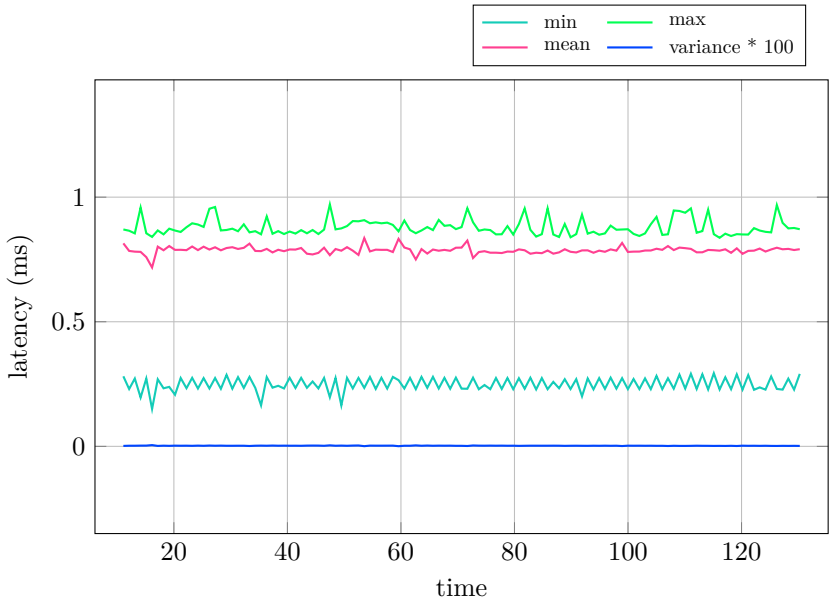
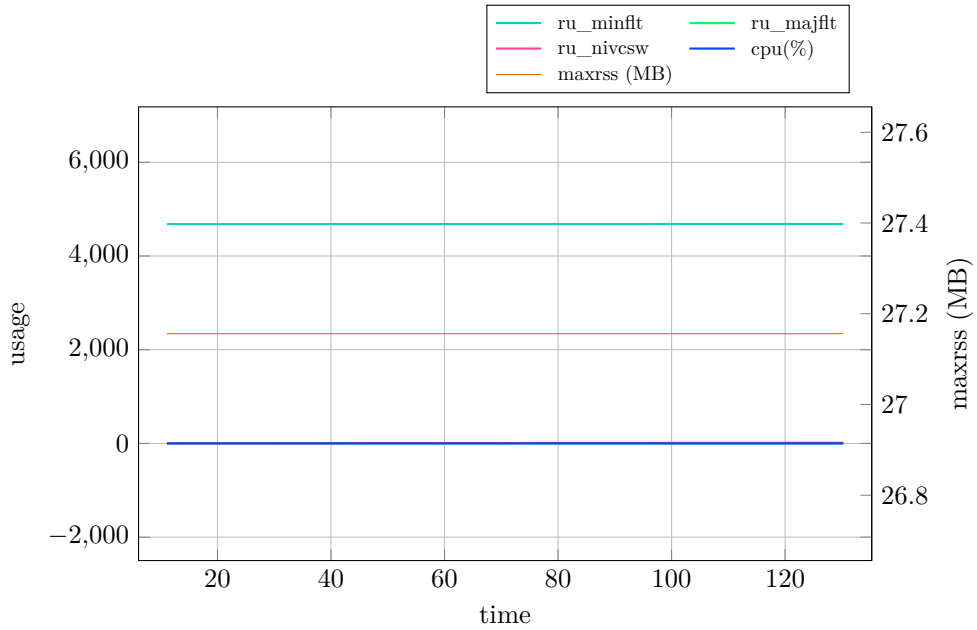
Performance

Logfile name	log_test_topic_01-12-2020_07-16-18
Experiment id	2b14a530-8561-498c-aefb-622f33305def
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	1.0095
received	49.4874
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	52429372.5882
latency_min (ms)	0.2494
latency_max (ms)	0.8788
latency_mean (ms)	0.787
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.1424
pub_loop_res_max (ms)	19.7818
pub_loop_res_mean (ms)	19.2545
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 (%)	0.4535

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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