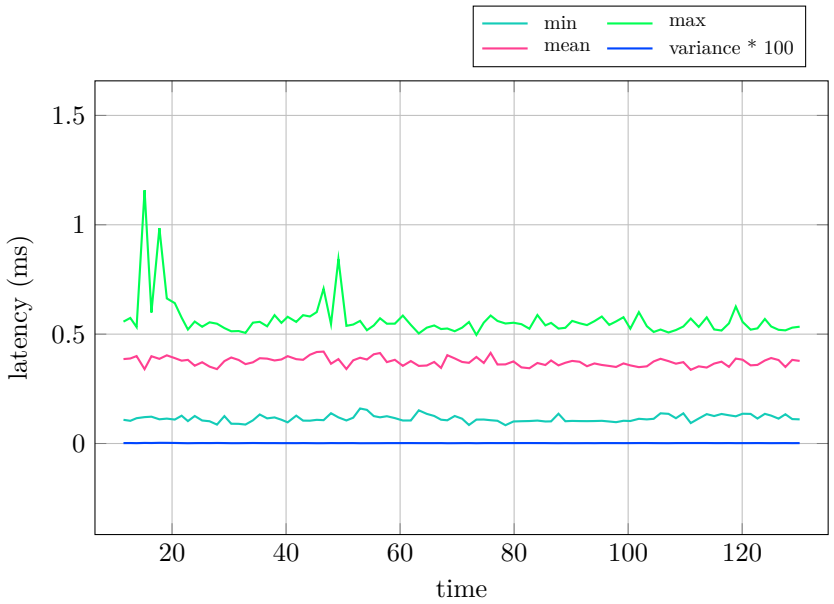
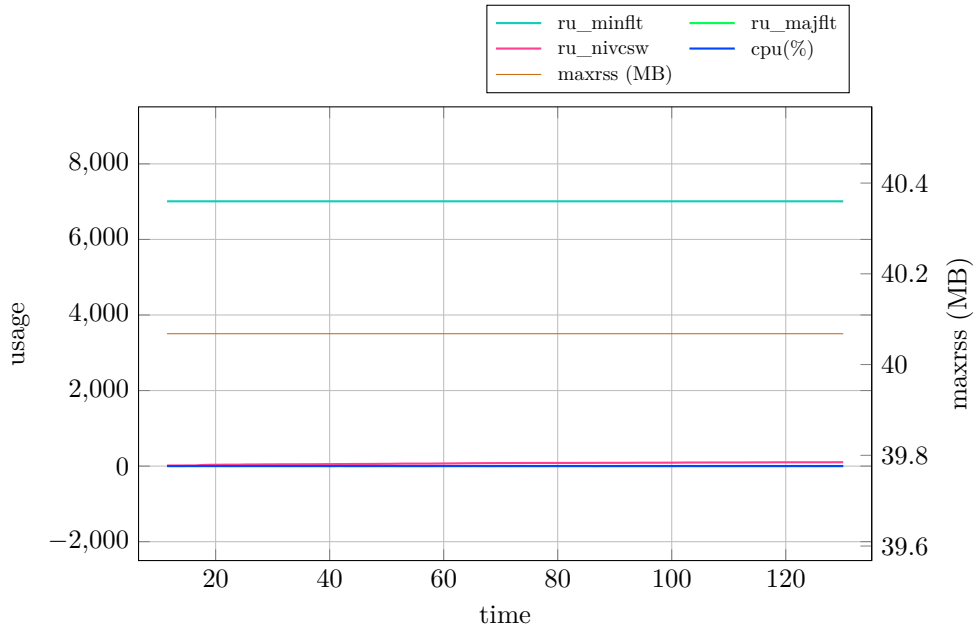
Performance

Logfile name	log_test_topic_30-11-2020_22-47-14
Experiment id	4ee01039-f524-47dd-94f7-a3ccfb6f859a
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	1.2743
received	95.0
sent	9.5426
lost	0.0
relative_loss	0.0
data_received	847209.9468
latency_min (ms)	0.1142
latency_max (ms)	0.5647
latency_mean (ms)	0.3739
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4696
pub_loop_res_max (ms)	99.8898
pub_loop_res_mean (ms)	99.5909
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 (%)	2.0006

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0