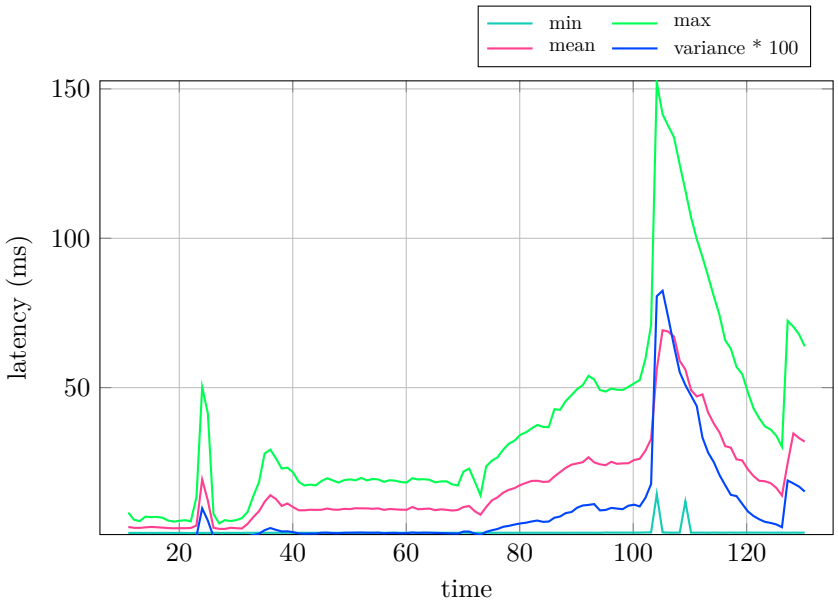
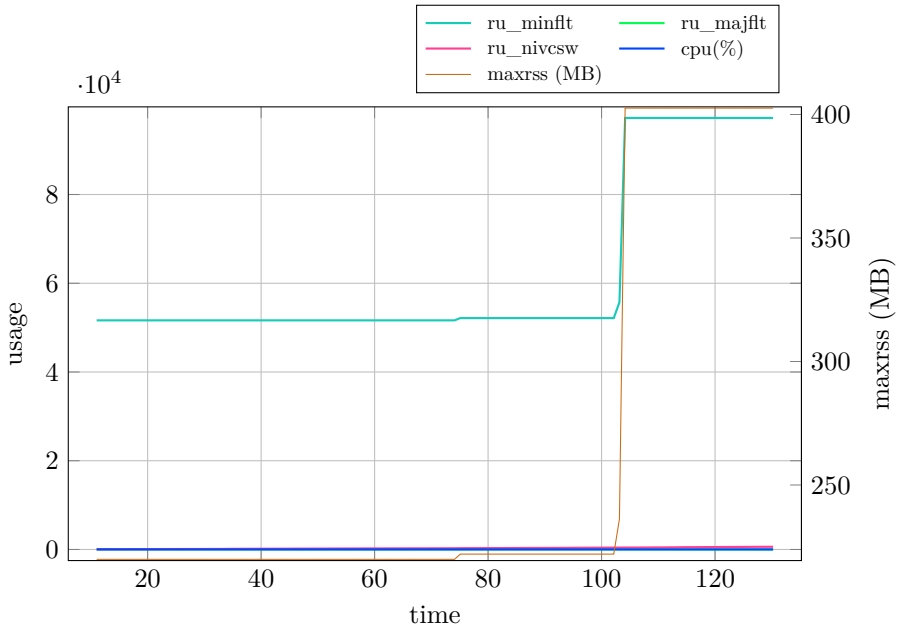
Performance

Logfile name	log_test_topic_27-11-2020_15-04-35
Experiment id	61941933-8aa6-4a11-b77f-d48a1892beb2
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	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0017
received	2997.375
sent	999.4167
lost	0.0
relative_loss	0.0
data_received	6289019375.2917
latency_min (ms)	1.612
latency_max (ms)	37.1393
latency_mean (ms)	17.7467
latency_variance (ms)	0.0895
pub_loop_res_min (ms)	-29.3918
pub_loop_res_max (ms)	0.8026
pub_loop_res_mean (ms)	-13.9076
pub_loop_res_variance (ms)	0.1248
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 (%)	17.1402

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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