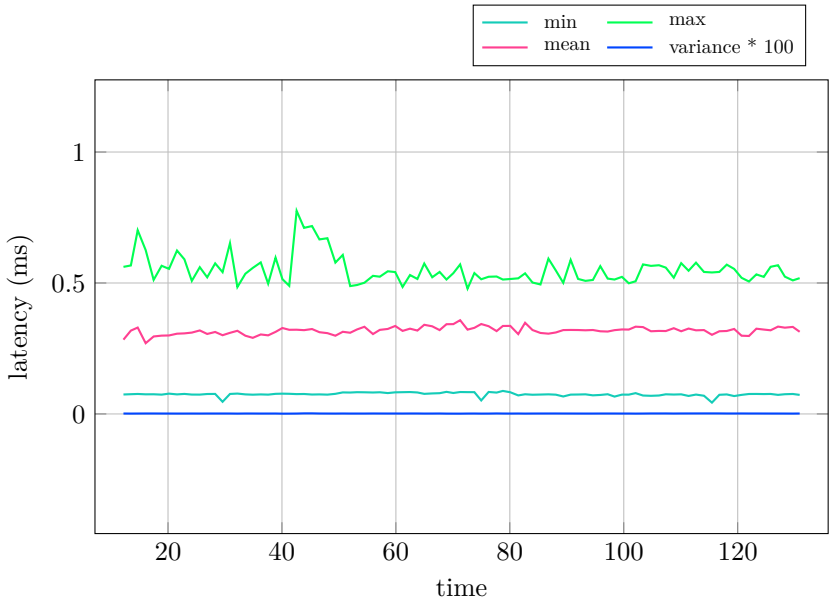
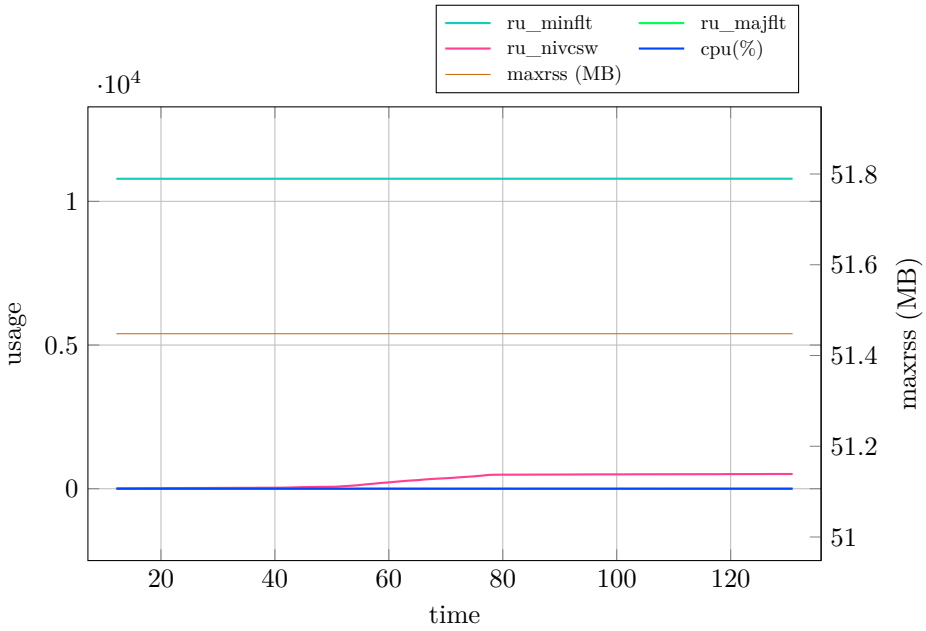
Performance

Logfile name	log_test_topic_12-12-2020_18-39-09
Experiment id	a530e919-1f18-4ea4-b2e3-ead98239db99
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.3042
received	94.9348
sent	9.4674
lost	0.0
relative_loss	0.0
data_received	846759.7717
latency_min (ms)	0.0753
latency_max (ms)	0.5499
latency_mean (ms)	0.318
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.3661
pub_loop_res_max (ms)	99.88
pub_loop_res_mean (ms)	99.5424
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 (%)	2.2314

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0