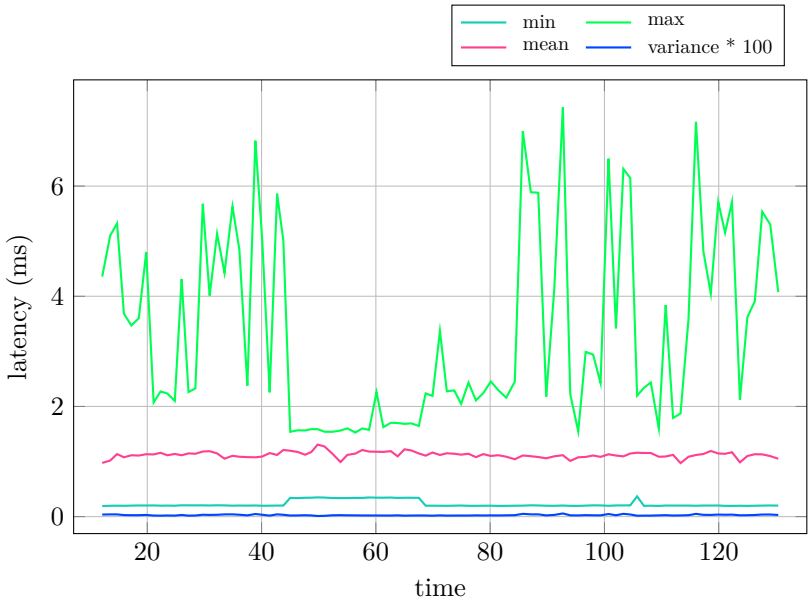
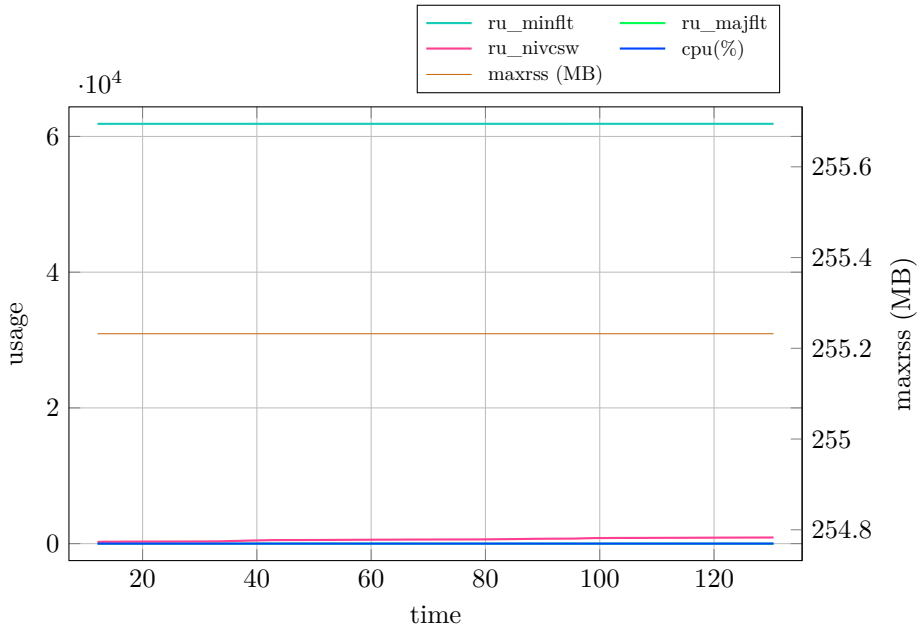
Performance

Logfile name	log__test__topic__12-12-2020__18-41-27
Experiment id	43909f94-687c-4b93-9022-c2c560a3a9f0
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	1.2859
received	94.914
sent	9.5161
lost	0.0
relative_loss	0.0
data_received	6777540.7742
latency_min (ms)	0.2307
latency_max (ms)	3.3389
latency_mean (ms)	1.1224
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	99.3426
pub_loop_res_max (ms)	99.883
pub_loop_res_mean (ms)	99.512
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 (%)	2.785

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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