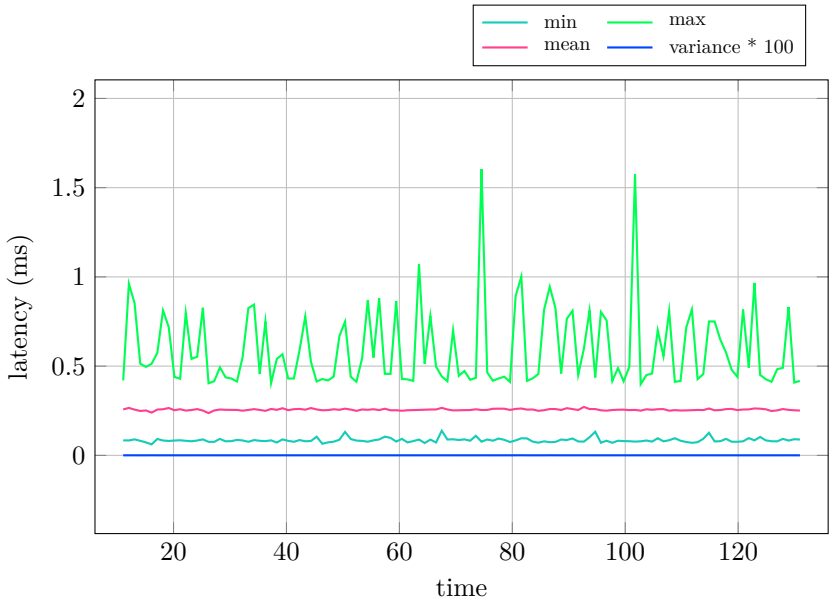
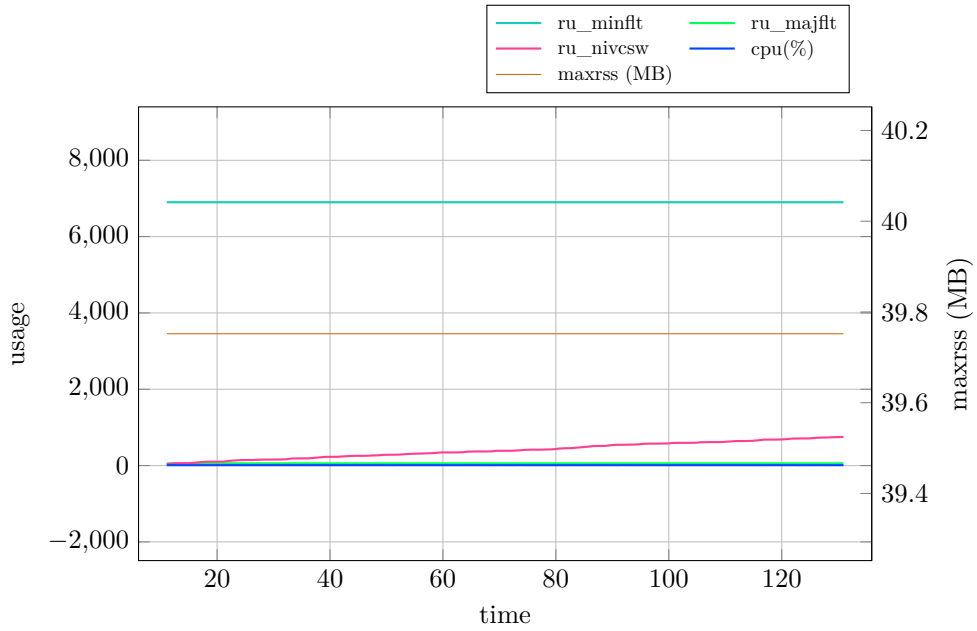
Performance

Logfile name	log_test_topic_01-12-2020_17-40-32
Experiment id	10e5b73c-3d9b-478e-b437-0e830e720079
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	1.0069
received	4994.625
sent	499.4667
lost	0.1667
relative_loss	0.0003
data_received	5199644.4917
latency_min (ms)	0.0847
latency_max (ms)	0.5923
latency_mean (ms)	0.2558
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7375
pub_loop_res_max (ms)	1.9213
pub_loop_res_mean (ms)	1.8565
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 (%)	10.8876

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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