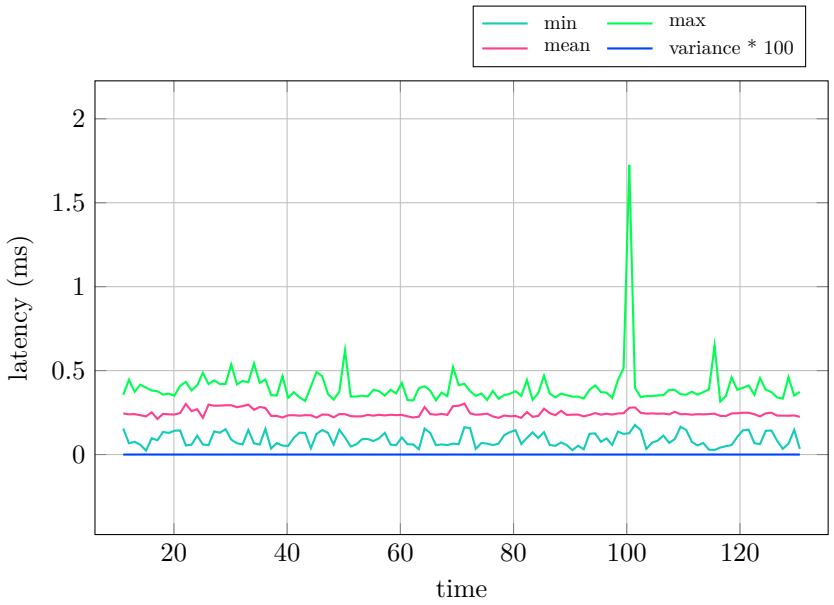
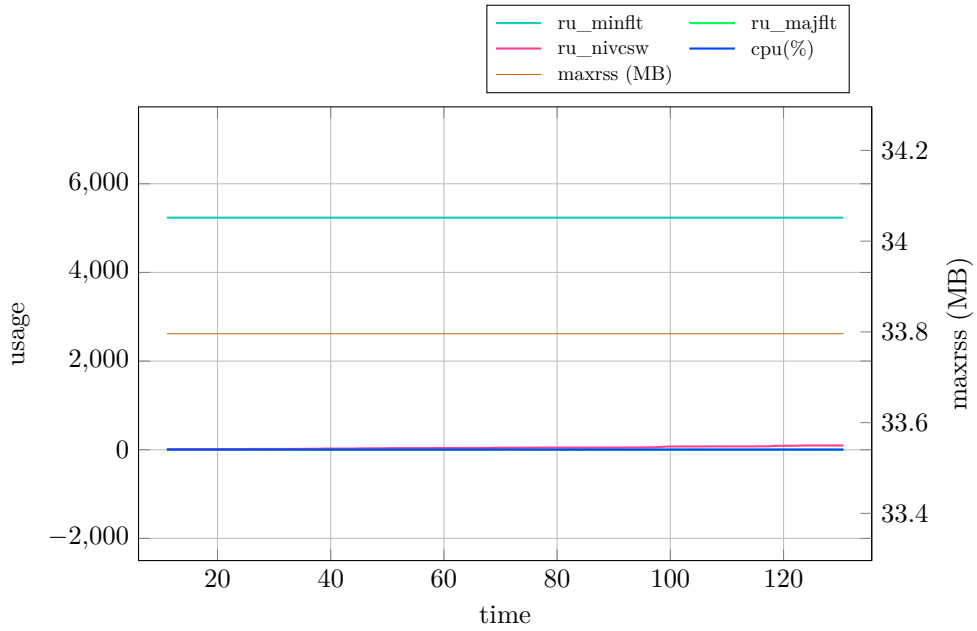
Performance

Logfile name	log_test_topic_01-12-2020_15-20-36
Experiment id	256e6aae-71c1-445d-a5f1-d410be0da3a6
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	1.0041
received	2497.55
sent	499.4917
lost	0.0
relative_loss	0.0
data_received	10280003.7417
latency_min (ms)	0.09
latency_max (ms)	0.4006
latency_mean (ms)	0.245
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7275
pub_loop_res_max (ms)	1.9358
pub_loop_res_mean (ms)	1.8334
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 (%)	4.6311

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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