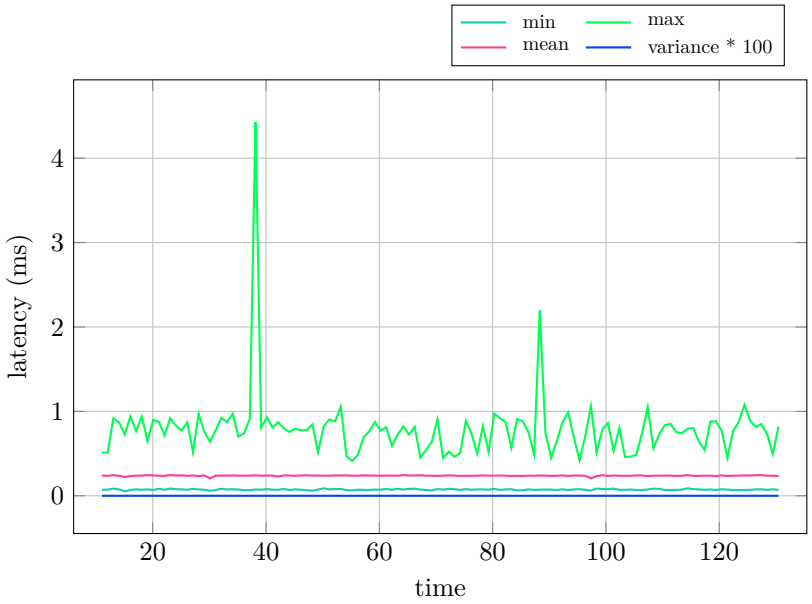
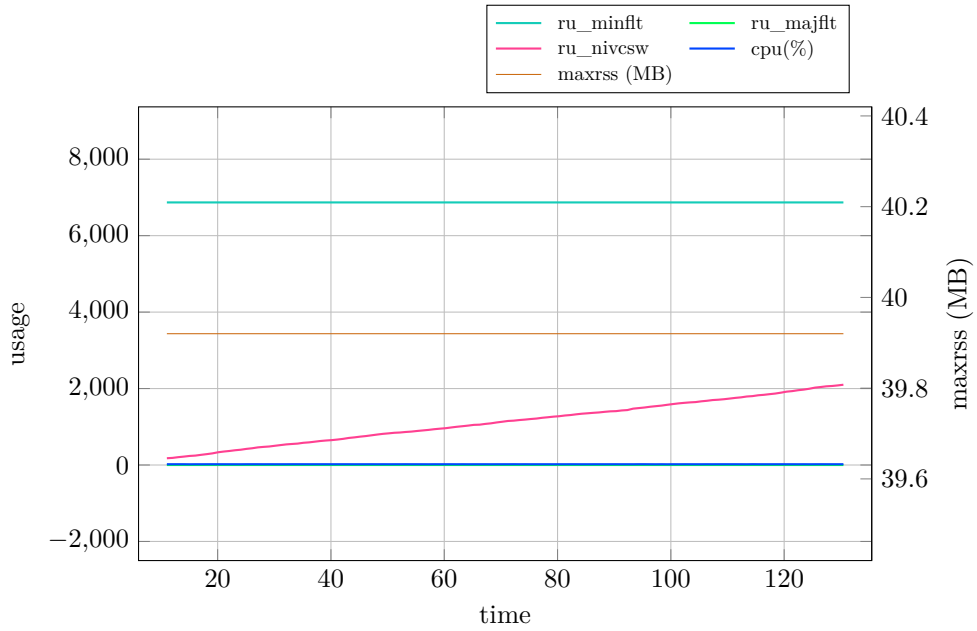
Performance

Logfile name	log_test_topic_02-12-2020_06-27-37
Experiment id	cd12f6f9-1ed5-49cf-9657-1f1044f40157
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	1.0032
received	9994.5167
sent	999.5333
lost	0.2
relative_loss	0.0002
data_received	319979.3333
latency_min (ms)	0.0738
latency_max (ms)	0.7883
latency_mean (ms)	0.2382
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7657
pub_loop_res_max (ms)	0.9218
pub_loop_res_mean (ms)	0.8684
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 (%)	20.1377

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
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