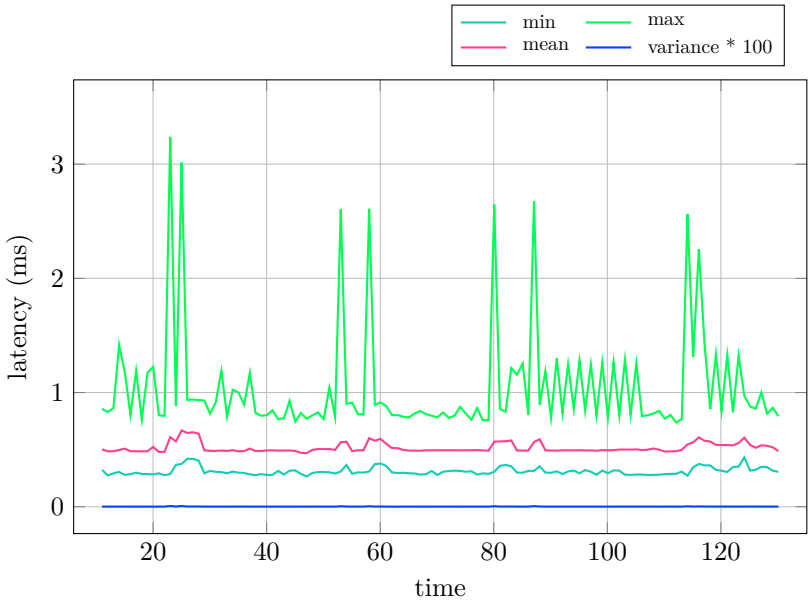
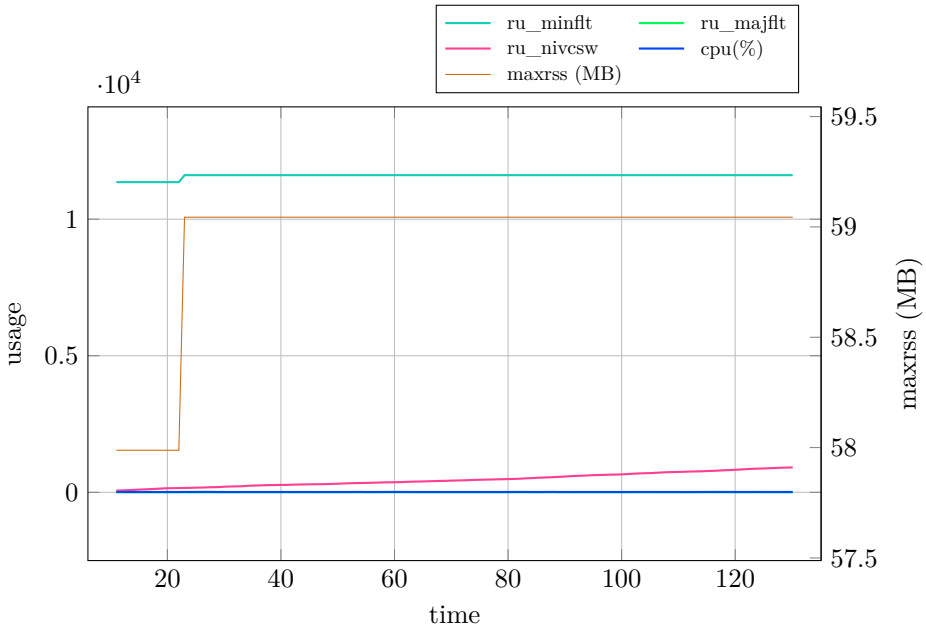
Performance

Logfile name	log_test_topic_01-12-2020_21-11-51
Experiment id	95a54ba8-9213-432f-97e3-ad12cc6b2cfd
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	1.0009
received	4989.7333
sent	999.45
lost	7.3333
relative_loss	0.0074
data_received	5234929328.35
latency_min (ms)	0.3108
latency_max (ms)	1.0447
latency_mean (ms)	0.5167
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5461
pub_loop_res_max (ms)	0.8498
pub_loop_res_mean (ms)	0.7194
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 (%)	11.7395

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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