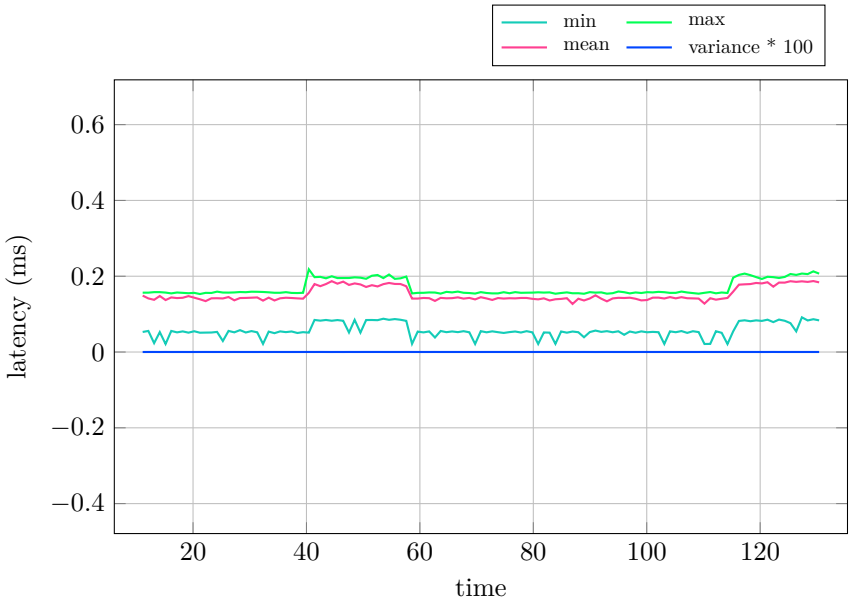
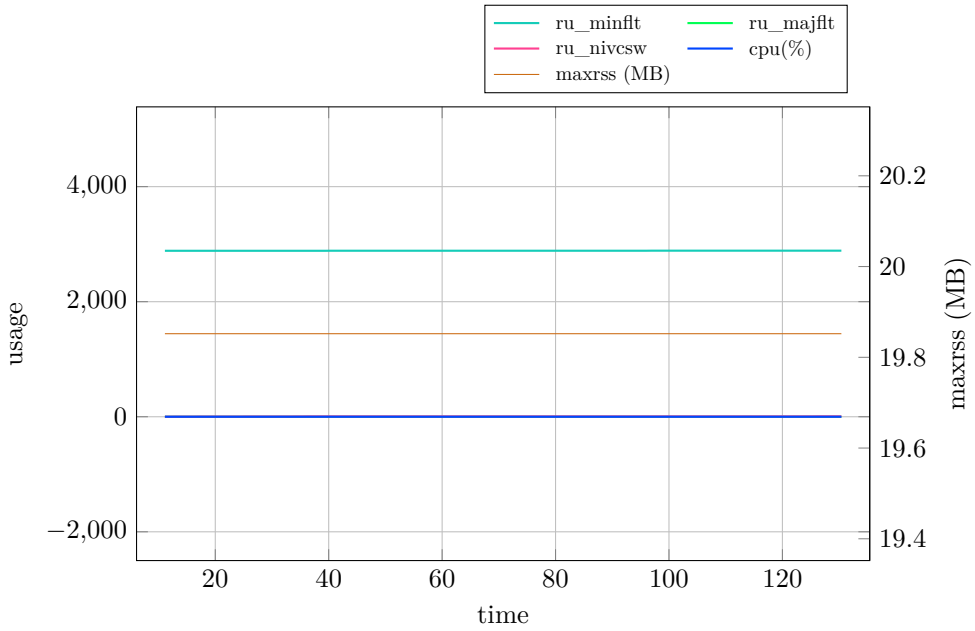
Performance

Logfile name	log_test_topic_28-11-2020_22-49-20
Experiment id	f6462c7f-ddad-4dca-828d-d07c927381e2
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0107
received	49.5462
sent	49.5462
lost	0.0
relative_loss	0.0
data_received	4000.7143
latency_min (ms)	0.0571
latency_max (ms)	0.169
latency_mean (ms)	0.1519
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4196
pub_loop_res_max (ms)	19.8531
pub_loop_res_mean (ms)	19.5249
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 (%)	0.1939

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