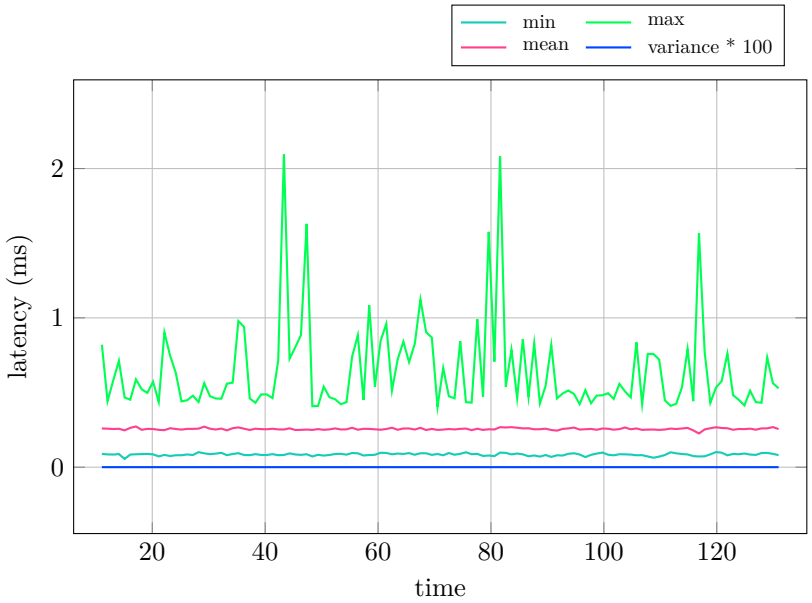
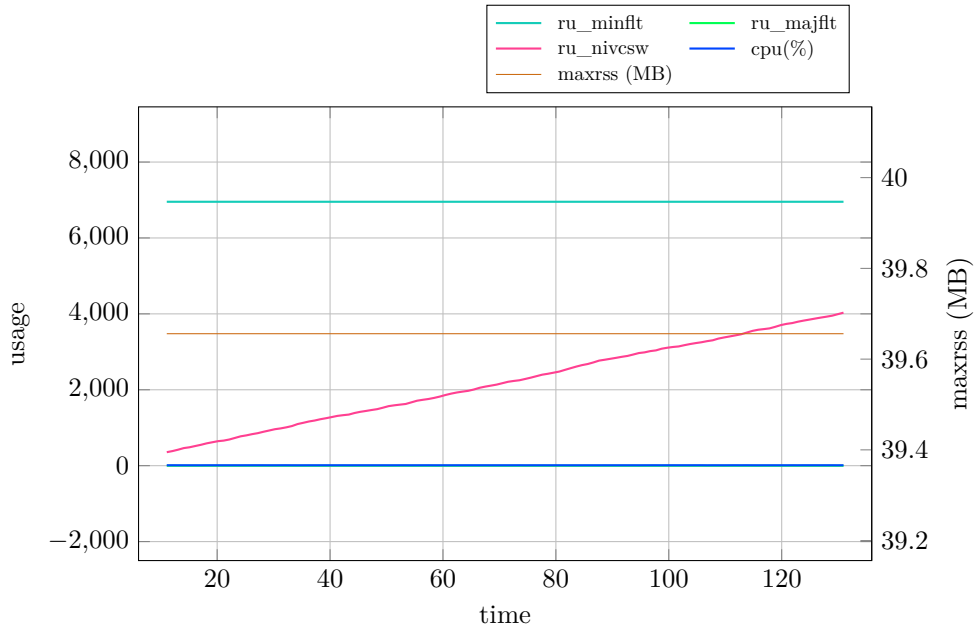
Performance

Logfile name	log_test_topic_01-12-2020_17-42-49
Experiment id	5faec738-1e50-401b-9b74-8f852806a098
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	1.007
received	4995.025
sent	499.5417
lost	0.0
relative_loss	0.0
data_received	20560133.9
latency_min (ms)	0.085
latency_max (ms)	0.6441
latency_mean (ms)	0.2559
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8023
pub_loop_res_max (ms)	1.92
pub_loop_res_mean (ms)	1.8516
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 (%)	11.009

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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