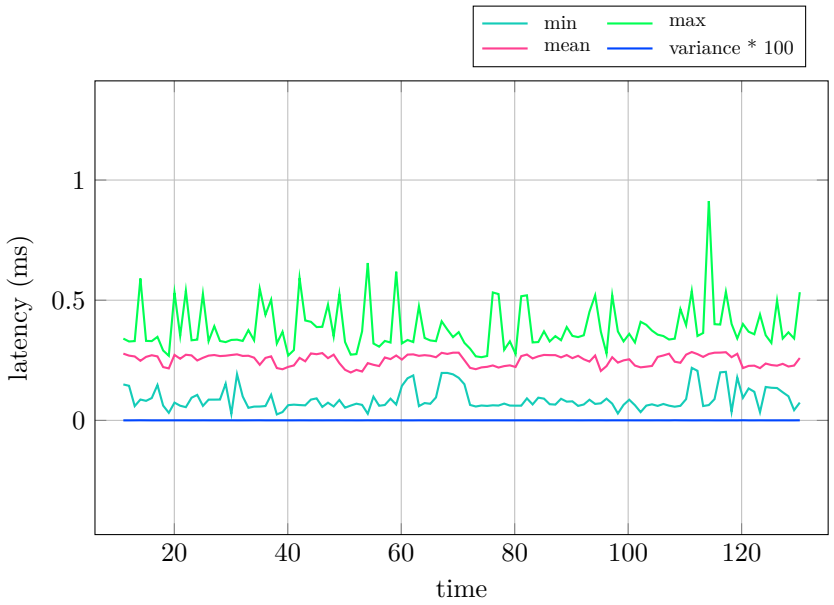
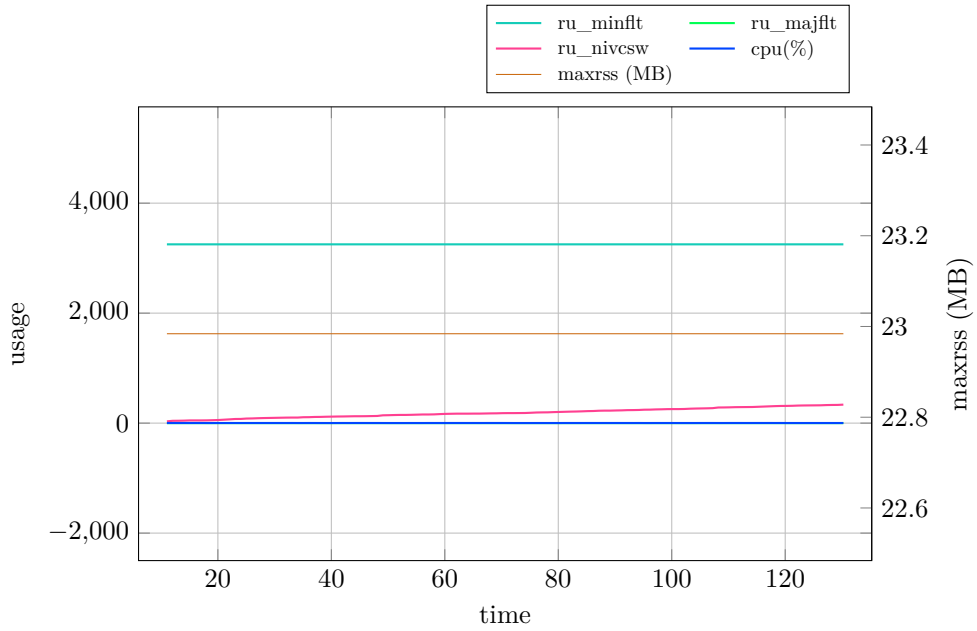
Performance

Logfile name	log_test_topic_29-11-2020_15-57-19
Experiment id	f1e265f7-4471-4e88-b86d-1e7de6bd4ea2
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0017
received	499.525
sent	499.5167
lost	0.0
relative_loss	0.0
data_received	520006.9167
latency_min (ms)	0.0878
latency_max (ms)	0.386
latency_mean (ms)	0.252
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.5977
pub_loop_res_max (ms)	1.9218
pub_loop_res_mean (ms)	1.757
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 (%)	1.9031

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1k
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