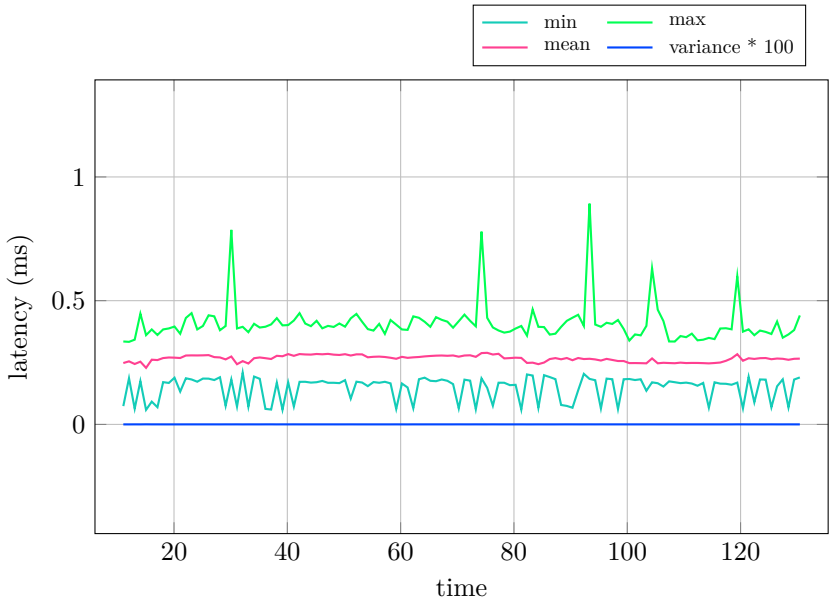
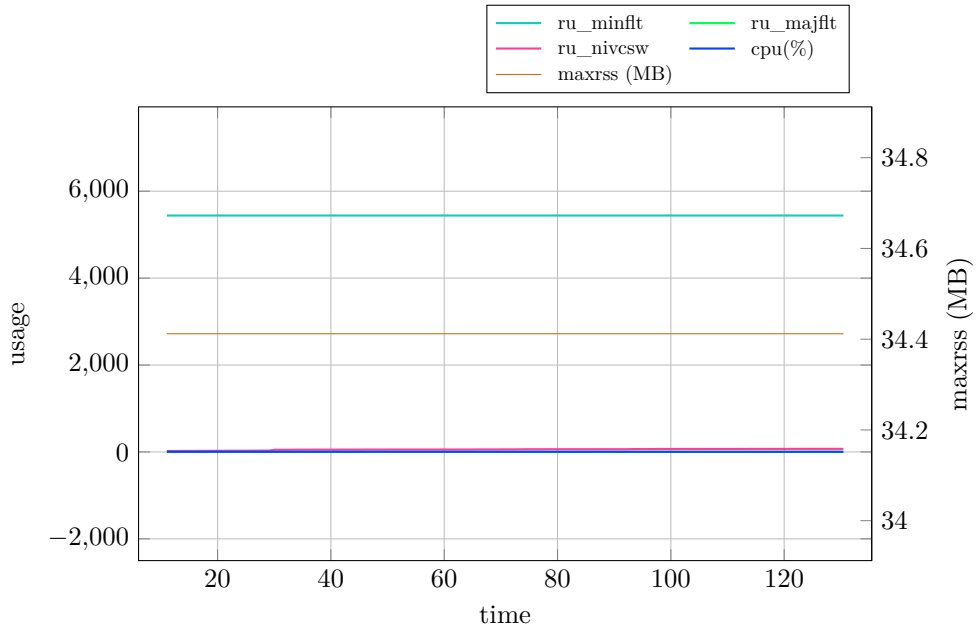
Performance

Logfile name	log_test_topic_01-12-2020_15-25-10
Experiment id	37bae938-d5b0-4f32-80d8-7105db21104f
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0031
received	2497.4583
sent	499.4583
lost	0.0
relative_loss	0.0
data_received	81959964.9167
latency_min (ms)	0.1482
latency_max (ms)	0.4082
latency_mean (ms)	0.2662
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7056
pub_loop_res_max (ms)	1.8873
pub_loop_res_mean (ms)	1.8282
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 (%)	4.7138

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array32k
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