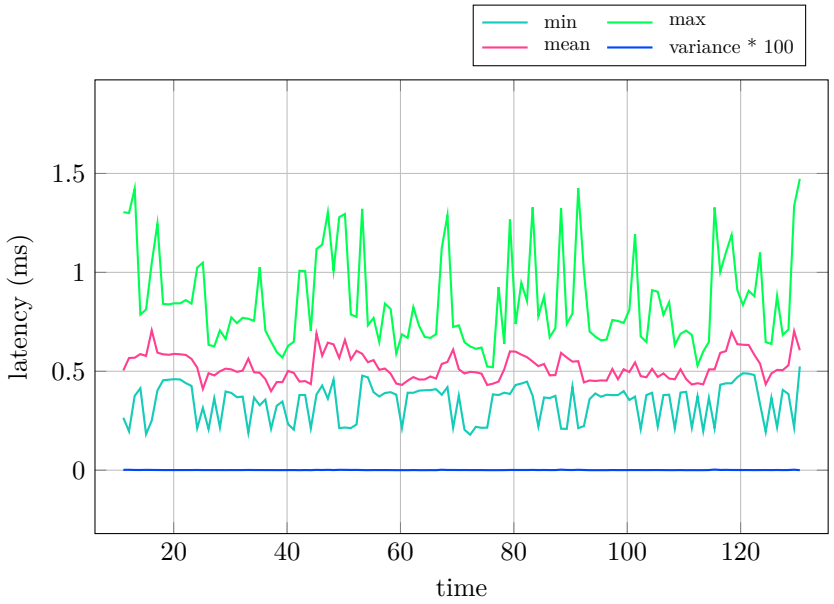
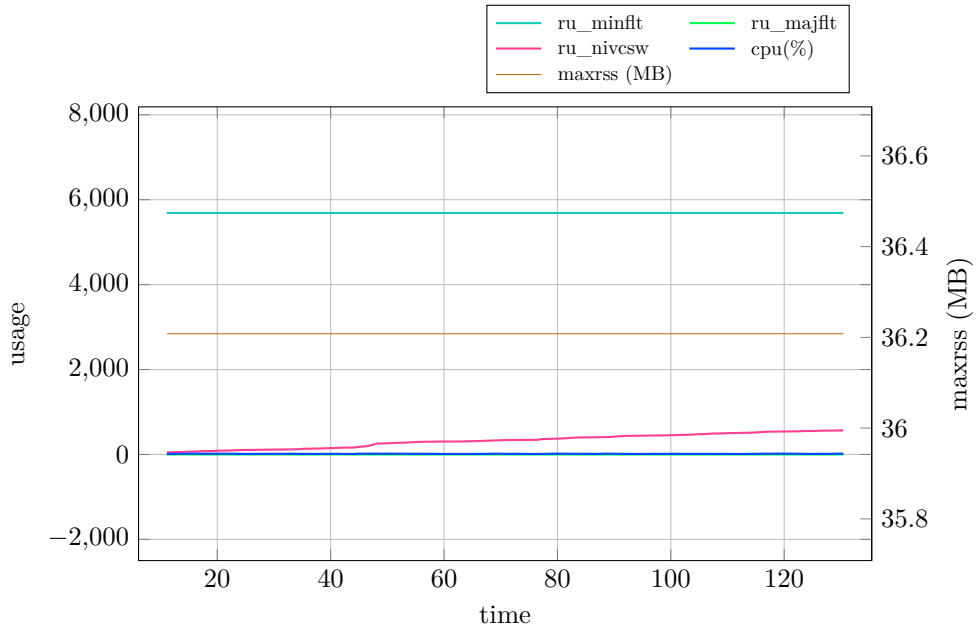
Performance

Logfile name	log_test_topic_01-12-2020_21-23-14
Experiment id	744aceed-77f8-498a-bf7d-11c2f252b565
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
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	1.0029
received	4993.4417
sent	999.55
lost	4.0
relative_loss	0.0041
data_received	338364877.5833
latency_min (ms)	0.3417
latency_max (ms)	0.8557
latency_mean (ms)	0.5227
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.472
pub_loop_res_max (ms)	0.7916
pub_loop_res_mean (ms)	0.6946
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 (%)	14.7847

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