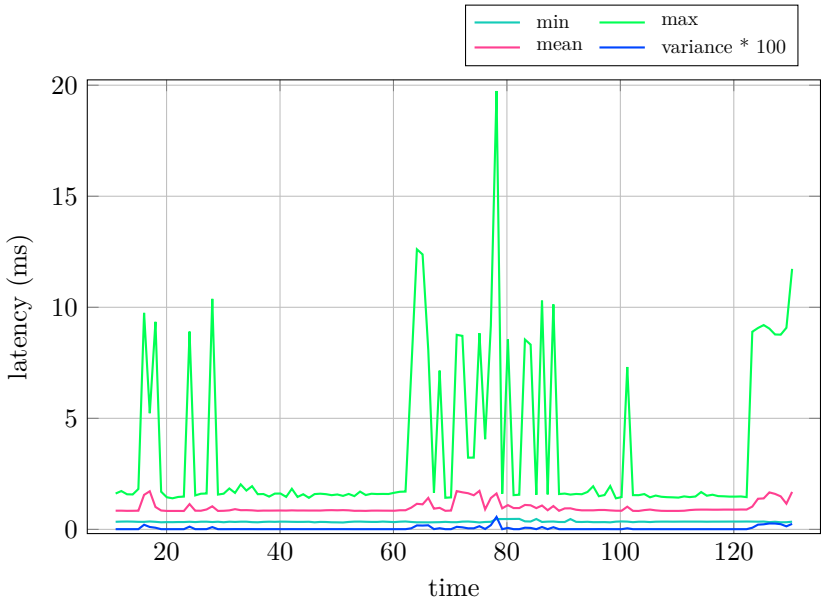
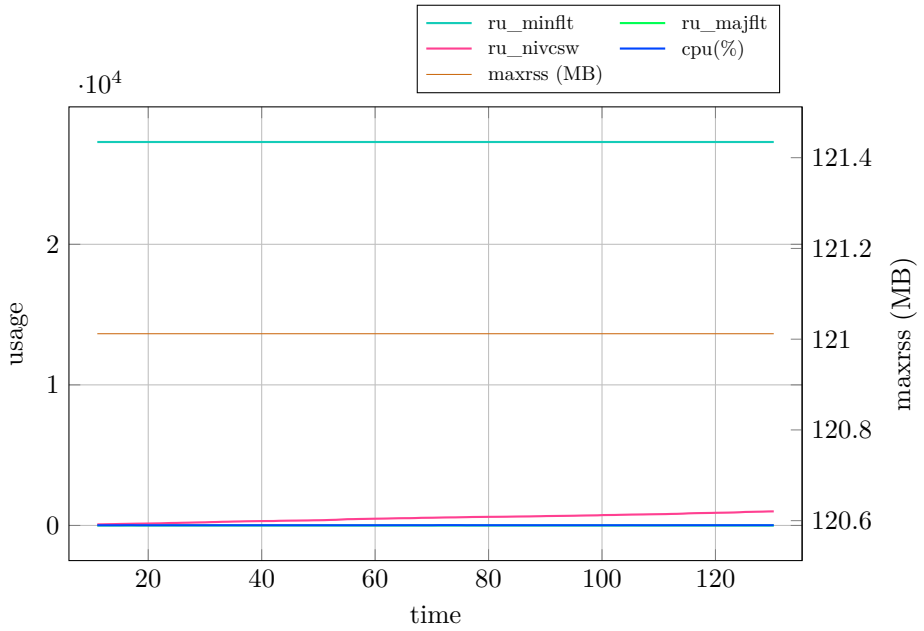
Performance

Logfile name	log_test_topic_29-11-2020_22-39-31
Experiment id	fb752204-6ae6-4e76-922e-f2df4ae9dc43
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	1.0021
received	4995.0167
sent	499.4583
lost	0.0
relative_loss	0.0
data_received	5242957595.0083
latency_min (ms)	0.3458
latency_max (ms)	3.5274
latency_mean (ms)	0.983
latency_variance (ms)	0.0005
pub_loop_res_min (ms)	0.0046
pub_loop_res_max (ms)	1.8334
pub_loop_res_mean (ms)	1.6254
pub_loop_res_variance (ms)	0.0002
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 (%)	13.6362

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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