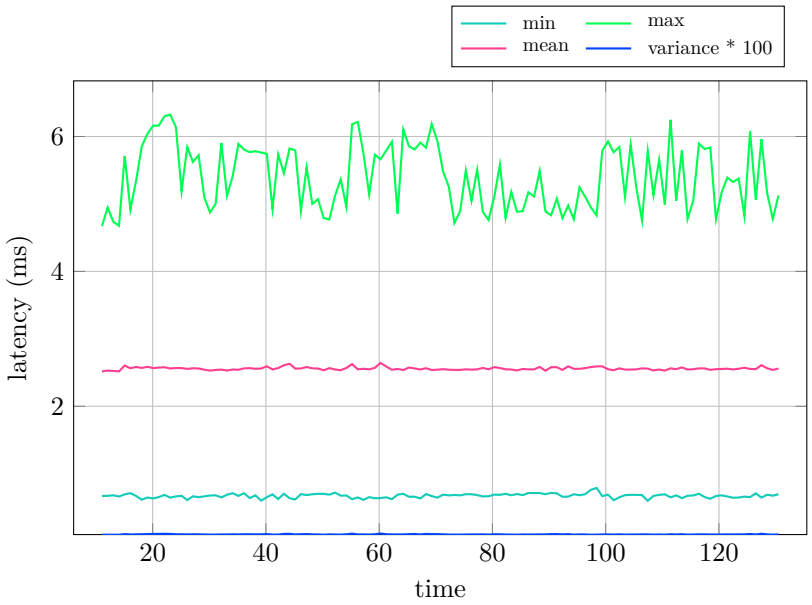
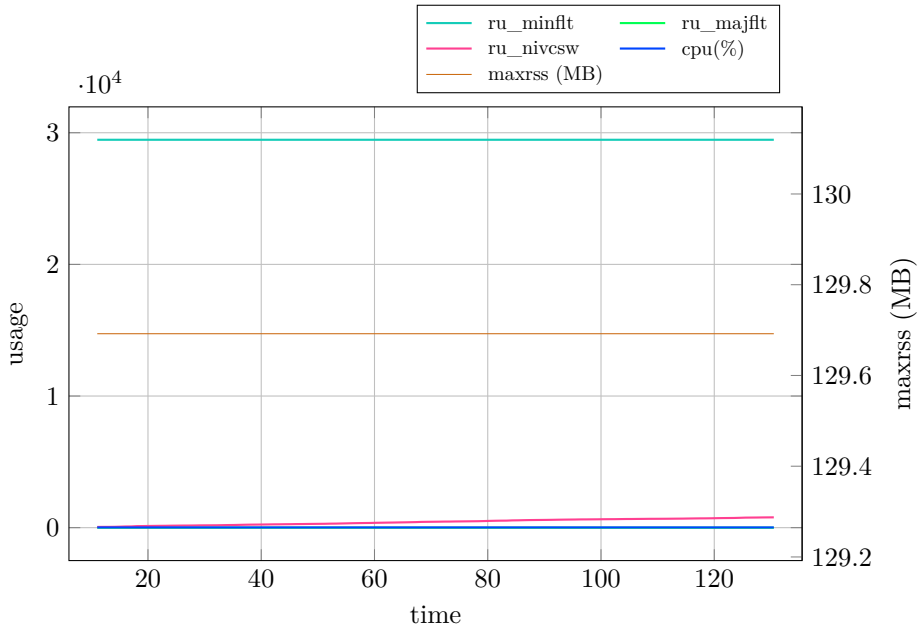
Performance

Logfile name	log_test_topic_01-12-2020_17-54-16
Experiment id	6466651e-6d9c-4ac4-b1d6-52e6affa114a
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0038
received	3325.3417
sent	499.5333
lost	1665.9167
relative_loss	3.3365
data_received	6984765675.1583
latency_min (ms)	0.6721
latency_max (ms)	5.3975
latency_mean (ms)	2.5581
latency_variance (ms)	0.001
pub_loop_res_min (ms)	-1.7372
pub_loop_res_max (ms)	1.7666
pub_loop_res_mean (ms)	0.424
pub_loop_res_variance (ms)	0.0006
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 (%)	18.6886

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0