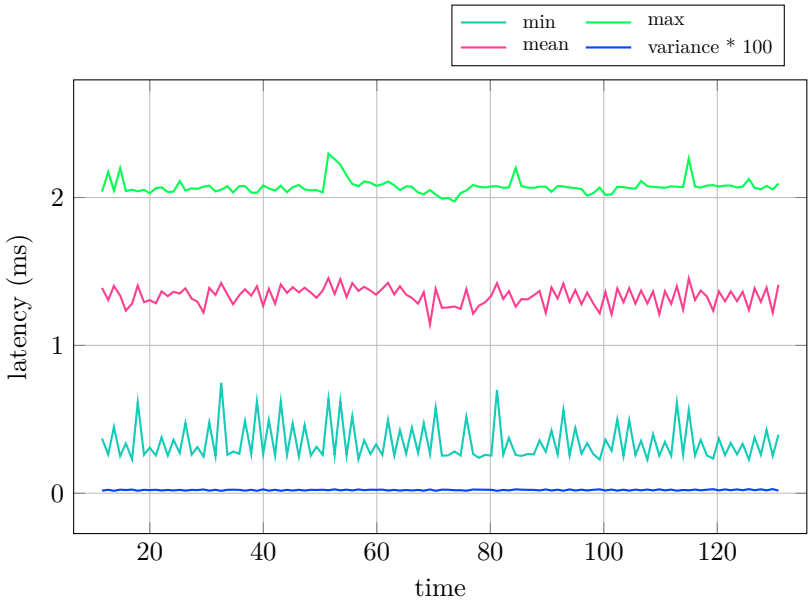
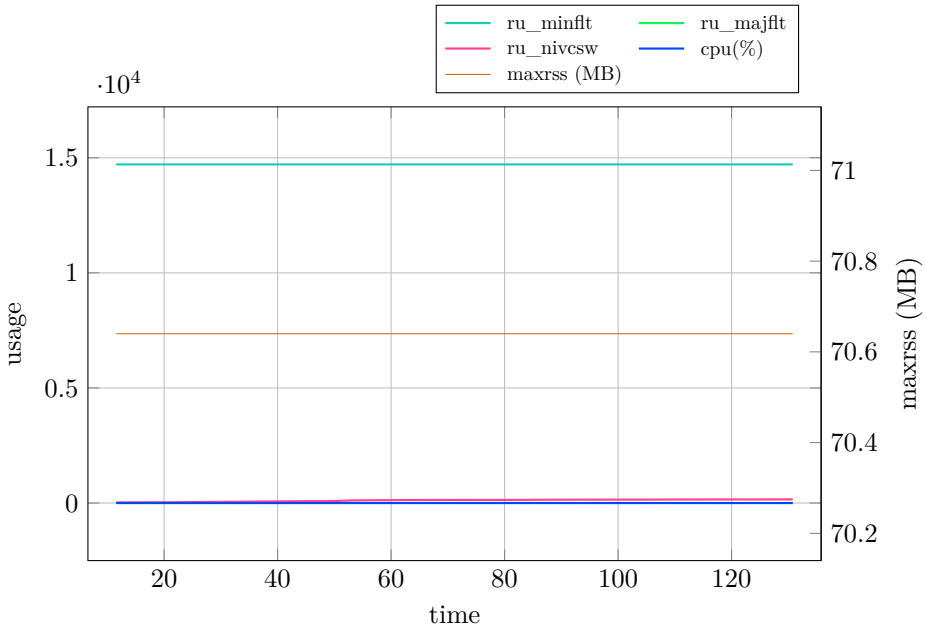
Performance

Logfile name	log_test_topic_28-11-2020_21-00-53
Experiment id	1830d8c9-161e-4659-8670-0868f9fa8a51
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0542
received	95.0351
sent	9.5088
lost	0.0
relative_loss	0.0
data_received	52489651.2018
latency_min (ms)	0.3451
latency_max (ms)	2.0732
latency_mean (ms)	1.3331
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	99.359
pub_loop_res_max (ms)	99.7063
pub_loop_res_mean (ms)	99.4285
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 (%)	0.8474

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