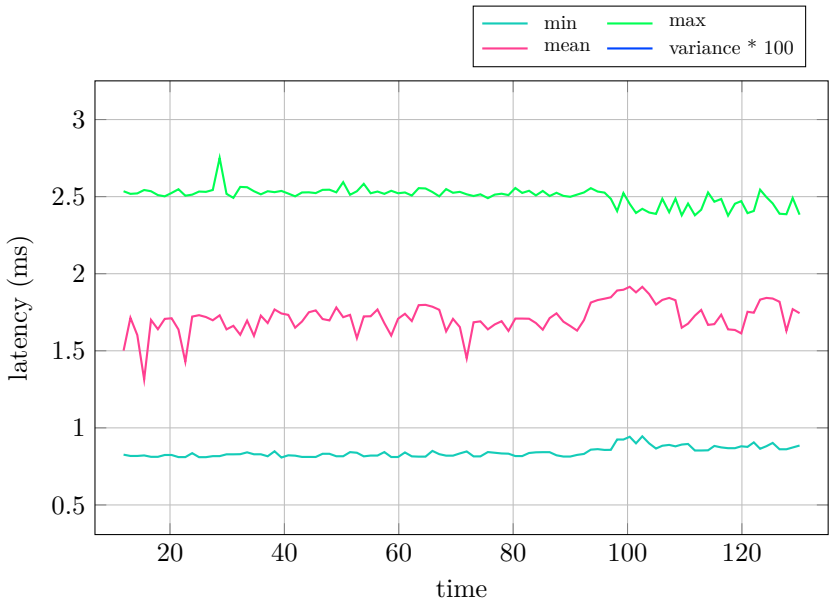
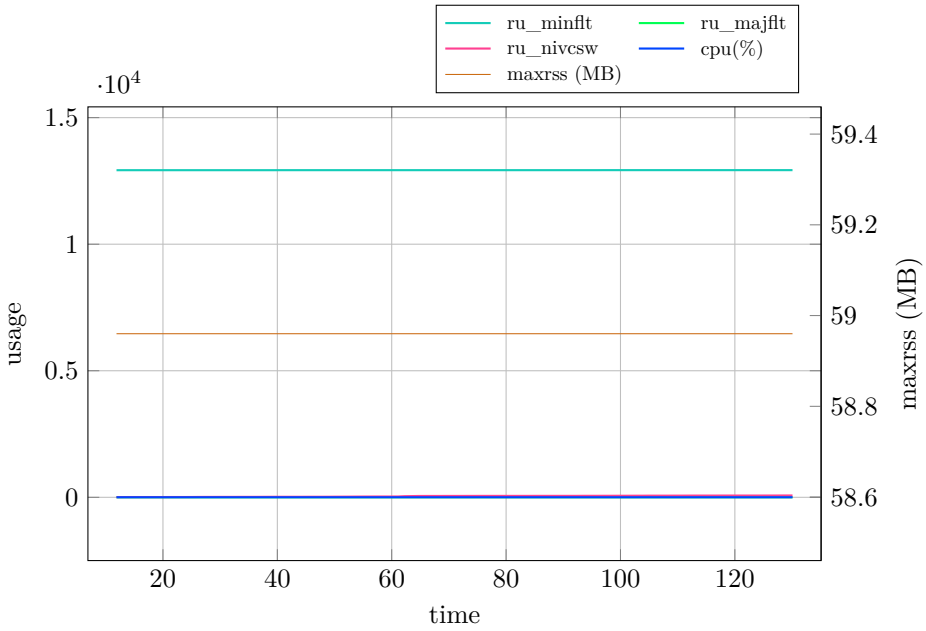
Performance

Logfile name	log_test_topic_12-12-2020_13-34-58
Experiment id	e6d7d61e-1ef2-4e82-9c78-f5cb5e7962a5
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.182
received	47.4455
sent	9.4455
lost	0.0
relative_loss	0.0
data_received	104871841.7129
latency_min (ms)	0.8434
latency_max (ms)	2.5036
latency_mean (ms)	1.7131
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	98.8324
pub_loop_res_max (ms)	99.7493
pub_loop_res_mean (ms)	99.1001
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 (%)	1.8503

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