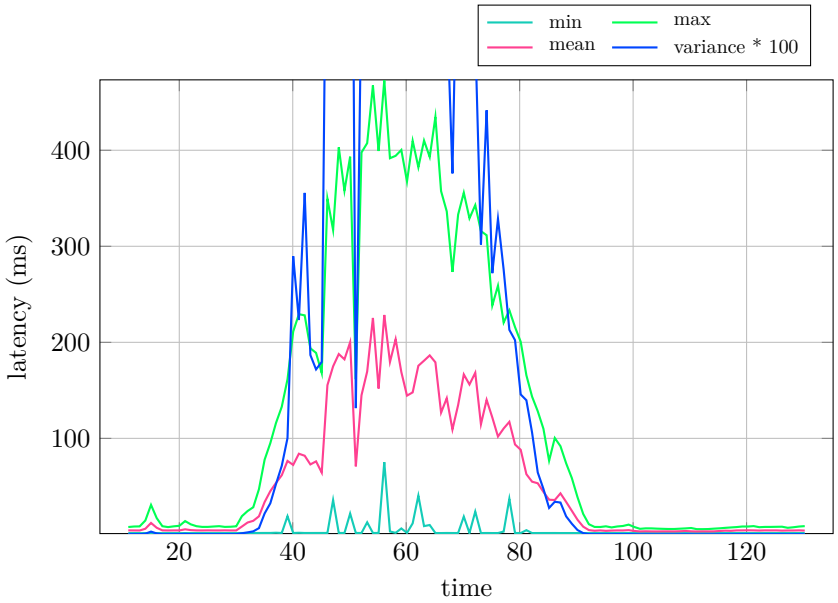
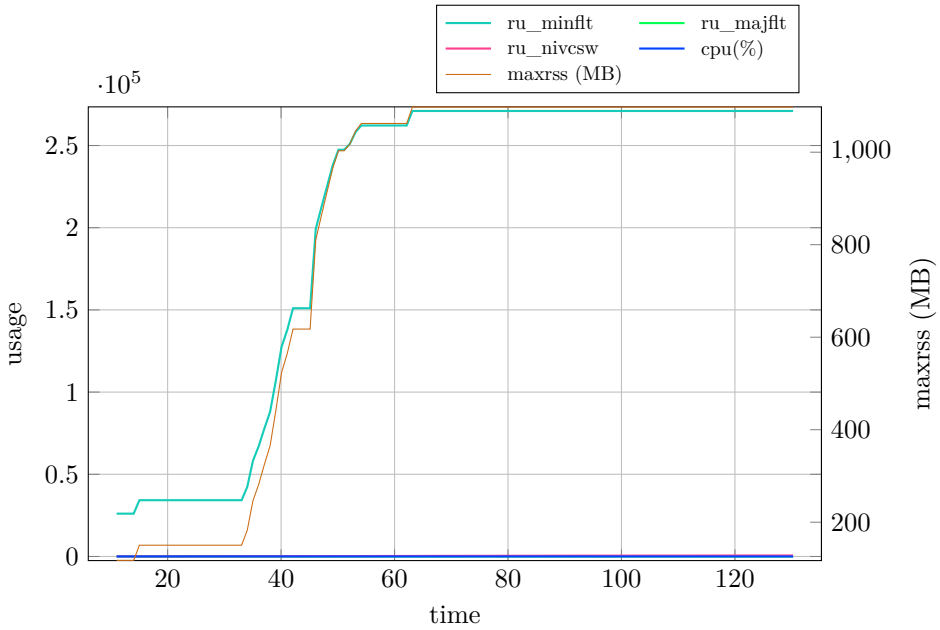
Performance

Logfile name	log_test_topic_27-11-2020_15-20-31
Experiment id	d7613498-1bdd-430e-99de-f825045699ab
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	1.0019
received	2998.4333
sent	999.4833
lost	0.0
relative_loss	0.0
data_received	6292942805.2
latency_min (ms)	3.9929
latency_max (ms)	128.8077
latency_mean (ms)	56.4931
latency_variance (ms)	2.1802
pub_loop_res_min (ms)	-122.9552
pub_loop_res_max (ms)	-5.8589
pub_loop_res_mean (ms)	-73.6534
pub_loop_res_variance (ms)	2.6048
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 (%)	17.2549

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud2m
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