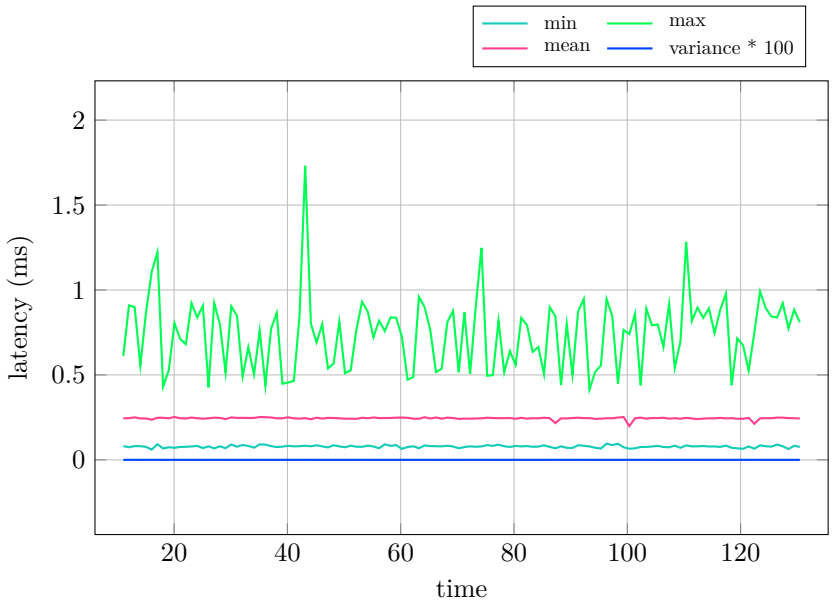
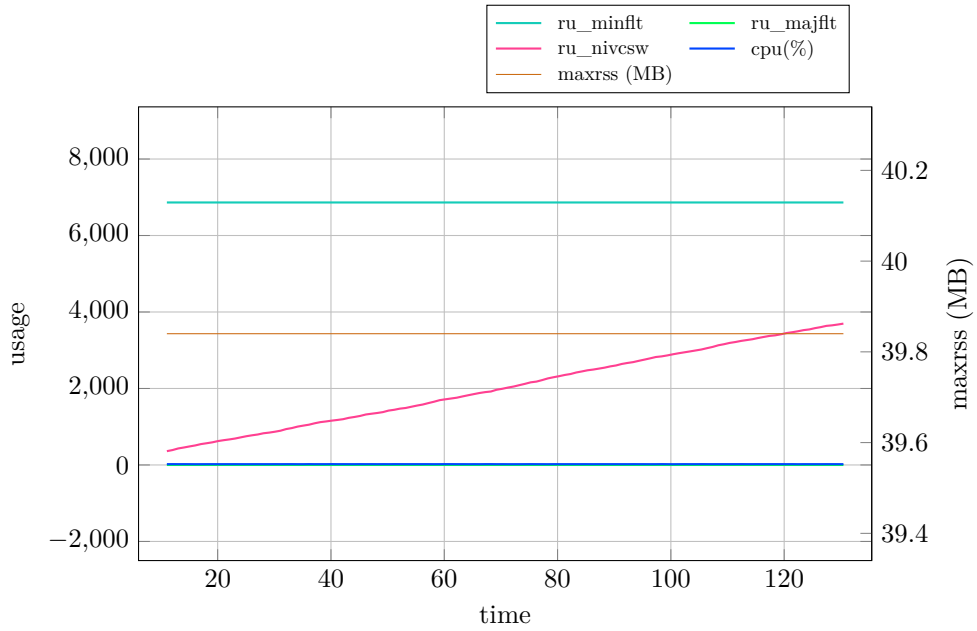
Performance

Logfile name	log_test_topic_02-12-2020_06-45-55
Experiment id	c7afb02f-63b8-43fa-aea8-a721a0bbaeb8
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0032
received	9993.8833
sent	999.4583
lost	0.575
relative_loss	0.0006
data_received	799913.1
latency_min (ms)	0.0785
latency_max (ms)	0.7435
latency_mean (ms)	0.2446
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7467
pub_loop_res_max (ms)	0.9162
pub_loop_res_mean (ms)	0.865
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 (%)	21.3388

environment

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