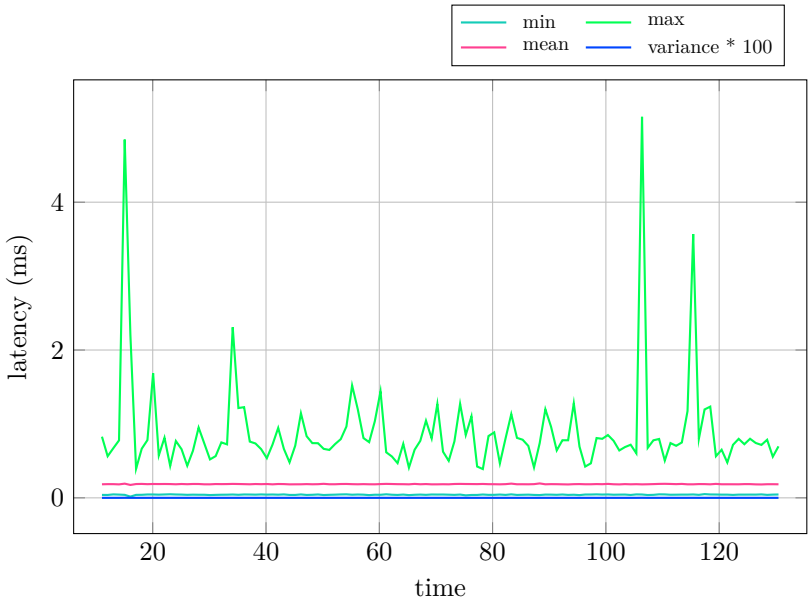
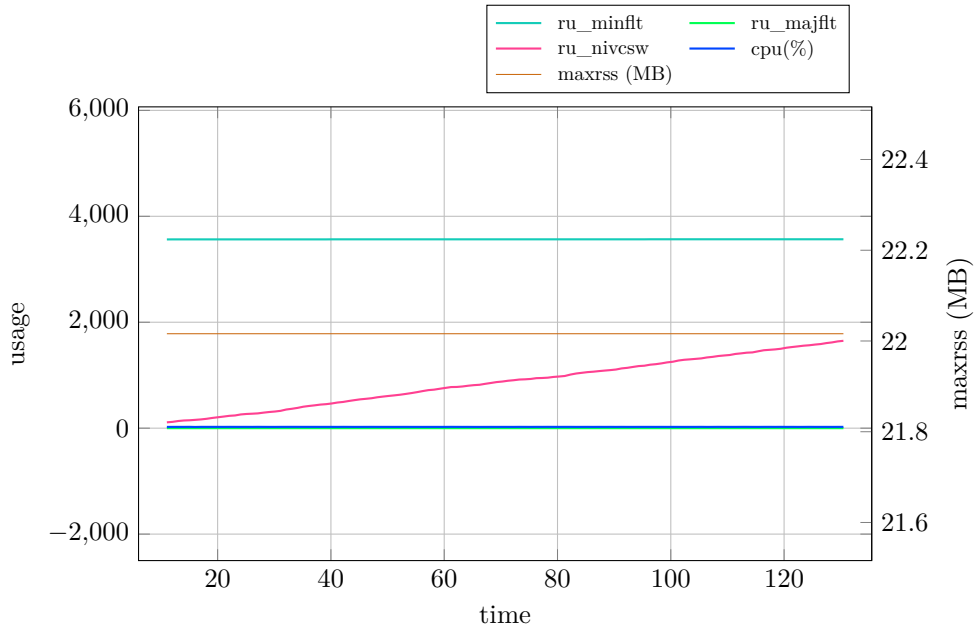
Performance

Logfile name	log_test_topic_30-11-2020_10-23-39
Experiment id	707b61ba-0816-4ee0-b233-0948273eba2a
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0033
received	9995.0167
sent	999.4917
lost	0.0
relative_loss	0.0
data_received	319994.9417
latency_min (ms)	0.0428
latency_max (ms)	0.8933
latency_mean (ms)	0.1854
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.539
pub_loop_res_max (ms)	0.8593
pub_loop_res_mean (ms)	0.7838
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 (%)	24.1628

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0