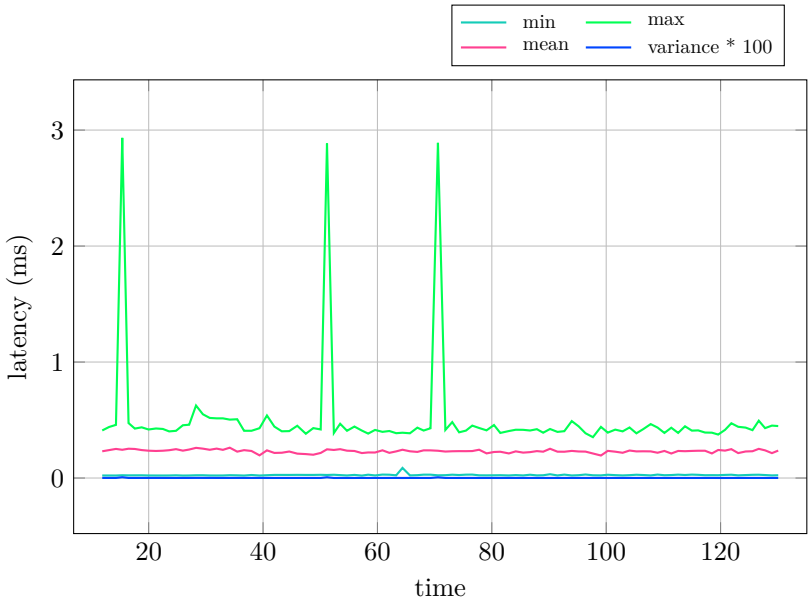
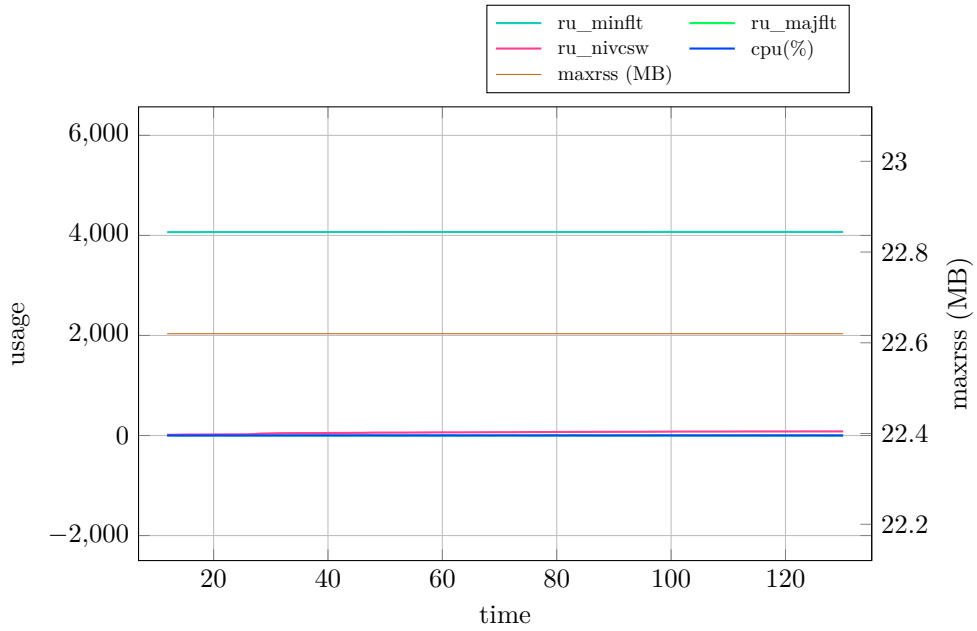
Performance

Logfile name	log_test_topic_28-11-2020_20-10-14
Experiment id	f9a6eb24-075e-481f-b897-e172306bc8e3
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	1.2182
received	95.1531
sent	9.5408
lost	0.0
relative_loss	0.0
data_received	52837.5408
latency_min (ms)	0.0257
latency_max (ms)	0.5059
latency_mean (ms)	0.2316
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3899
pub_loop_res_max (ms)	99.8771
pub_loop_res_mean (ms)	99.5415
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 (%)	1.7286

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0