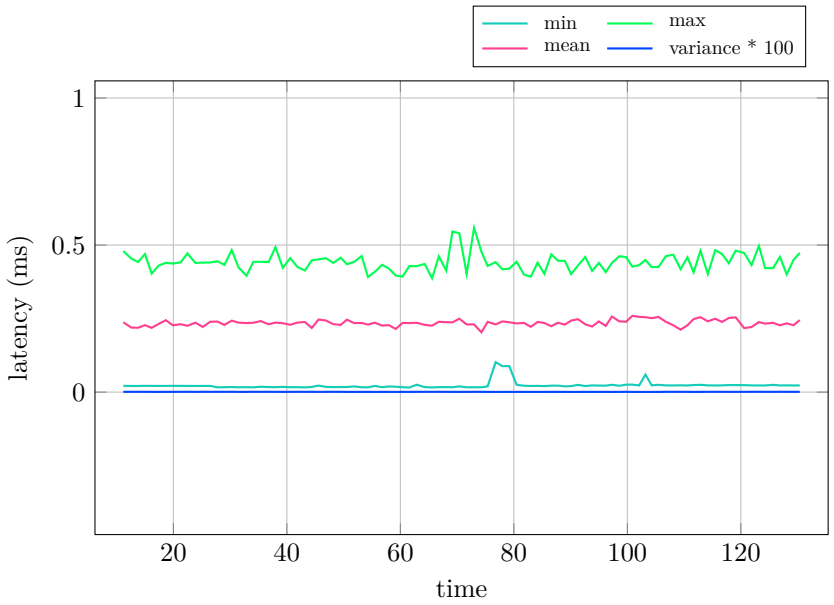
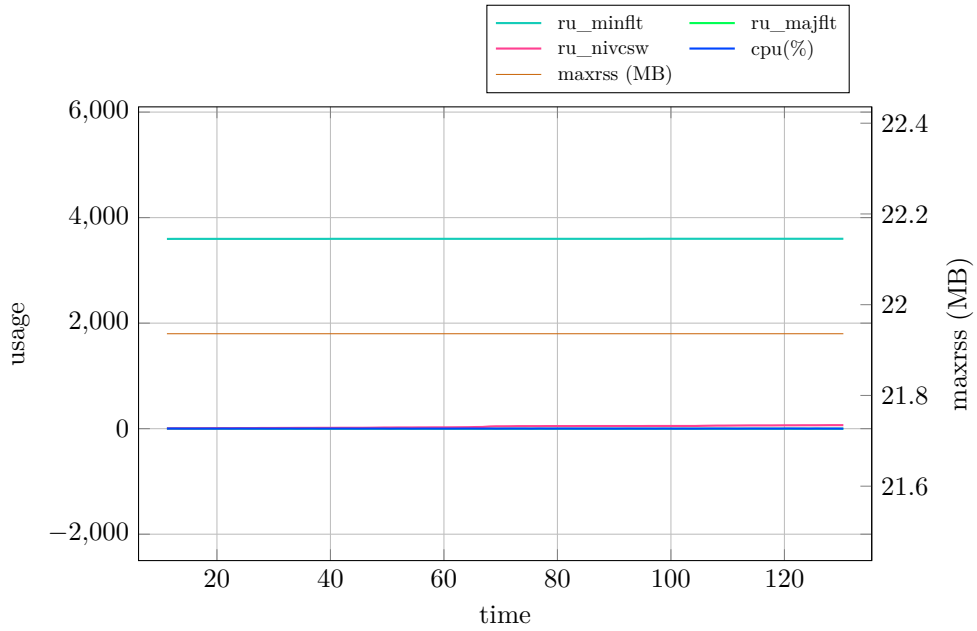
Performance

Logfile name	log_test_topic_30-11-2020_21-45-03
Experiment id	54db8c13-3918-44d2-992d-1f81ed1718e1
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	1.2421
received	94.8866
sent	9.4639
lost	0.0
relative_loss	0.0
data_received	411469.8454
latency_min (ms)	0.023
latency_max (ms)	0.4415
latency_mean (ms)	0.235
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.397
pub_loop_res_max (ms)	99.8824
pub_loop_res_mean (ms)	99.5512
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 (%)	1.8598

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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