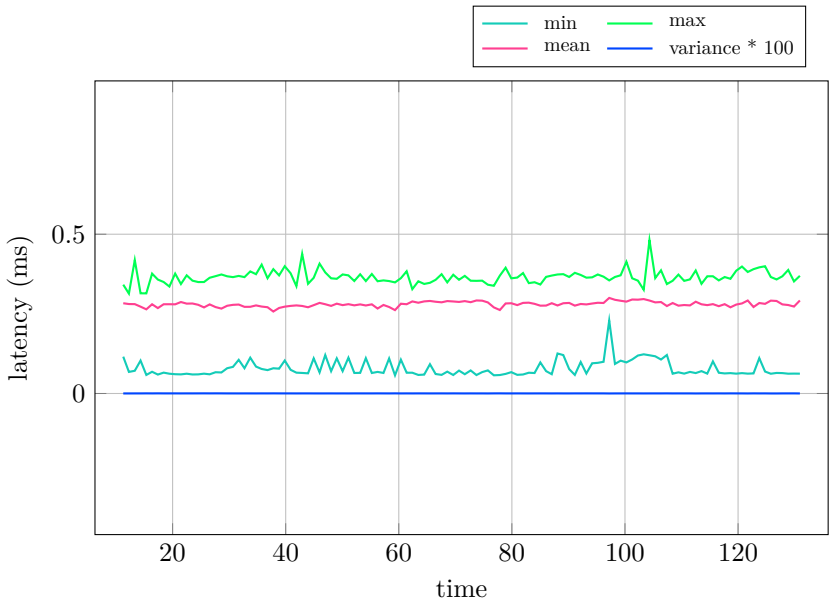
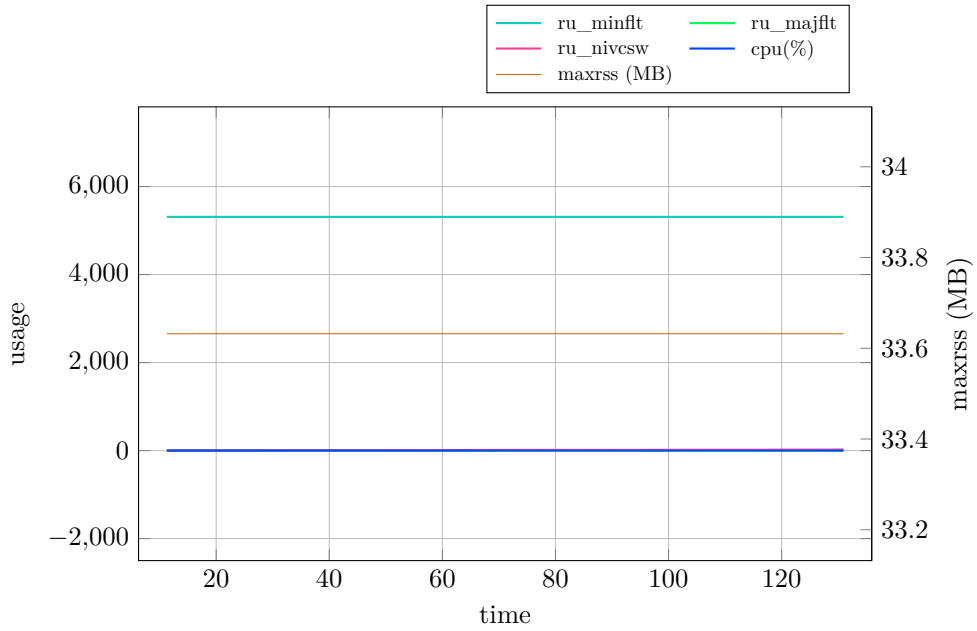
Performance

Logfile name	log_test_topic_29-11-2020_11-42-45
Experiment id	035dee0f-1981-4c49-b93d-b225cd5739d9
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	1.0225
received	247.4237
sent	49.5169
lost	0.0
relative_loss	0.0
data_received	132008.2627
latency_min (ms)	0.0784
latency_max (ms)	0.3659
latency_mean (ms)	0.2803
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4366
pub_loop_res_max (ms)	19.8852
pub_loop_res_mean (ms)	19.5431
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 (%)	0.684

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
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