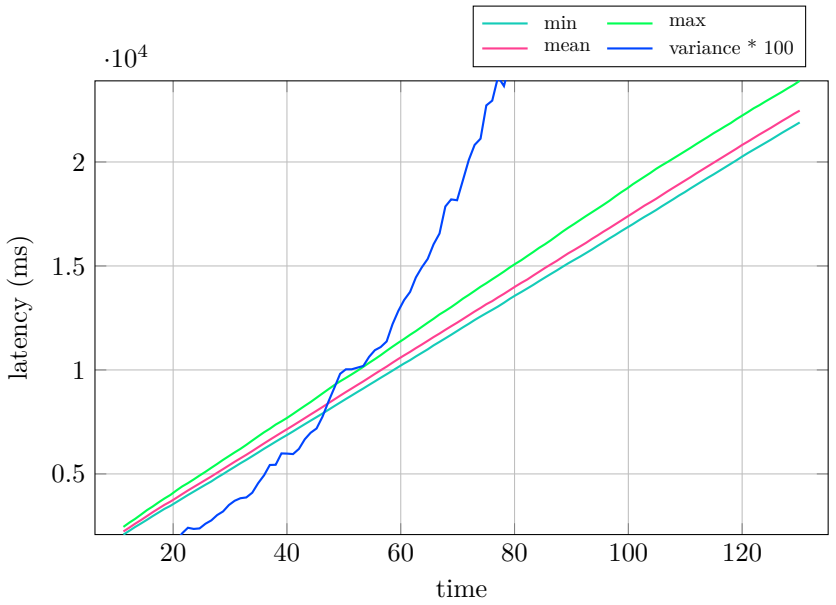
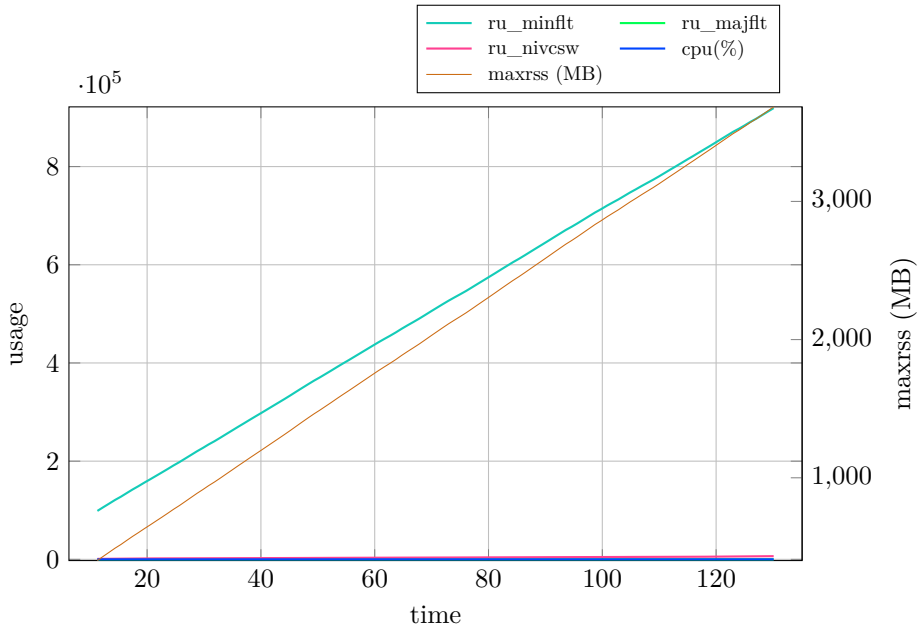
Performance

Logfile name	log_test_topic_30-11-2020_07-02-06
Experiment id	1daea520-6e88-457c-adb9-2fe81bcc0d16
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	1.0246
received	2027.7009
sent	489.0342
lost	0.0
relative_loss	0.0
data_received	137501201.6239
latency_min (ms)	12029.3333
latency_max (ms)	13362.1624
latency_mean (ms)	12428.3077
latency_variance (ms)	224.7293
pub_loop_res_min (ms)	-34447.7009
pub_loop_res_max (ms)	-33925.6838
pub_loop_res_mean (ms)	-34186.8376
pub_loop_res_variance (ms)	22.6528
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 (%)	50.7781

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_ecal_dynamic_cpp
Roundtrip Mode	NONE
With security	0