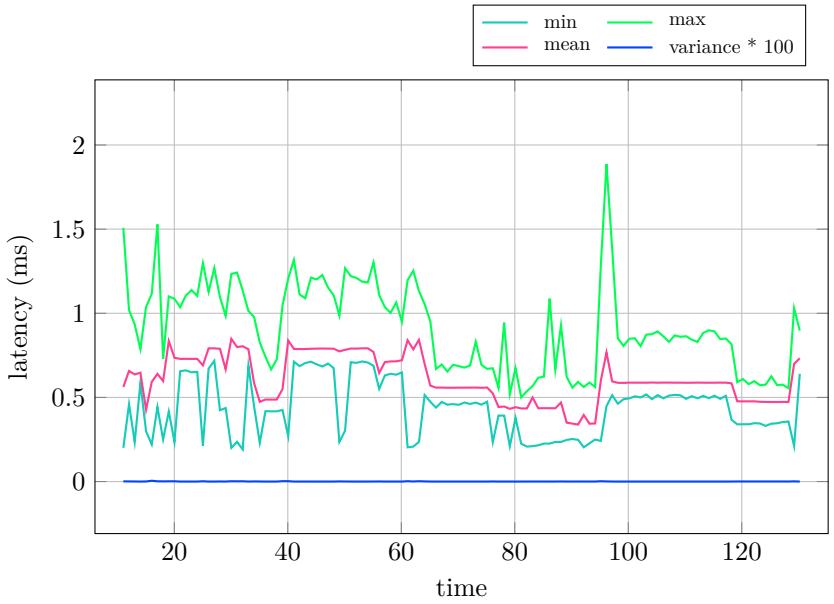
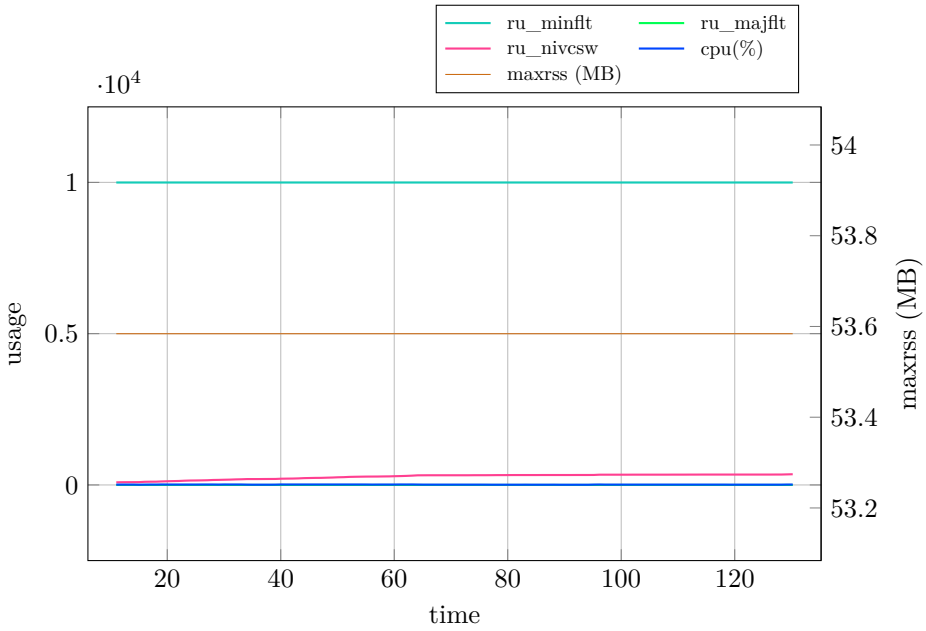
Performance

Logfile name	log_test_topic_27-11-2020_15-13-41
Experiment id	0e68ae42-72a7-469e-b903-da5f08a1cd26
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	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0015
received	2998.6167
sent	999.5583
lost	0.0
relative_loss	0.0
data_received	203182838.75
latency_min (ms)	0.4338
latency_max (ms)	0.9164
latency_mean (ms)	0.61
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5576
pub_loop_res_max (ms)	0.7703
pub_loop_res_mean (ms)	0.6657
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 (%)	11.1603

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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