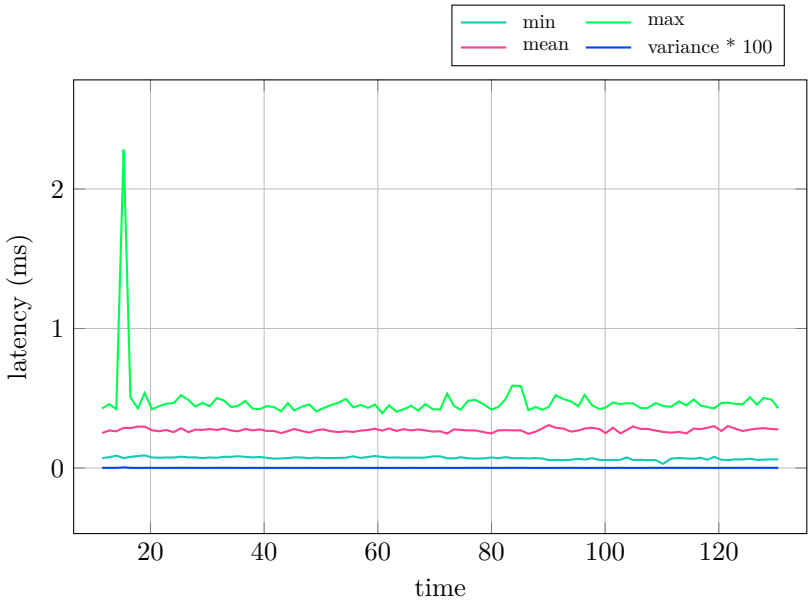
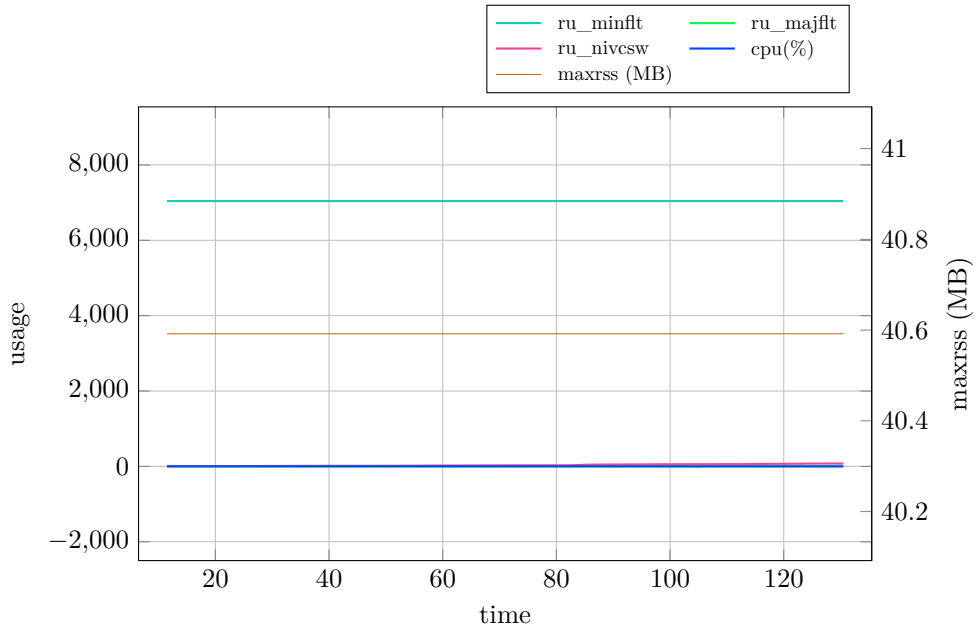
Performance

Logfile name	log_test_topic_12-12-2020_19-04-27
Experiment id	f45e7ff5-557e-488f-9992-829dfa4c0c7e
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	1.2672
received	95.0
sent	9.5158
lost	0.0
relative_loss	0.0
data_received	411521.0105
latency_min (ms)	0.0704
latency_max (ms)	0.4753
latency_mean (ms)	0.2717
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.5215
pub_loop_res_max (ms)	99.9195
pub_loop_res_mean (ms)	99.6579
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 (%)	1.9482

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0