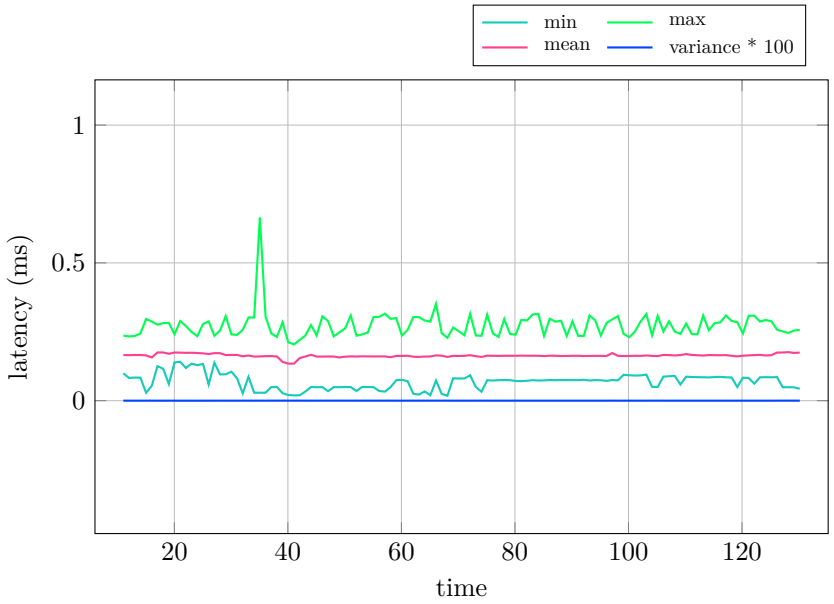
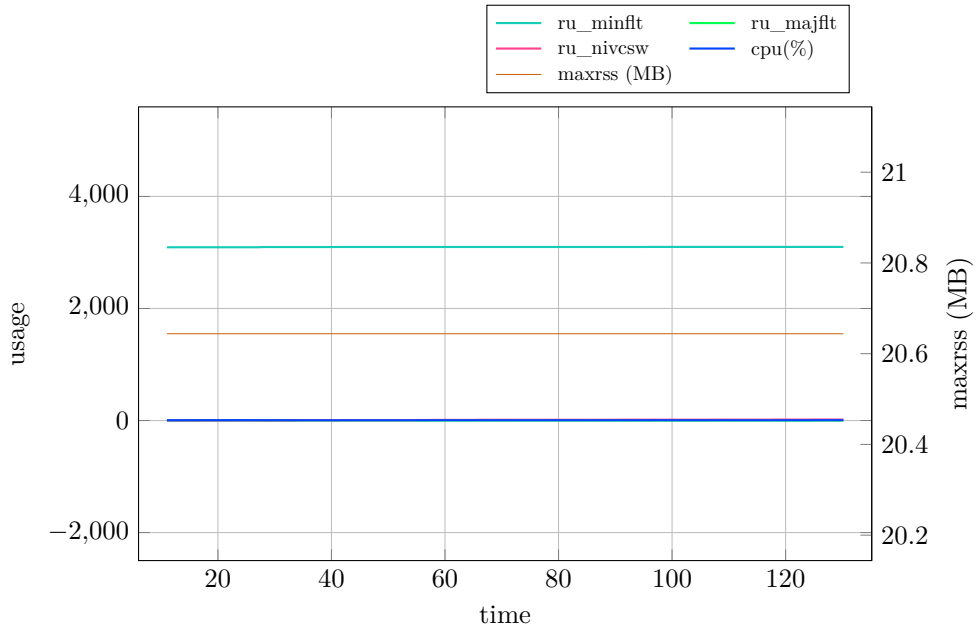
Performance

Logfile name	log_test_topic_27-11-2020_14-12-12
Experiment id	e64f07bc-5375-4b55-a572-589f6f0fa293
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0011
received	2998.4917
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	49199828.4167
latency_min (ms)	0.0691
latency_max (ms)	0.2724
latency_mean (ms)	0.1636
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7531
pub_loop_res_max (ms)	0.8933
pub_loop_res_mean (ms)	0.8246
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 (%)	5.3346

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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