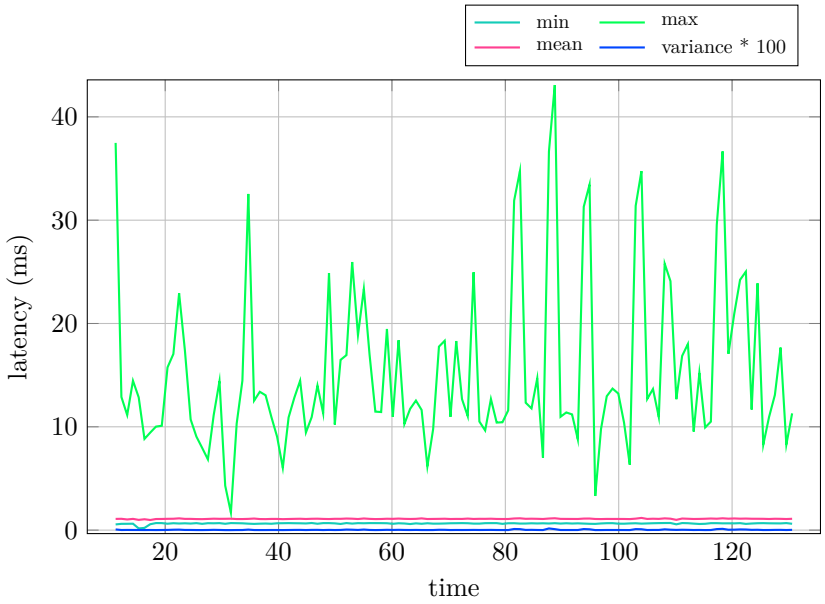
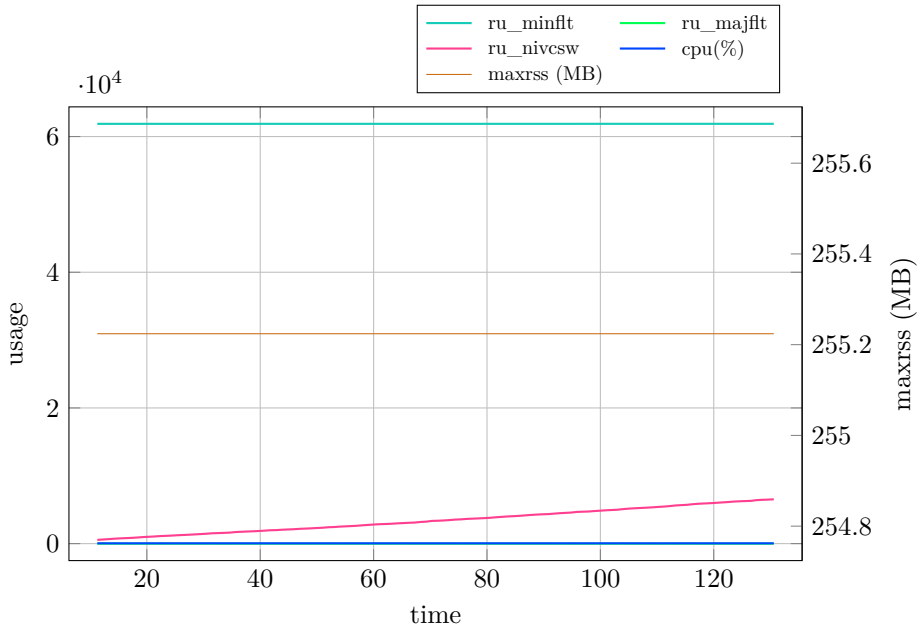
Performance

Logfile name	log_test_topic_01-12-2020_17-19-56
Experiment id	f5f334e8-9a81-48ae-b79e-efc884bb6c6c
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	1.0197
received	4989.4492
sent	499.5085
lost	1.9915
relative_loss	0.004
data_received	338258521.0847
latency_min (ms)	0.6402
latency_max (ms)	15.3653
latency_mean (ms)	1.091
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-10.6353
pub_loop_res_max (ms)	1.822
pub_loop_res_mean (ms)	1.4787
pub_loop_res_variance (ms)	0.0044
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 (%)	46.9117

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