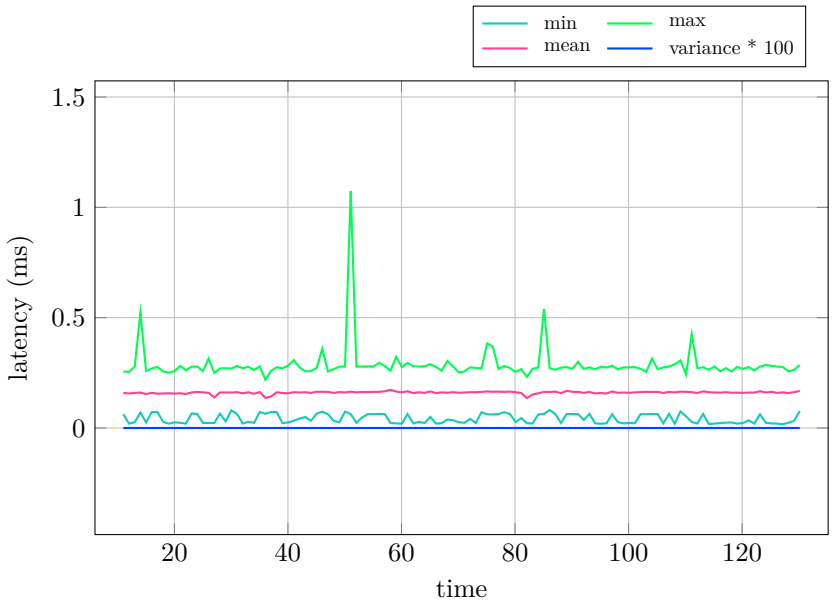
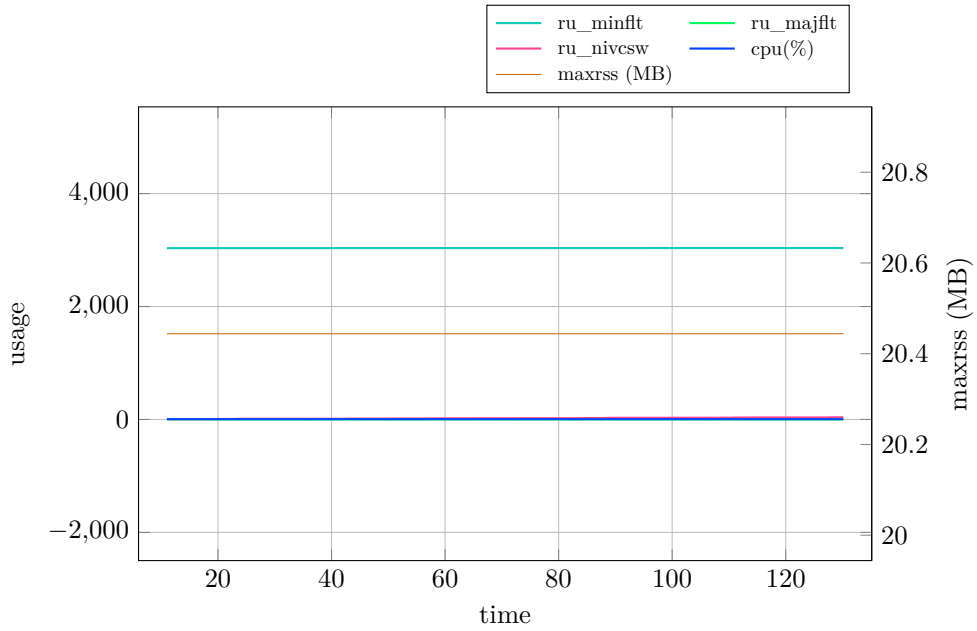
Performance

Logfile name	log_test_topic_27-11-2020_14-41-49
Experiment id	4e913524-11f1-4d12-9faa-9f42015a8893
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	1.0009
received	2998.5417
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	239998.4083
latency_min (ms)	0.0421
latency_max (ms)	0.2871
latency_mean (ms)	0.1606
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6483
pub_loop_res_max (ms)	0.9087
pub_loop_res_mean (ms)	0.8097
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 (%)	5.0165

environment

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