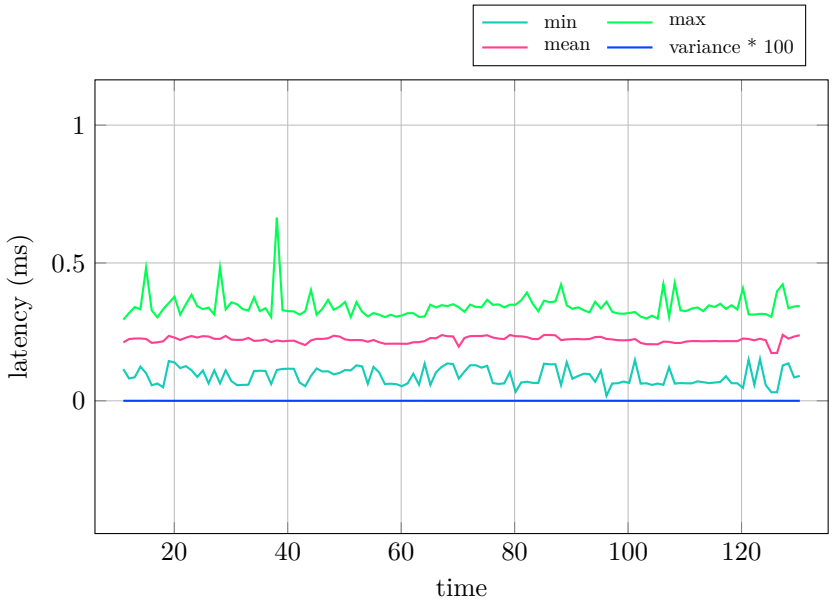
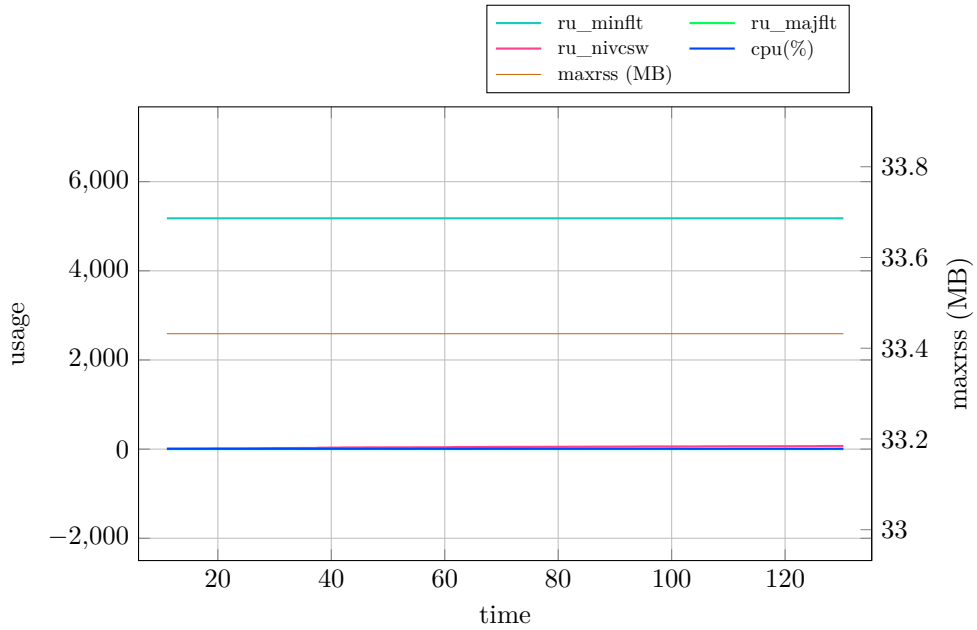
Performance

Logfile name	log_test_topic_01-12-2020_21-16-24
Experiment id	665aed40-5dad-4b1f-9c54-e685acf496a4
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	4997.5583
sent	999.525
lost	0.0
relative_loss	0.0
data_received	159997.2167
latency_min (ms)	0.0887
latency_max (ms)	0.3428
latency_mean (ms)	0.2214
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7942
pub_loop_res_max (ms)	0.9204
pub_loop_res_mean (ms)	0.8589
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 (%)	8.5211

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
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