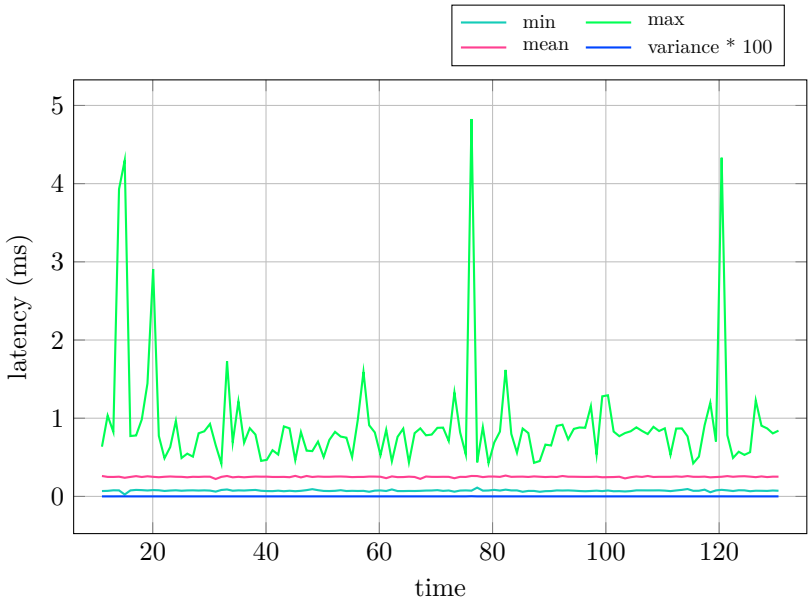
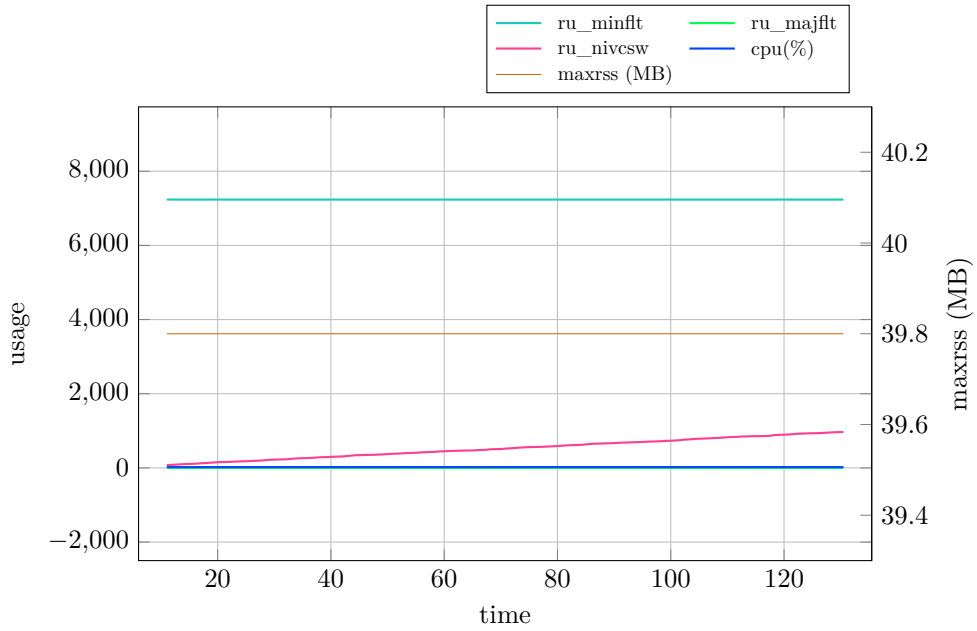
Performance

Logfile name	log_test_topic_30-11-2020_10-51-04
Experiment id	be014d5e-1a93-46b4-9514-b59af576e781
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0034
received	9995.1
sent	999.4917
lost	0.0
relative_loss	0.0
data_received	10399987.6583
latency_min (ms)	0.0737
latency_max (ms)	0.9225
latency_mean (ms)	0.2505
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.789
pub_loop_res_max (ms)	0.9228
pub_loop_res_mean (ms)	0.8796
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 (%)	21.7288

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