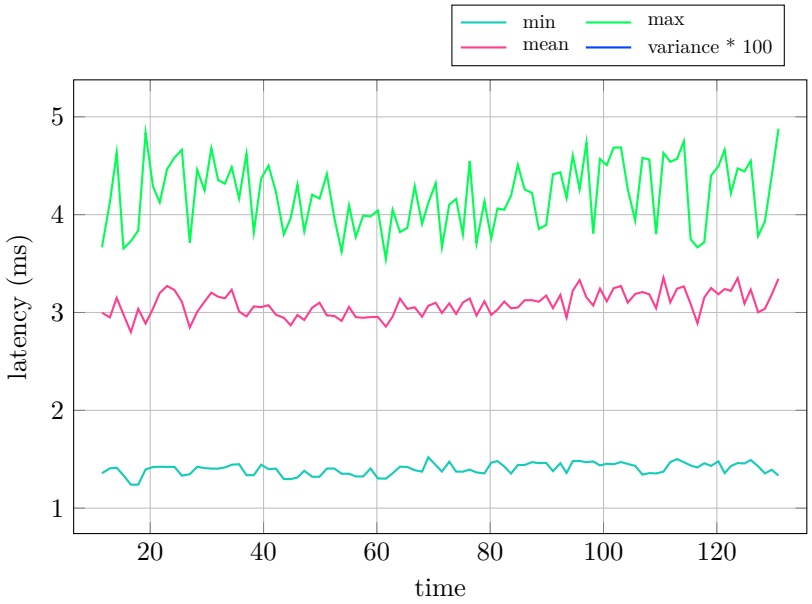
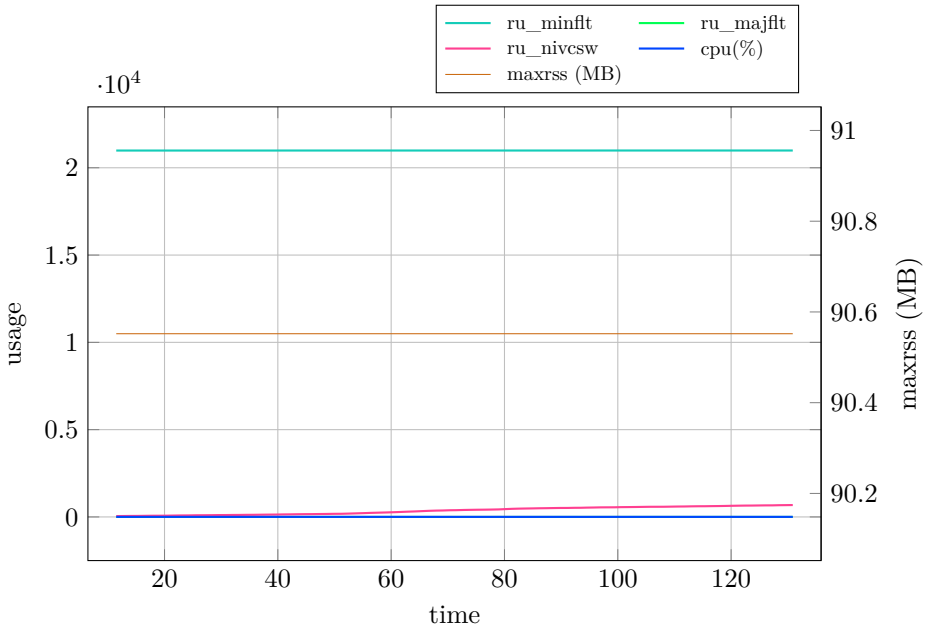
Performance

Logfile name	log_test_topic_12-12-2020_18-32-14
Experiment id	e57f2462-dab0-4b65-8e9b-70e63f2a232a
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	1.2431
received	94.9485
sent	9.5052
lost	0.0
relative_loss	0.0
data_received	209818945.866
latency_min (ms)	1.4016
latency_max (ms)	4.2004
latency_mean (ms)	3.0843
latency_variance (ms)	0.0005
pub_loop_res_min (ms)	98.7852
pub_loop_res_max (ms)	99.6797
pub_loop_res_mean (ms)	99.0681
pub_loop_res_variance (ms)	0.0001
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 (%)	3.8747

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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