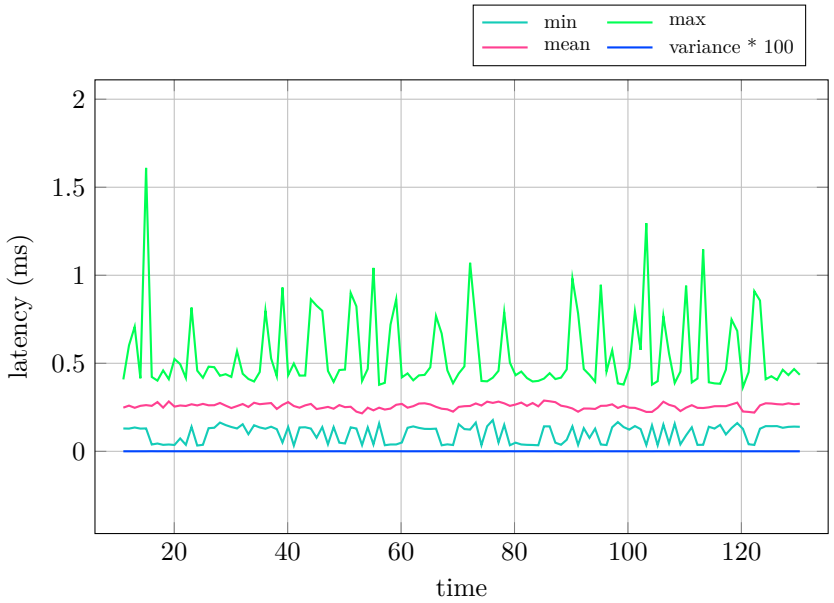
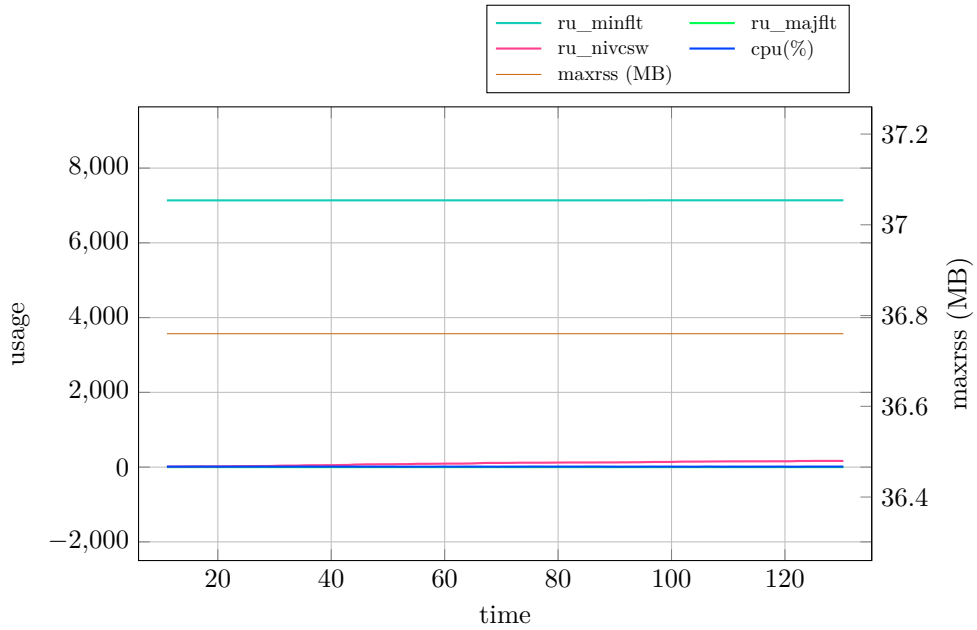
Performance

Logfile name	log_test_topic_30-11-2020_07-43-20
Experiment id	b296ee13-224b-46be-8071-6c46eeb7afbb
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	1.0021
received	4997.45
sent	999.475
lost	0.0
relative_loss	0.0
data_received	42319997.575
latency_min (ms)	0.0999
latency_max (ms)	0.5508
latency_mean (ms)	0.2566
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6458
pub_loop_res_max (ms)	0.9012
pub_loop_res_mean (ms)	0.8059
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 (%)	12.7312

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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