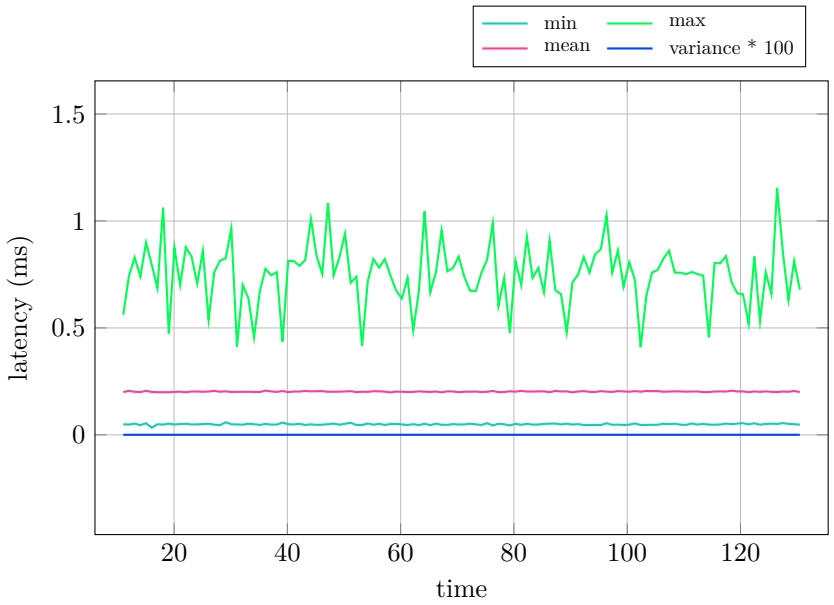
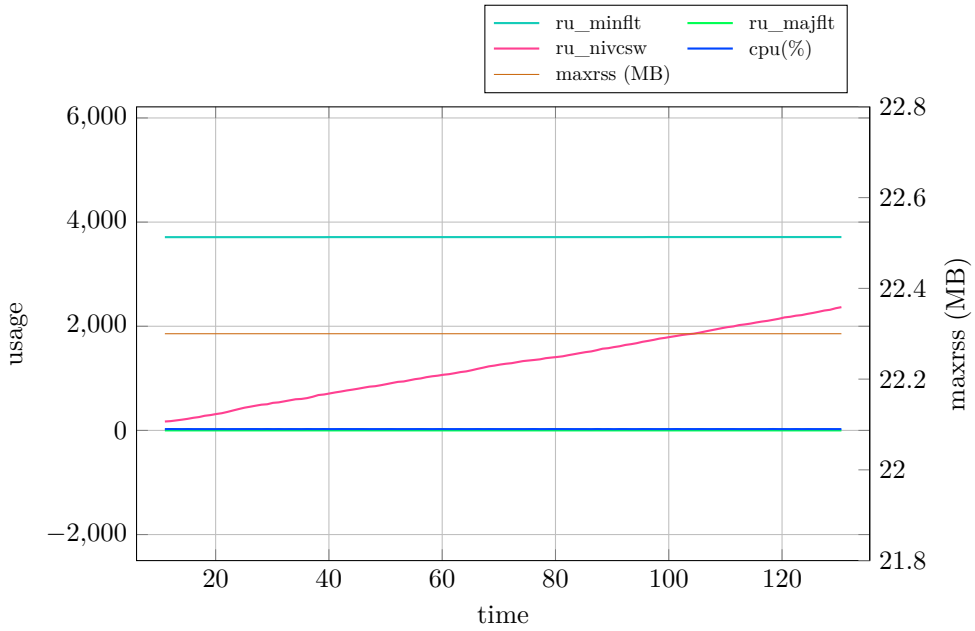
Performance

Logfile name	log_test_topic_02-12-2020_05-32-48
Experiment id	e01a6338-6fda-4f12-8d29-52eecc89cf30
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0034
received	9994.025
sent	999.5417
lost	0.6667
relative_loss	0.0005
data_received	163980368.8167
latency_min (ms)	0.0494
latency_max (ms)	0.7495
latency_mean (ms)	0.2022
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5079
pub_loop_res_max (ms)	0.8487
pub_loop_res_mean (ms)	0.7732
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 (%)	25.1572

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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