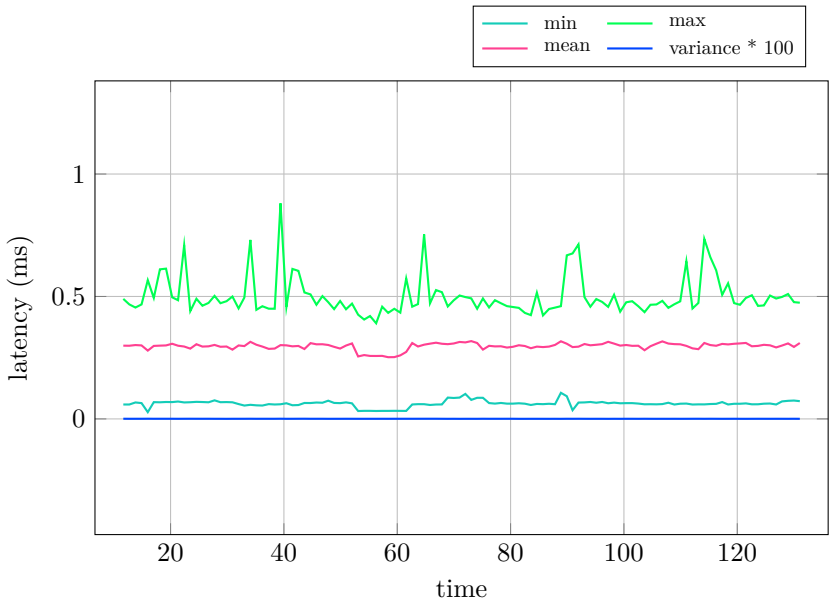
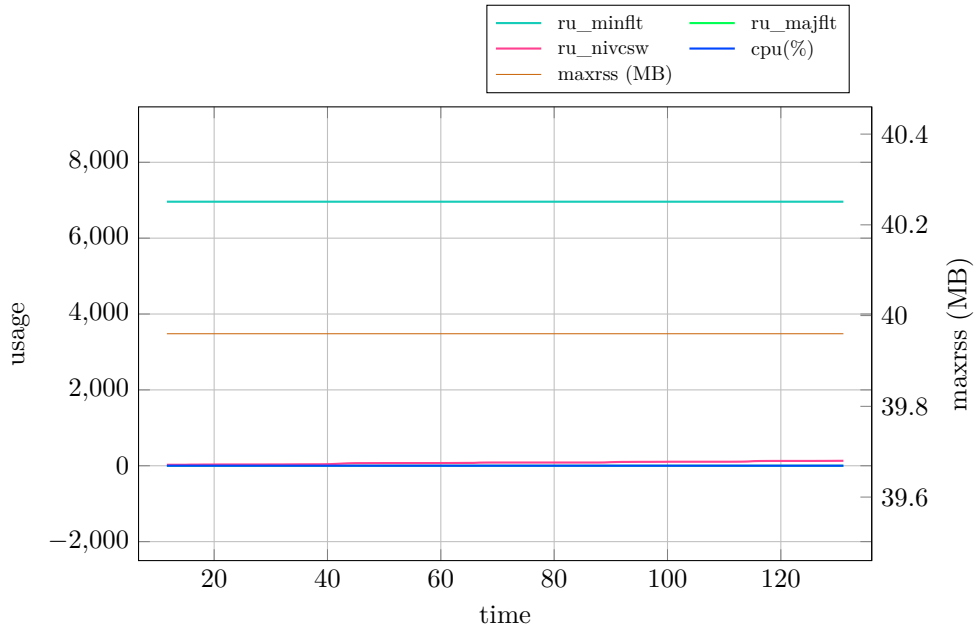
Performance

Logfile name	log_test_topic_29-11-2020_14-12-39
Experiment id	cf47cd24-88cd-4762-b7b6-3b5aa1ba7f63
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0563
received	494.9825
sent	49.5351
lost	0.0
relative_loss	0.0
data_received	83997.6053
latency_min (ms)	0.0627
latency_max (ms)	0.5004
latency_mean (ms)	0.297
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.439
pub_loop_res_max (ms)	19.8928
pub_loop_res_mean (ms)	19.5632
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 (%)	1.6328

environment

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