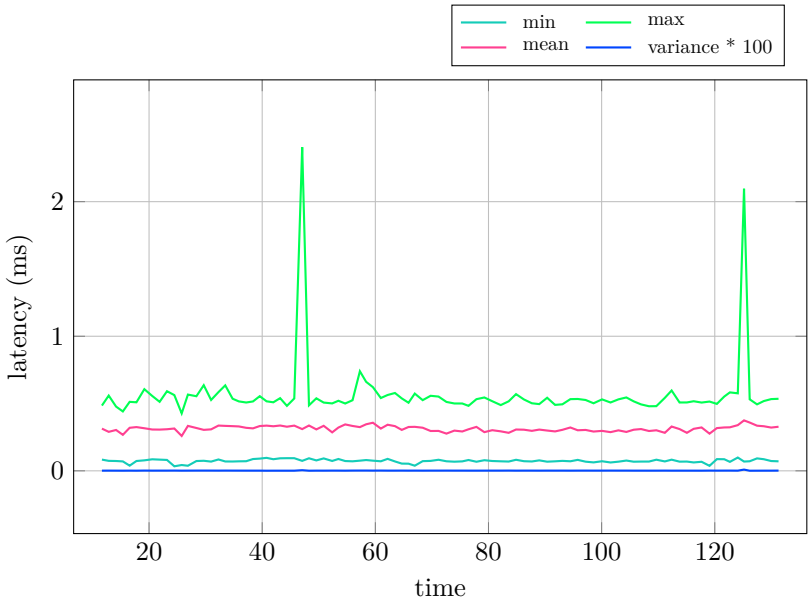
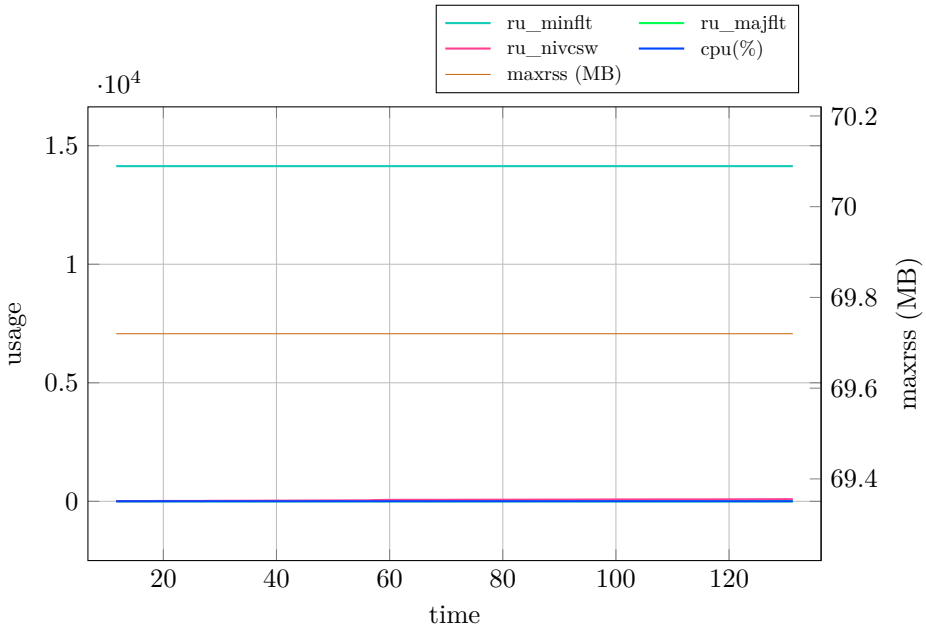
Performance

Logfile name	log_test_topic_28-11-2020_20-42-28
Experiment id	6fa028c6-9c42-4f8d-94d3-e555458e73dd
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.2988
received	95.0215
sent	9.4516
lost	0.0
relative_loss	0.0
data_received	3281728.086
latency_min (ms)	0.0734
latency_max (ms)	0.569
latency_mean (ms)	0.3138
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.5503
pub_loop_res_max (ms)	99.892
pub_loop_res_mean (ms)	99.6629
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 (%)	2.0737

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
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