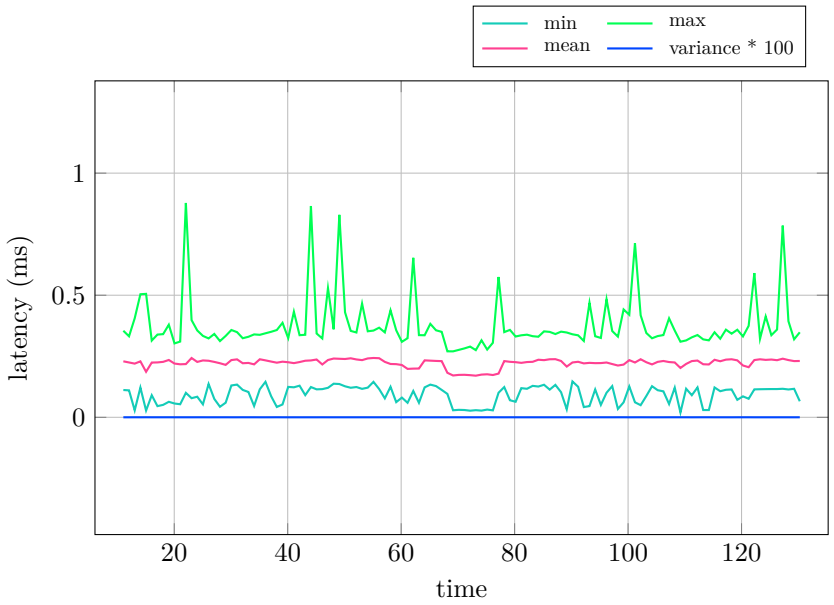
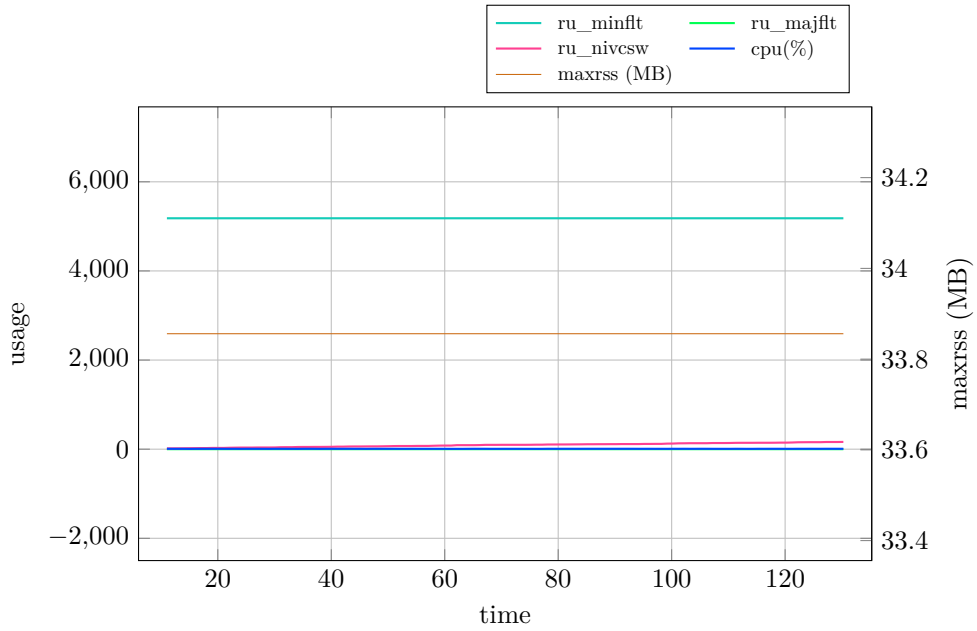
Performance

Logfile name	log_test_topic_01-12-2020_21-34-39
Experiment id	064a6038-25ce-4309-acc0-624bfdfd2b50
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	1.0018
received	4997.5083
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	399992.1
latency_min (ms)	0.0916
latency_max (ms)	0.3769
latency_mean (ms)	0.2224
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6969
pub_loop_res_max (ms)	0.9057
pub_loop_res_mean (ms)	0.8334
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 (%)	8.5231

environment

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