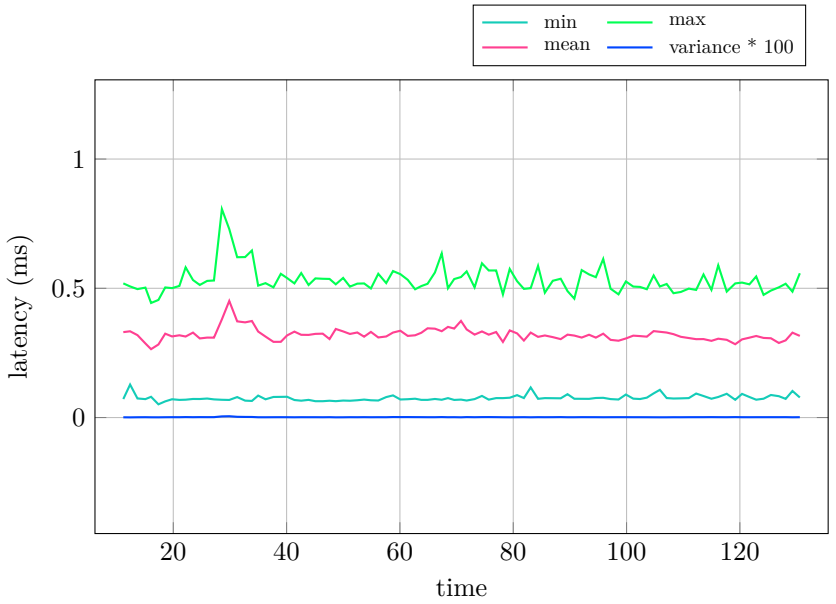
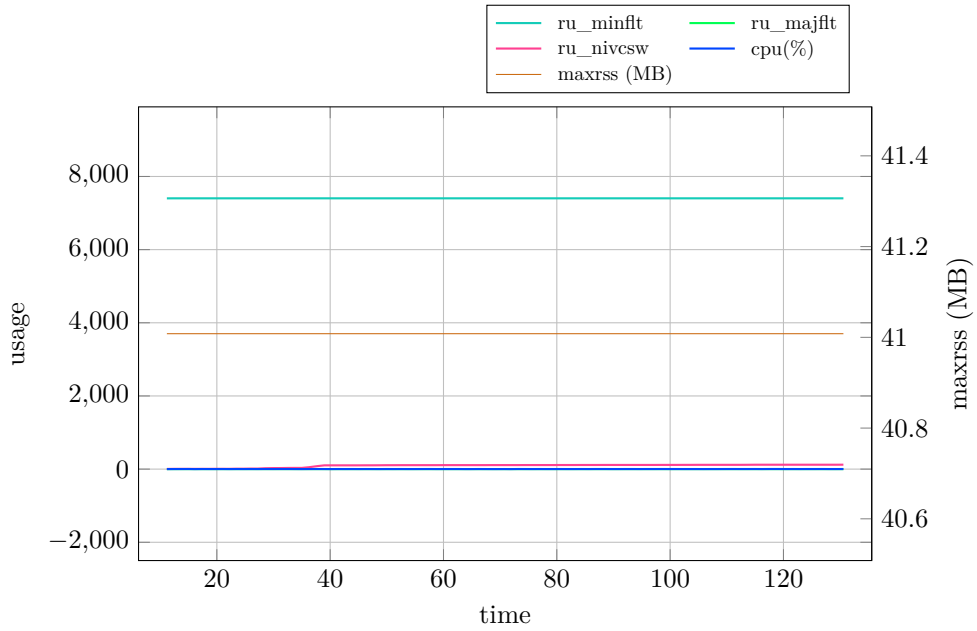
Performance

Logfile name	log_test_topic_12-12-2020_19-09-03
Experiment id	482860f5-42a9-4087-be11-8a0a6ff113d9
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	1.254
received	94.9792
sent	9.4583
lost	0.0
relative_loss	0.0
data_received	3281727.4479
latency_min (ms)	0.0753
latency_max (ms)	0.5317
latency_mean (ms)	0.3208
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.5098
pub_loop_res_max (ms)	99.8831
pub_loop_res_mean (ms)	99.6244
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 (%)	1.8644

environment

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