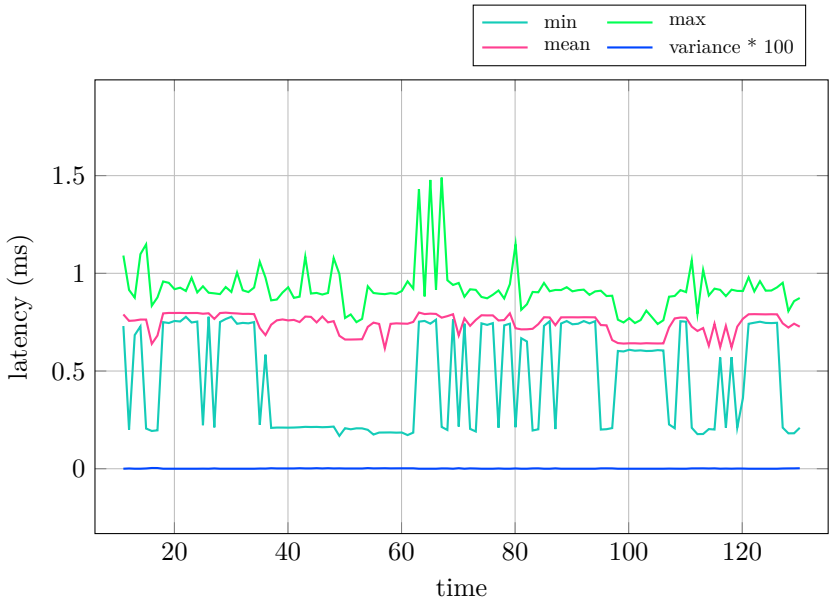
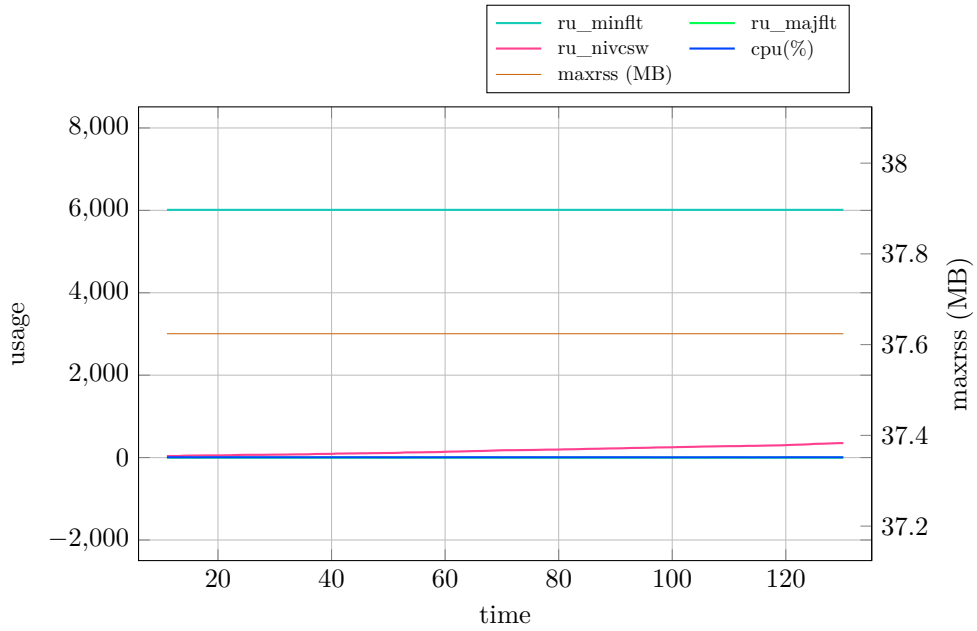
Performance

Logfile name	log_test_topic_01-12-2020_19-30-01
Experiment id	9f61d35e-587d-4e46-a1c9-7bd0f2137fdd
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0007
received	999.475
sent	999.4917
lost	0.0
relative_loss	0.0
data_received	1048581661.3583
latency_min (ms)	0.4597
latency_max (ms)	0.9193
latency_mean (ms)	0.7426
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6143
pub_loop_res_max (ms)	0.811
pub_loop_res_mean (ms)	0.6955
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 (%)	6.8562

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