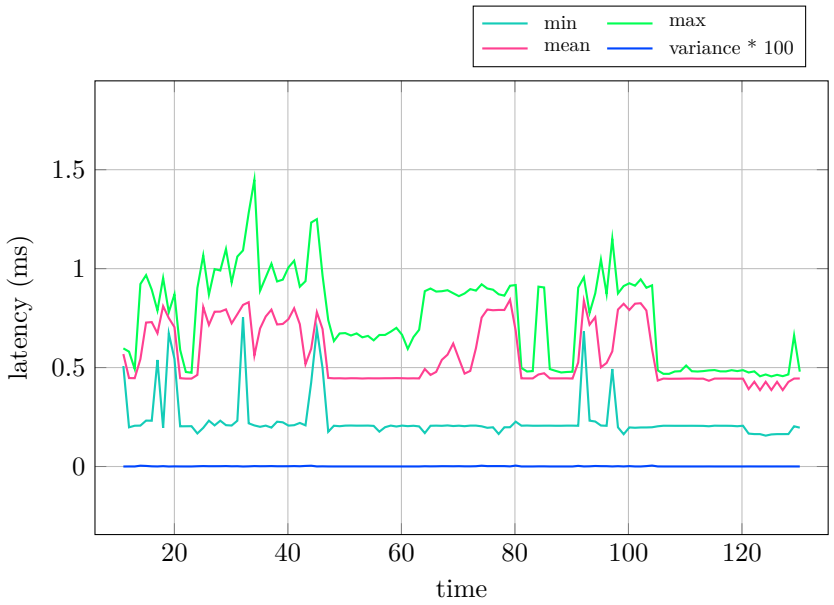
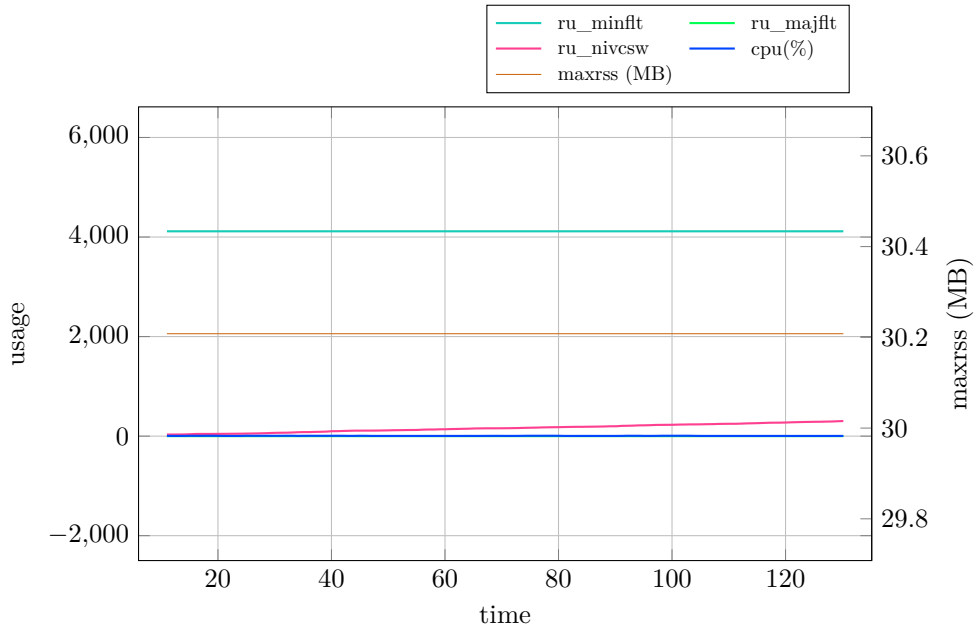
Performance

Logfile name	log_test_topic_01-12-2020_19-41-24
Experiment id	35f5183c-7f65-4a33-a33d-a1591f64a24e
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	1.0013
received	999.05
sent	999.5583
lost	0.5
relative_loss	0.0005
data_received	67693529.65
latency_min (ms)	0.2333
latency_max (ms)	0.7575
latency_mean (ms)	0.5684
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.4316
pub_loop_res_max (ms)	0.8282
pub_loop_res_mean (ms)	0.6341
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 (%)	5.225

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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