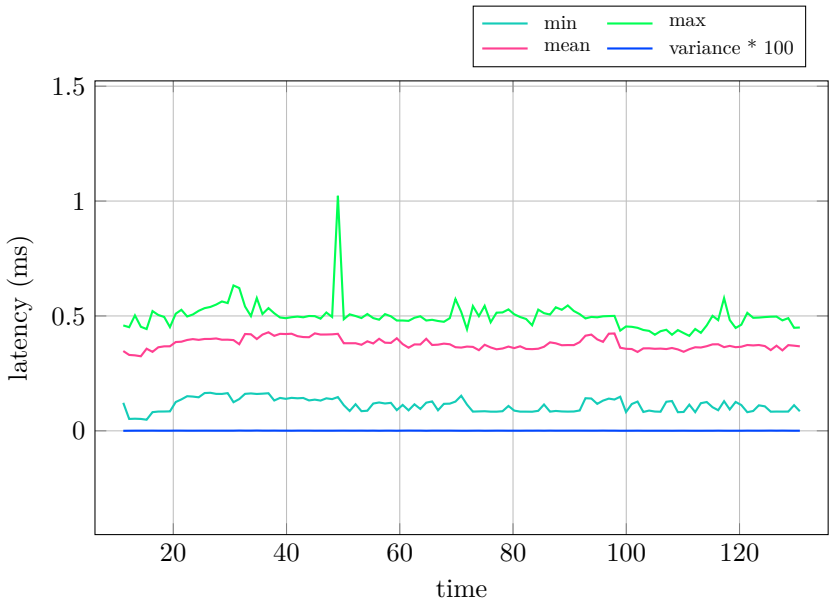
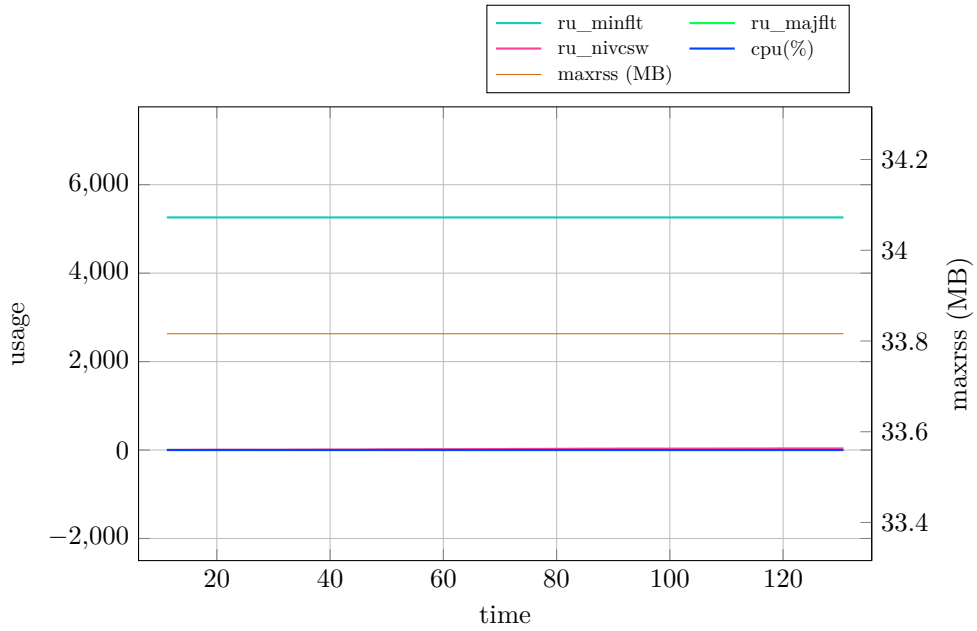
Performance

Logfile name	log_test_topic_01-12-2020_10-21-59
Experiment id	1279205f-8062-4271-bcd5-dd0e16174eb8
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	1.0298
received	247.5043
sent	49.4957
lost	0.0
relative_loss	0.0
data_received	2116153.4957
latency_min (ms)	0.1118
latency_max (ms)	0.4988
latency_mean (ms)	0.379
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.3891
pub_loop_res_max (ms)	19.8781
pub_loop_res_mean (ms)	19.4935
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 (%)	0.8681

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