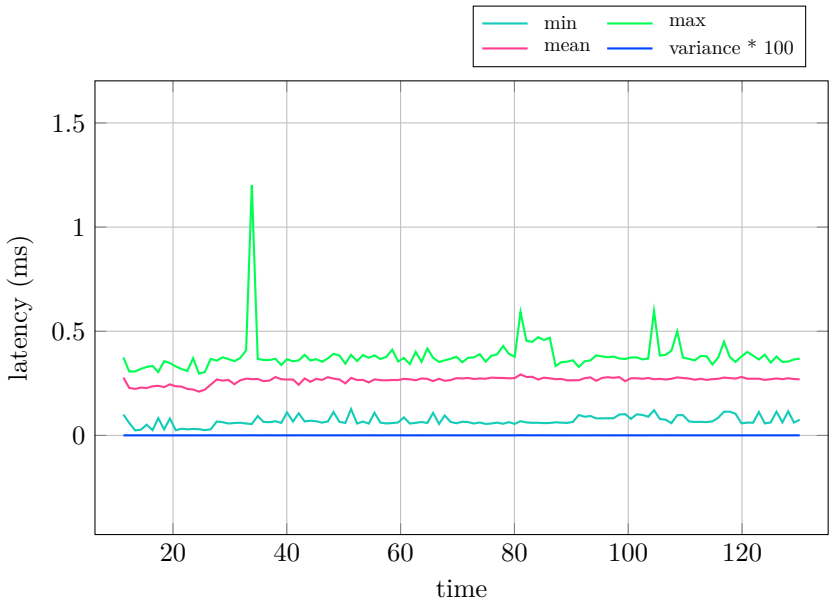
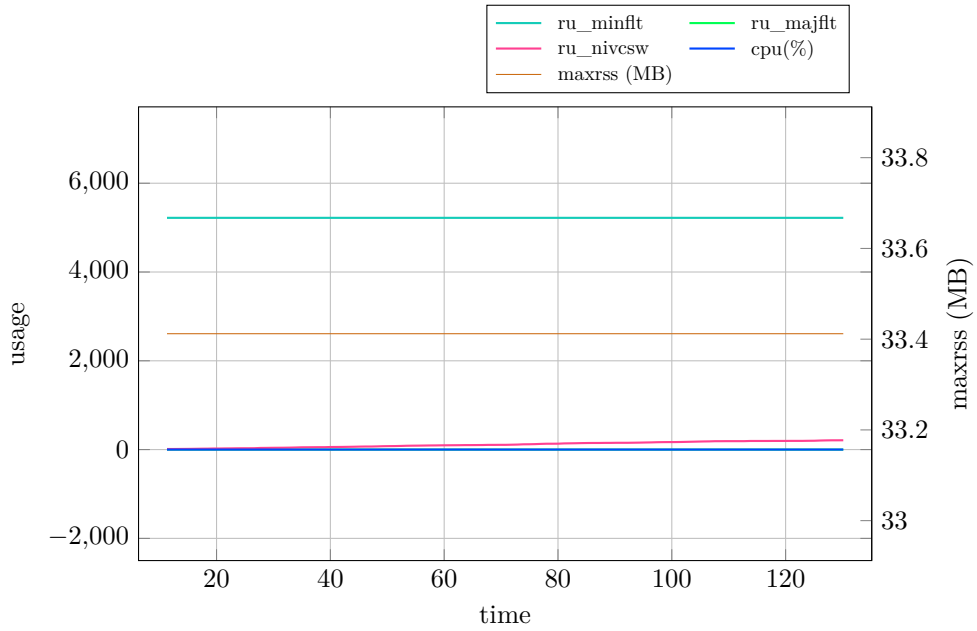
Performance

Logfile name	log_test_topic_29-11-2020_11-40-28
Experiment id	2f7766a1-4ec6-4686-ab93-1495d0352cd2
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0241
received	247.5299
sent	49.5128
lost	0.0
relative_loss	0.0
data_received	7997.6752
latency_min (ms)	0.0699
latency_max (ms)	0.3816
latency_mean (ms)	0.2651
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4168
pub_loop_res_max (ms)	19.8807
pub_loop_res_mean (ms)	19.552
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 (%)	0.6989

environment

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