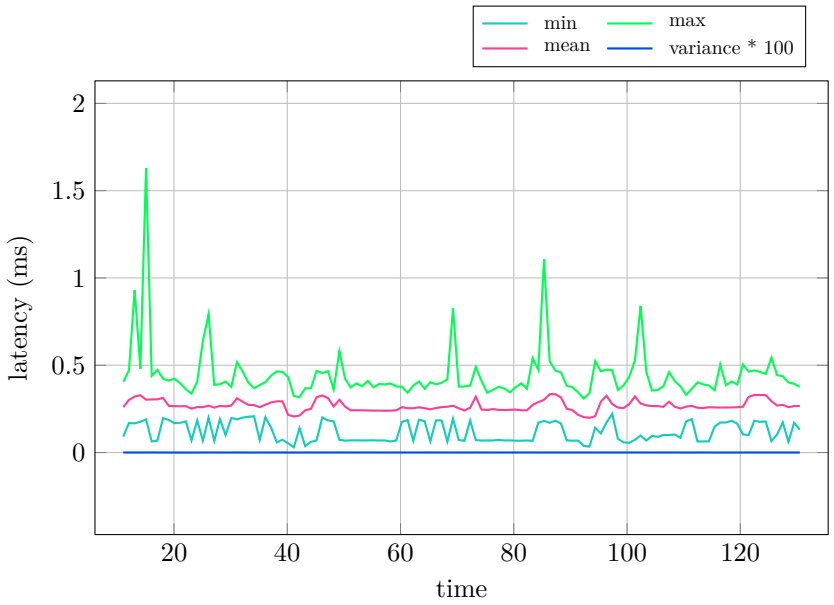
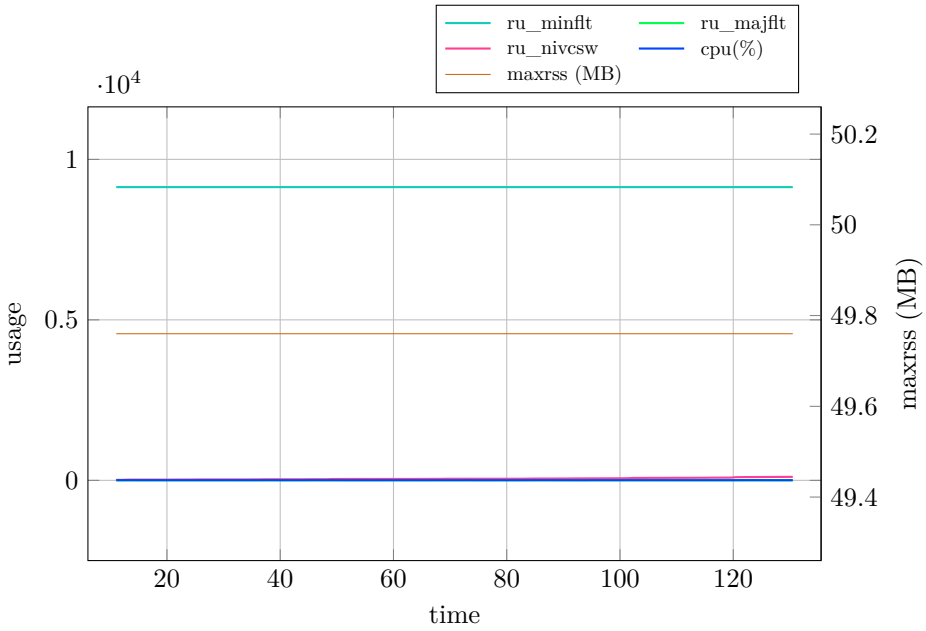
Performance

Logfile name	log_test_topic_29-11-2020_19-43-54
Experiment id	3b2e26f0-be8a-4daa-849e-f3639a8bb4f3
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0037
received	2497.5
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	81960022.8333
latency_min (ms)	0.1182
latency_max (ms)	0.4441
latency_mean (ms)	0.2683
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7384
pub_loop_res_max (ms)	1.8982
pub_loop_res_mean (ms)	1.8157
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 (%)	4.8656

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