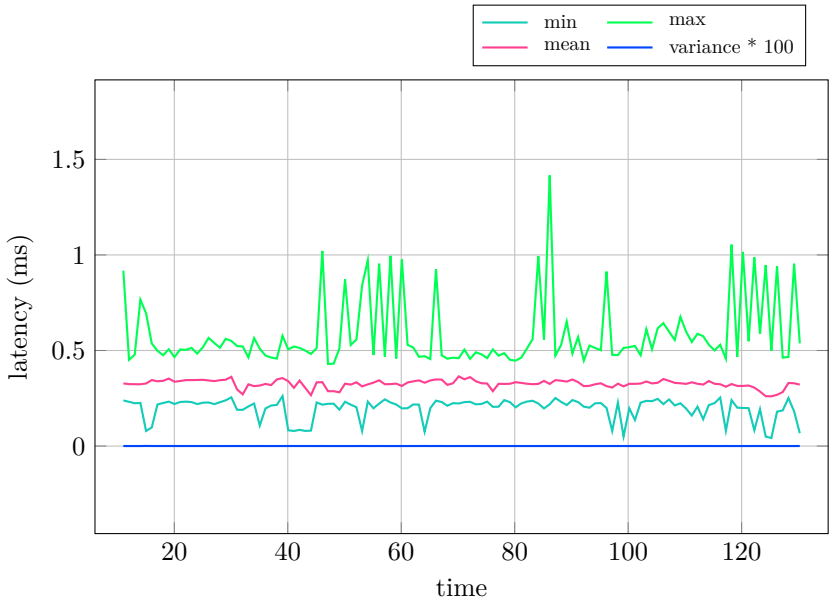
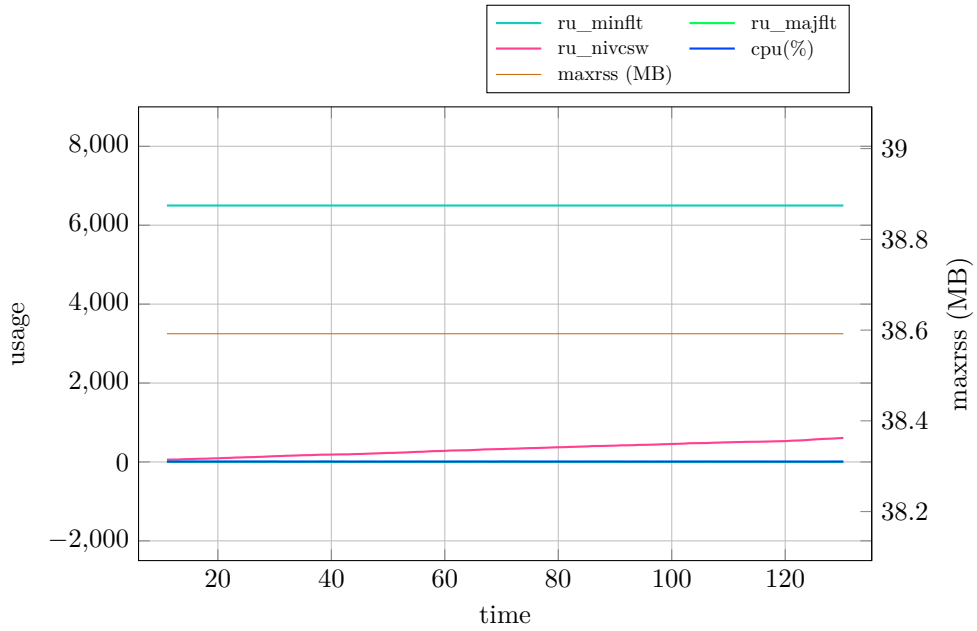
Performance

Logfile name	log_test_topic_30-11-2020_08-28-17
Experiment id	a97fd488-cd27-49a1-9d4c-e05b3af78ff1
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	1.0017
received	4997.4083
sent	999.4167
lost	0.0
relative_loss	0.0
data_received	42320044.5167
latency_min (ms)	0.1979
latency_max (ms)	0.5848
latency_mean (ms)	0.3258
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7622
pub_loop_res_max (ms)	0.8711
pub_loop_res_mean (ms)	0.8091
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 (%)	10.7168

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0