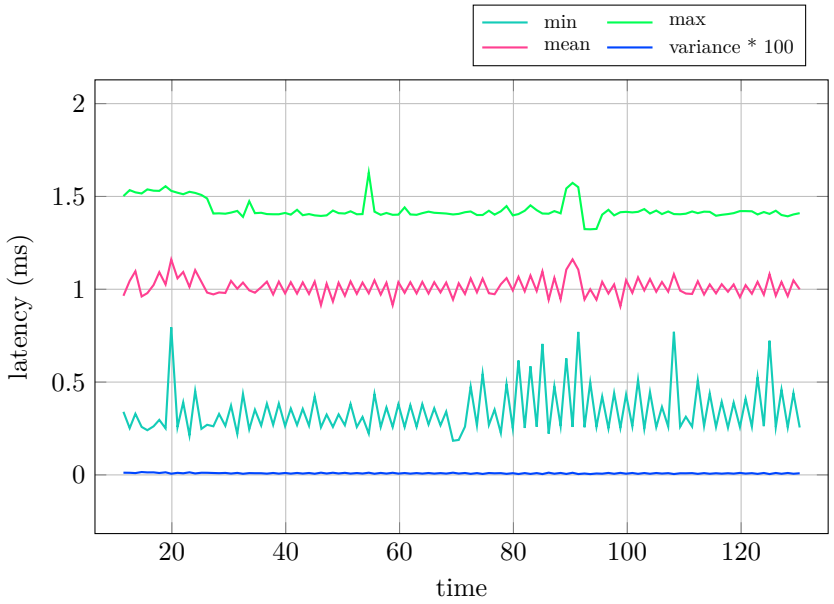
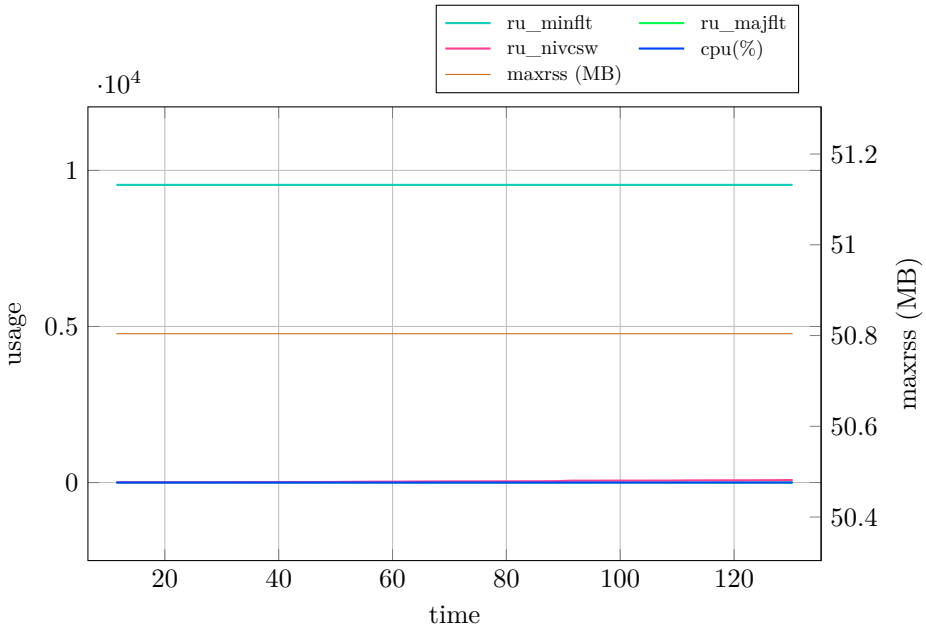
Performance

Logfile name	log__test__topic__28-11-2020__12-15-44
Experiment id	2952dbdd-9343-4a6f-8418-85100350b445
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.0507
received	47.4649
sent	9.5
lost	0.0
relative_loss	0.0
data_received	26258349.2632
latency_min (ms)	0.3448
latency_max (ms)	1.4296
latency_mean (ms)	1.0131
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.3223
pub_loop_res_max (ms)	99.6742
pub_loop_res_mean (ms)	99.395
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 (%)	0.6297

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	PointCloud512k
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