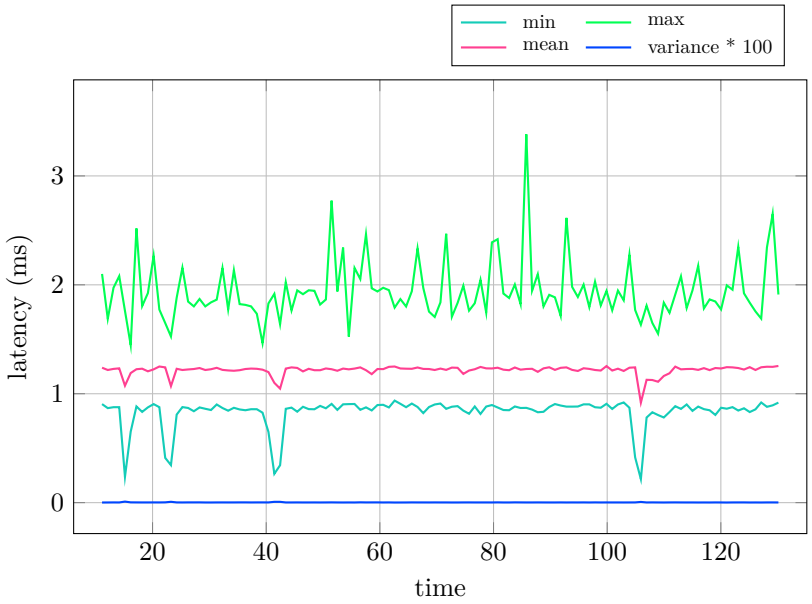
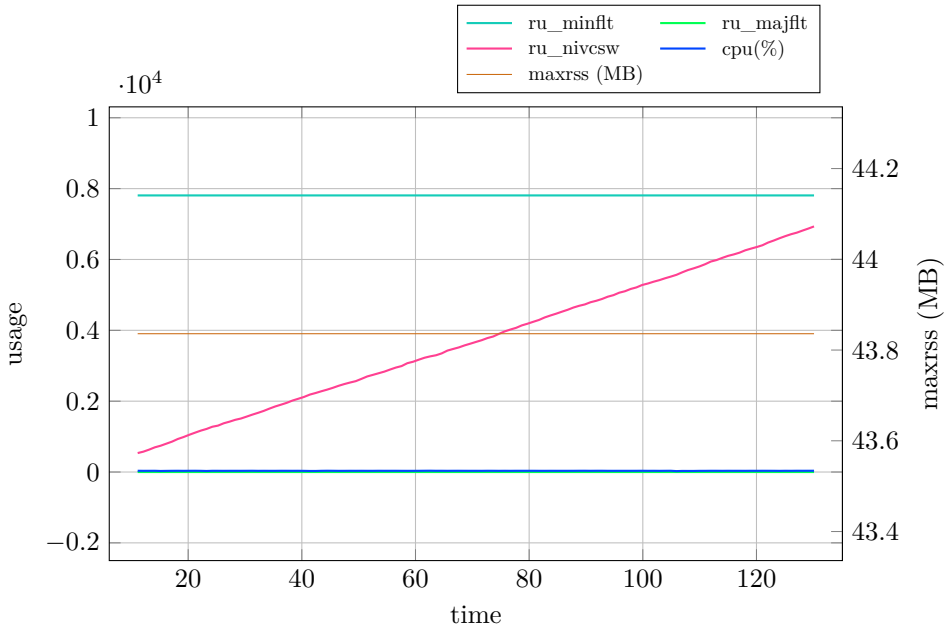
Performance

Logfile name	log_test_topic_01-12-2020_18-03-26
Experiment id	28ce9259-07c4-4300-9105-281cf77f7a7c
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	1.0083
received	4990.8487
sent	499.5126
lost	3.7815
relative_loss	0.0076
data_received	338365108.6555
latency_min (ms)	0.8332
latency_max (ms)	1.9413
latency_mean (ms)	1.2161
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.0118
pub_loop_res_max (ms)	1.5783
pub_loop_res_mean (ms)	1.5045
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 (%)	33.9437

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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