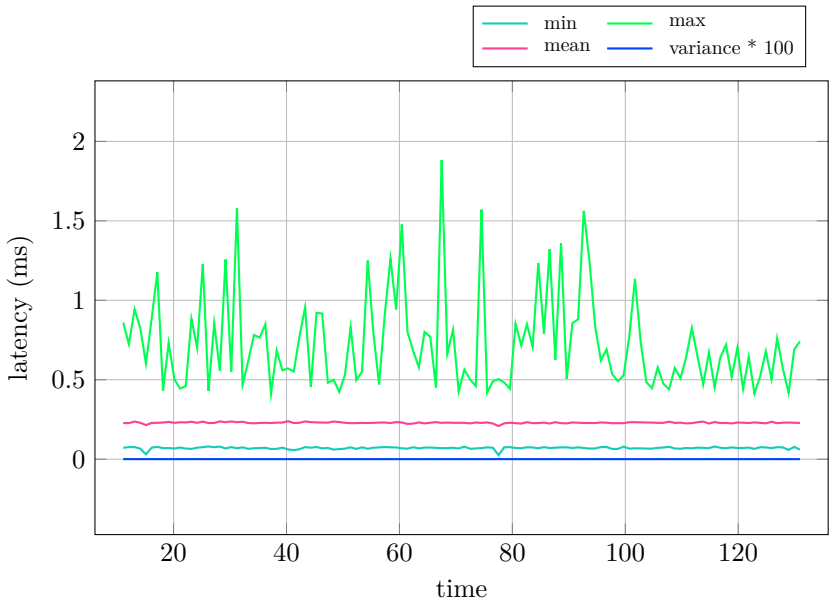
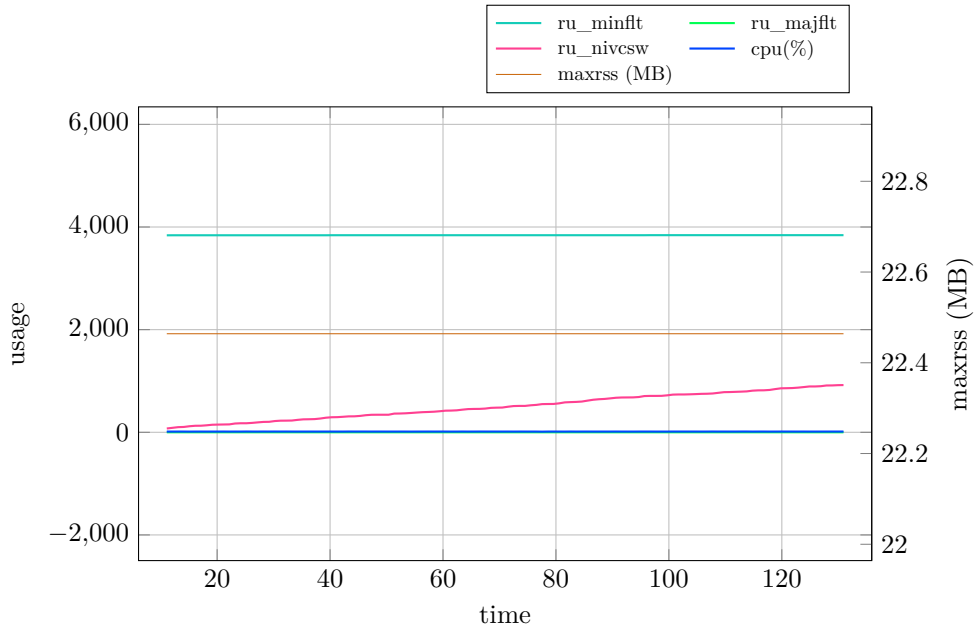
Performance

Logfile name	log__test__topic__01-12-2020__17-03-53
Experiment id	5ecb7f87-896c-425f-bc4d-60b3b5fe5ec6
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0067
received	4995.0583
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	163920291.8
latency_min (ms)	0.0701
latency_max (ms)	0.7264
latency_mean (ms)	0.2294
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5104
pub_loop_res_max (ms)	1.8445
pub_loop_res_mean (ms)	1.769
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 (%)	14.2559

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0