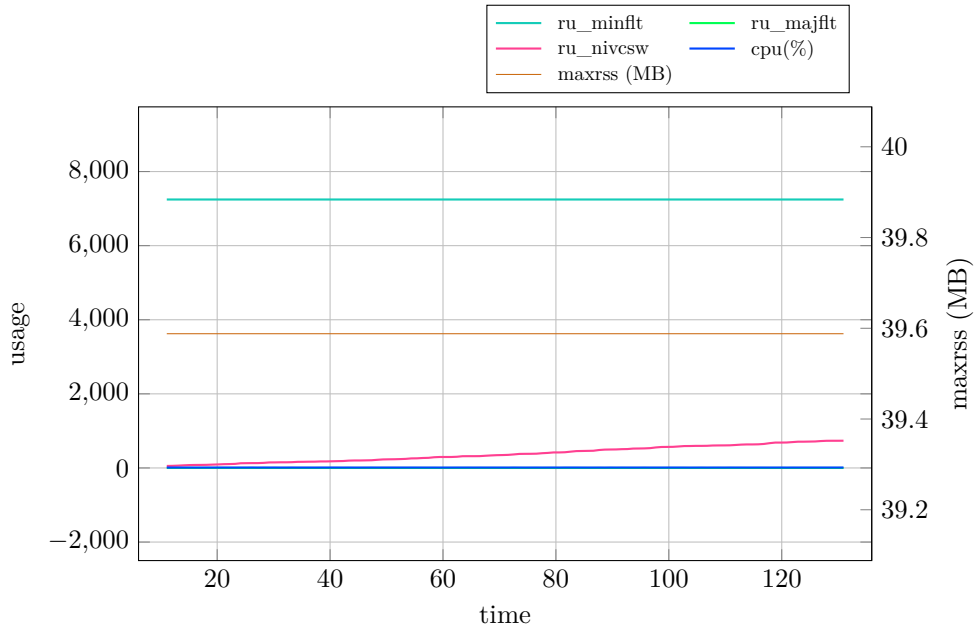
Performance

Logfile name	log_test_topic_29-11-2020_22-28-04
Experiment id	45ad244d-df71-4827-b94d-032118bdcbf0
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	1.007
received	4995.0333
sent	499.5
lost	0.0
relative_loss	0.0
data_received	5199989.7583
latency_min (ms)	0.0931
latency_max (ms)	0.634
latency_mean (ms)	0.2579
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.786
pub_loop_res_max (ms)	1.9158
pub_loop_res_mean (ms)	1.8515
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 (%)	11.2329

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0