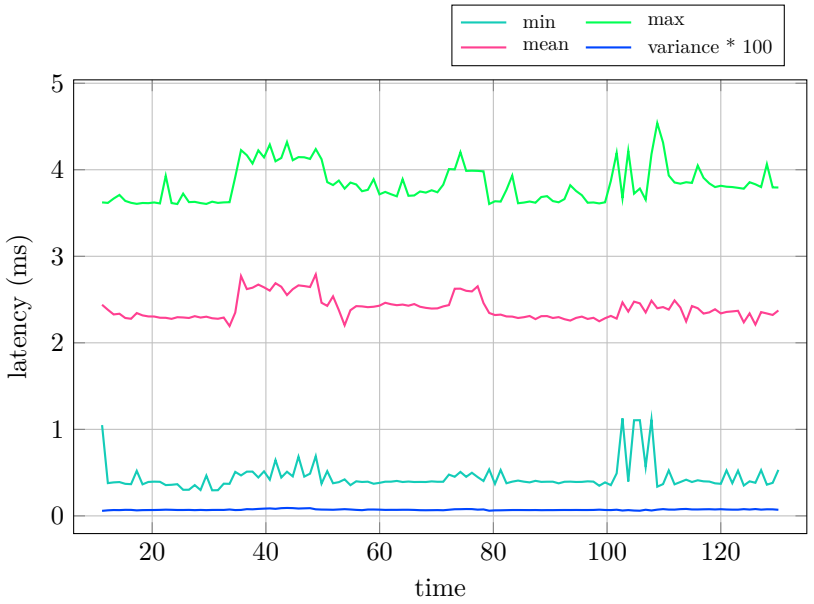
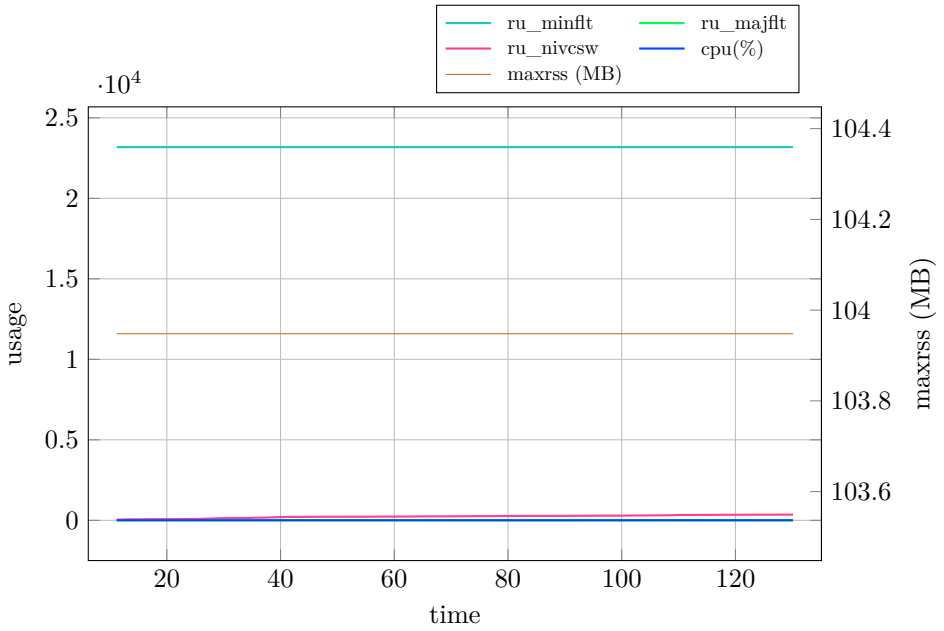
Performance

Logfile name	log_test_topic_29-11-2020_13-47-29
Experiment id	9f370621-7df4-4025-9a6c-d68f2d51cd32
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	1.0164
received	494.8983
sent	49.4576
lost	0.0
relative_loss	0.0
data_received	524285432.1695
latency_min (ms)	0.4466
latency_max (ms)	3.8319
latency_mean (ms)	2.3981
latency_variance (ms)	0.0007
pub_loop_res_min (ms)	19.1188
pub_loop_res_max (ms)	19.7582
pub_loop_res_mean (ms)	19.2702
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 (%)	3.7318

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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