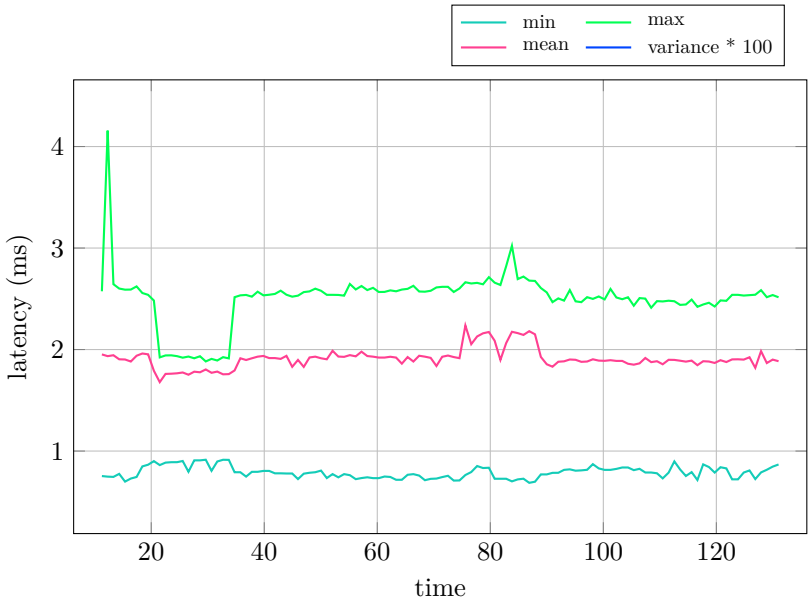
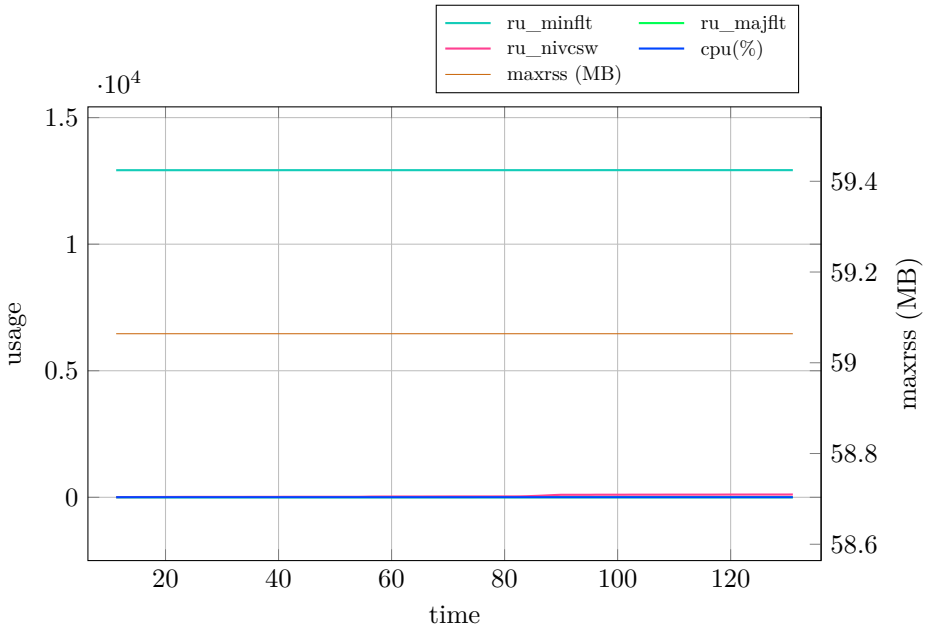
Performance

Logfile name	log_test_topic_01-12-2020_09-31-44
Experiment id	6a496fe1-0da1-4549-acb2-aec290f4efff
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0232
received	247.4407
sent	49.5
lost	0.0
relative_loss	0.0
data_received	524318271.4746
latency_min (ms)	0.7893
latency_max (ms)	2.5033
latency_mean (ms)	1.9107
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	18.7714
pub_loop_res_max (ms)	19.6942
pub_loop_res_mean (ms)	18.9216
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 (%)	3.3586

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