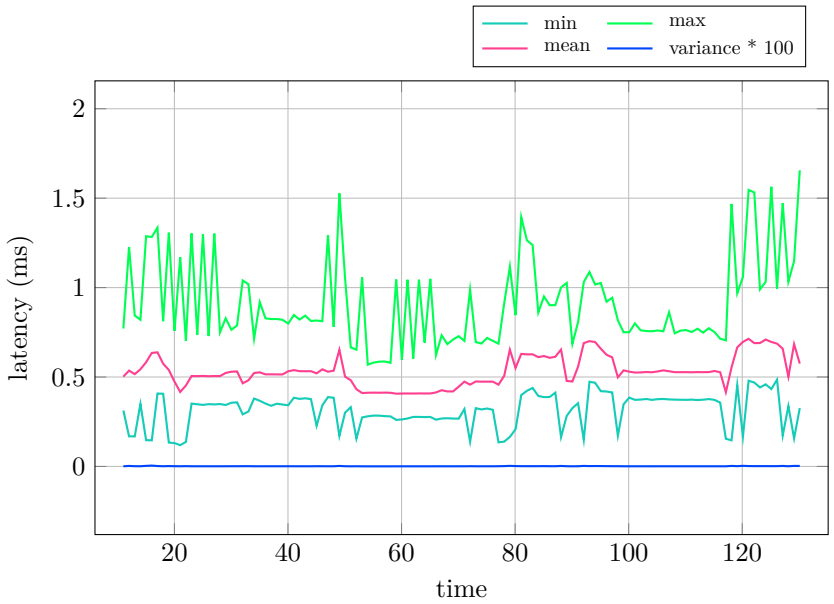
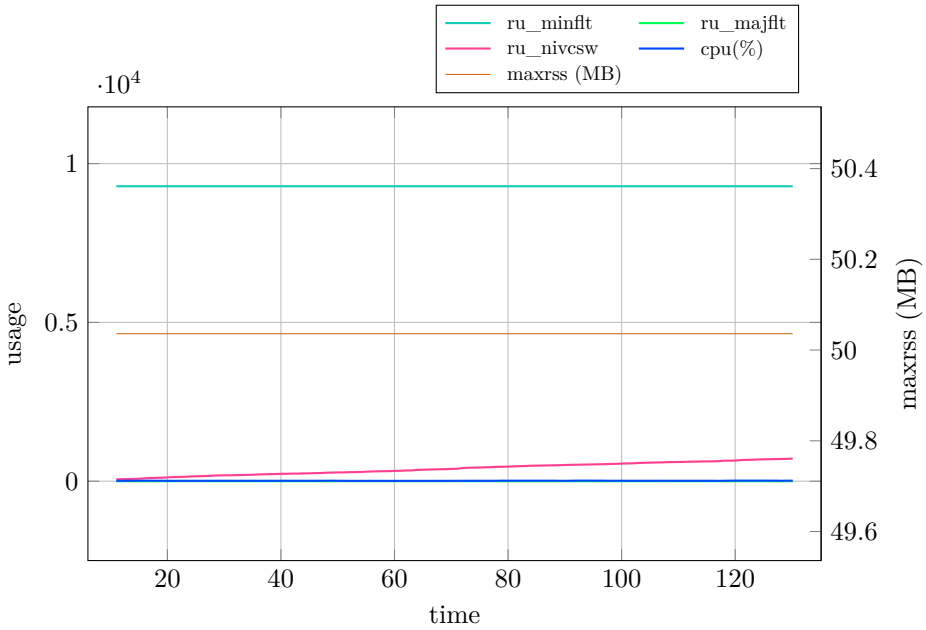
Performance

Logfile name	log_test_topic_30-11-2020_08-32-51
Experiment id	d1c85ee6-7040-4c70-95af-d761627a0d43
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0008
received	4997.6333
sent	999.5333
lost	0.0
relative_loss	0.0
data_received	2623758833.8833
latency_min (ms)	0.3153
latency_max (ms)	0.9155
latency_mean (ms)	0.5318
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7362
pub_loop_res_max (ms)	0.8537
pub_loop_res_mean (ms)	0.8023
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 (%)	13.1154

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