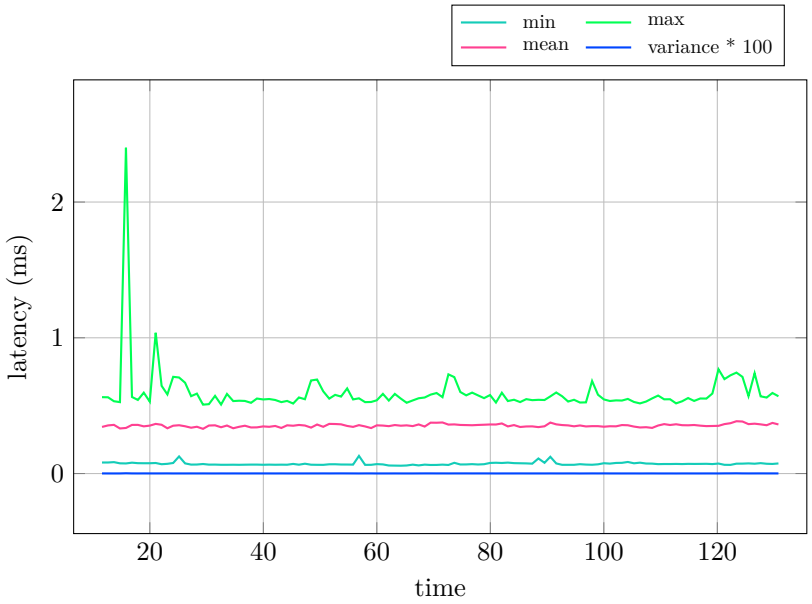
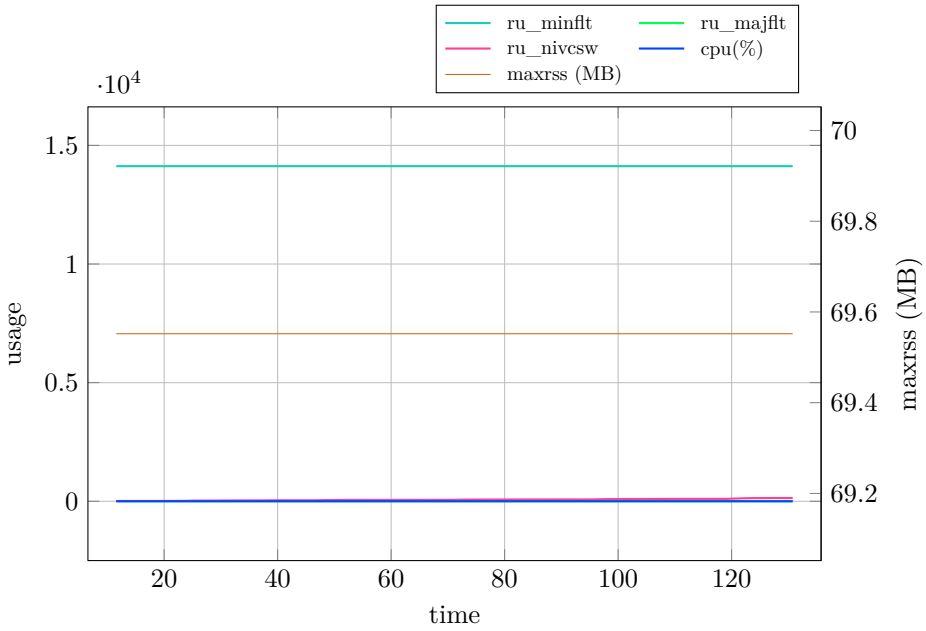
Performance

Logfile name	log_test_topic_29-11-2020_13-42-54
Experiment id	8c01ad54-f8bb-49a8-bdff-55de274163c2
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	1.0549
received	494.8772
sent	49.4825
lost	0.0
relative_loss	0.0
data_received	16393135.2105
latency_min (ms)	0.0719
latency_max (ms)	0.5939
latency_mean (ms)	0.3535
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4319
pub_loop_res_max (ms)	19.8932
pub_loop_res_mean (ms)	19.5551
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 (%)	1.6136

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