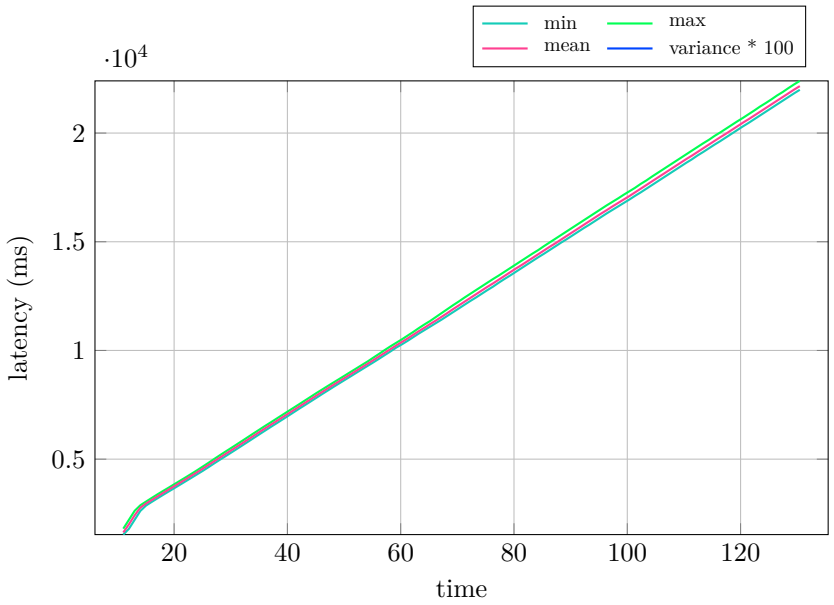
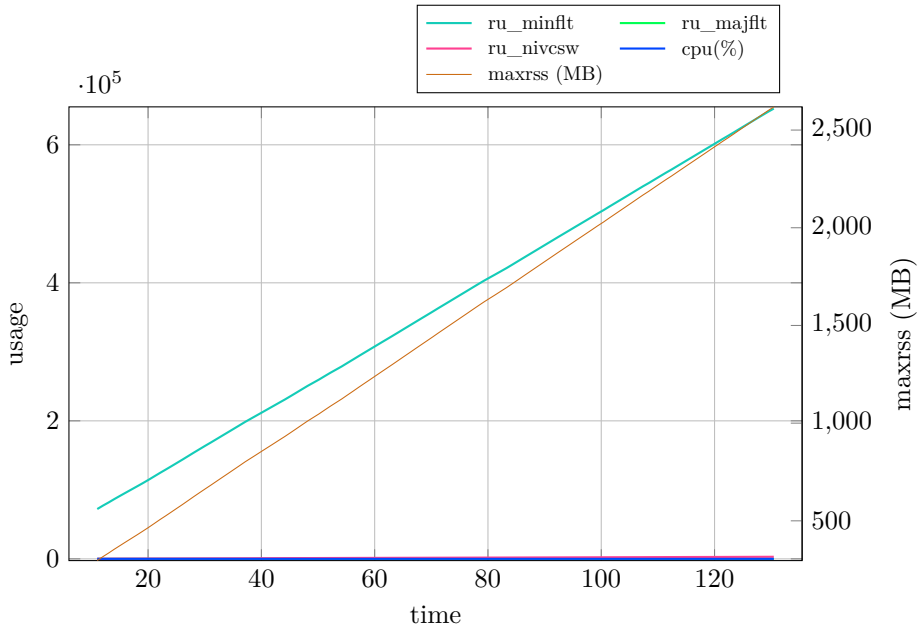
Performance

Logfile name	log_test_topic_27-11-2020_13-46-57
Experiment id	e79acefb-2d30-4ad1-902d-5b52c86a4e2b
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	1.0035
received	1466.225
sent	586.8583
lost	0.0
relative_loss	0.0
data_received	99406181.6833
latency_min (ms)	12038.2083
latency_max (ms)	12338.3083
latency_mean (ms)	12171.65
latency_variance (ms)	7.3192
pub_loop_res_min (ms)	-26868.8583
pub_loop_res_max (ms)	-26455.3
pub_loop_res_mean (ms)	-26663.2417
pub_loop_res_variance (ms)	14.2145
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 (%)	33.8531

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