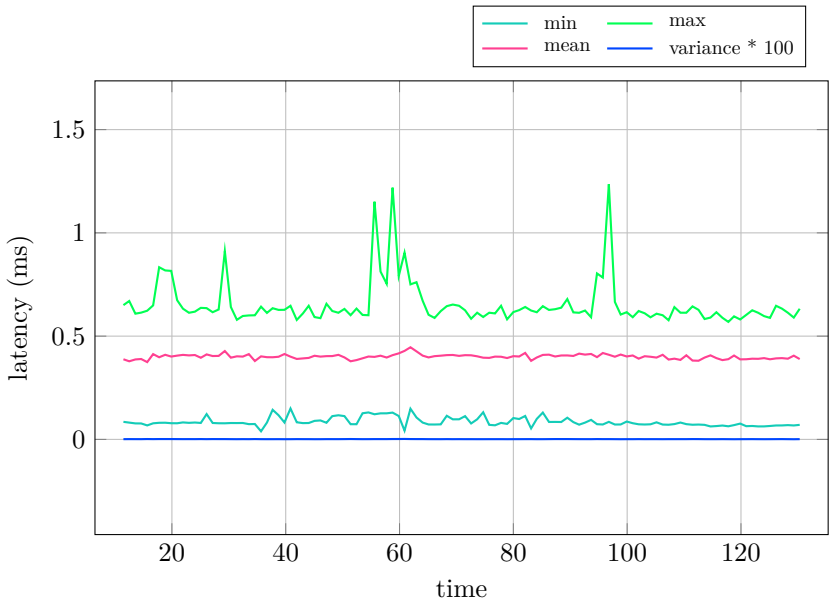
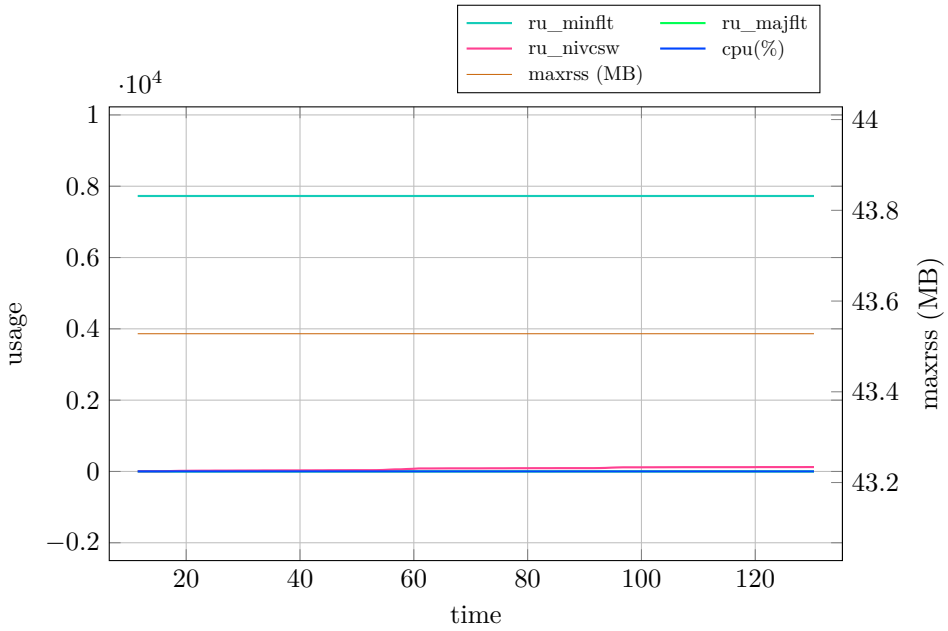
Performance

Logfile name	log_test_topic_01-12-2020_12-08-19
Experiment id	584aaa87-8a6f-4a97-b294-fb6607d7db9a
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0516
received	494.9737
sent	49.5088
lost	0.0
relative_loss	0.0
data_received	30729721.7368
latency_min (ms)	0.0853
latency_max (ms)	0.6542
latency_mean (ms)	0.4005
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4559
pub_loop_res_max (ms)	19.8891
pub_loop_res_mean (ms)	19.5704
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 (%)	1.5925

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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