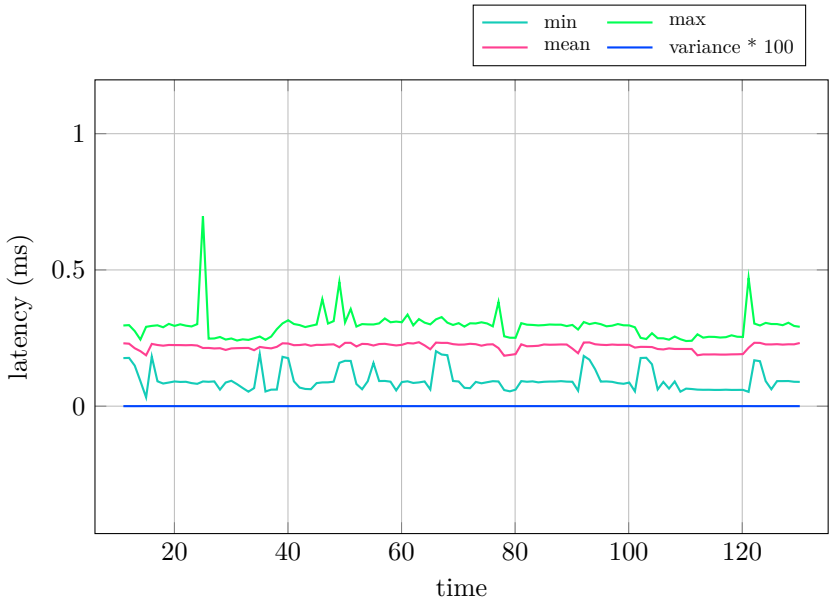
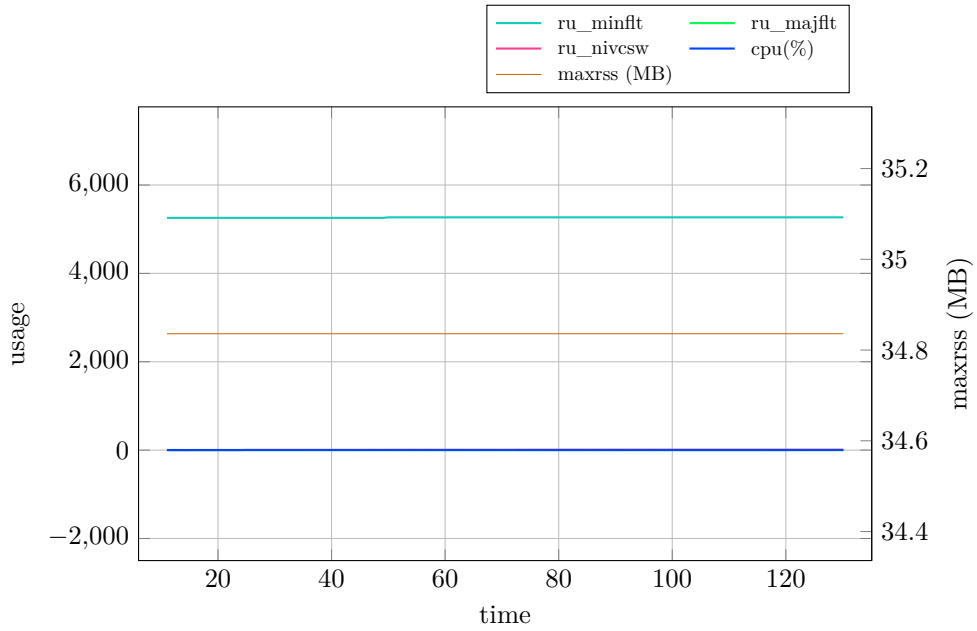
Performance

Logfile name	log_test_topic_30-11-2020_04-51-19
Experiment id	a87fec47-9dc1-4c91-ab4f-a594c090275f
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	999.4833
sent	999.4833
lost	0.0
relative_loss	0.0
data_received	32783950.8
latency_min (ms)	0.0953
latency_max (ms)	0.2939
latency_mean (ms)	0.2185
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6816
pub_loop_res_max (ms)	0.9599
pub_loop_res_mean (ms)	0.8282
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 (%)	2.5517

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0