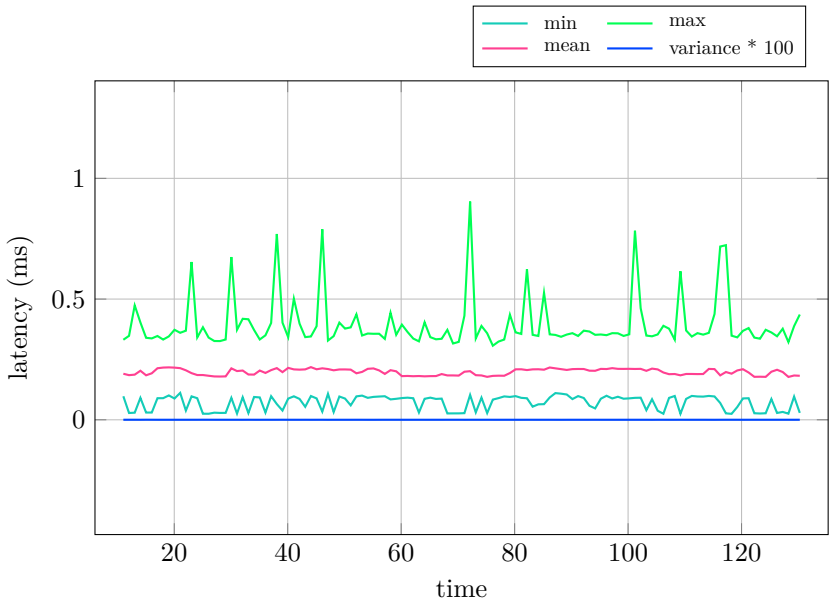
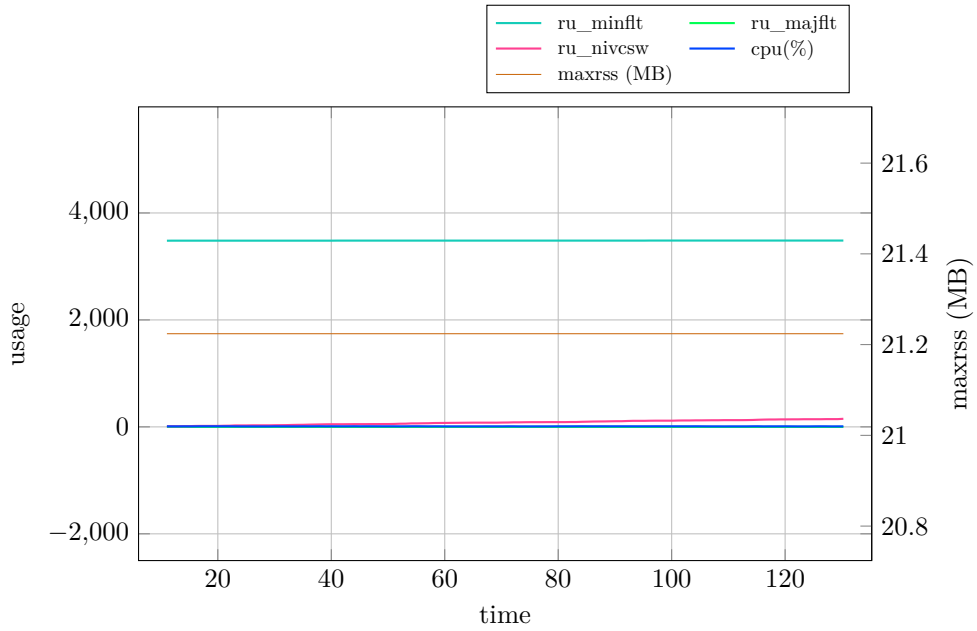
Performance

Logfile name	log_test_topic_01-12-2020_20-26-15
Experiment id	f4609a50-f95b-41c2-bcc8-ad9987ff2417
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0018
received	4997.575
sent	999.5333
lost	0.0
relative_loss	0.0
data_received	307279837.5083
latency_min (ms)	0.0713
latency_max (ms)	0.3953
latency_mean (ms)	0.1983
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7483
pub_loop_res_max (ms)	0.8775
pub_loop_res_mean (ms)	0.8017
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 (%)	10.2704

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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