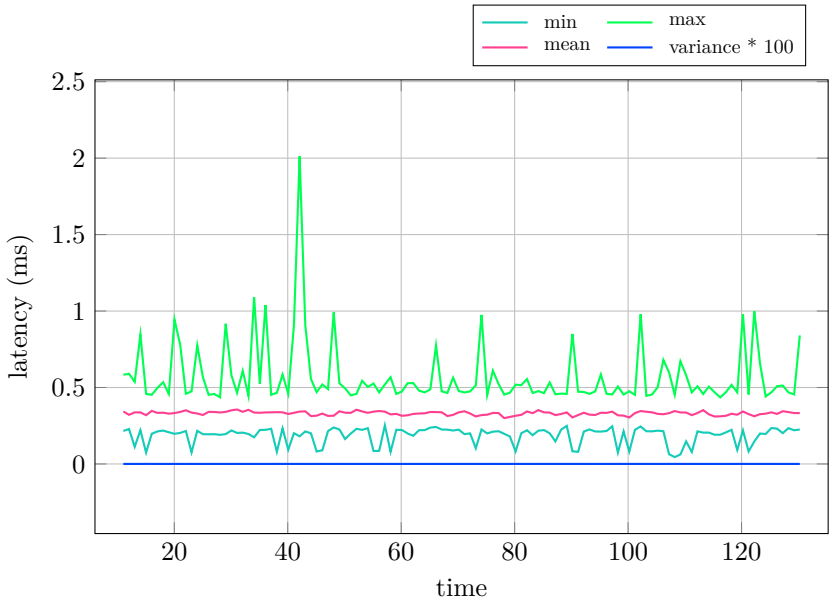
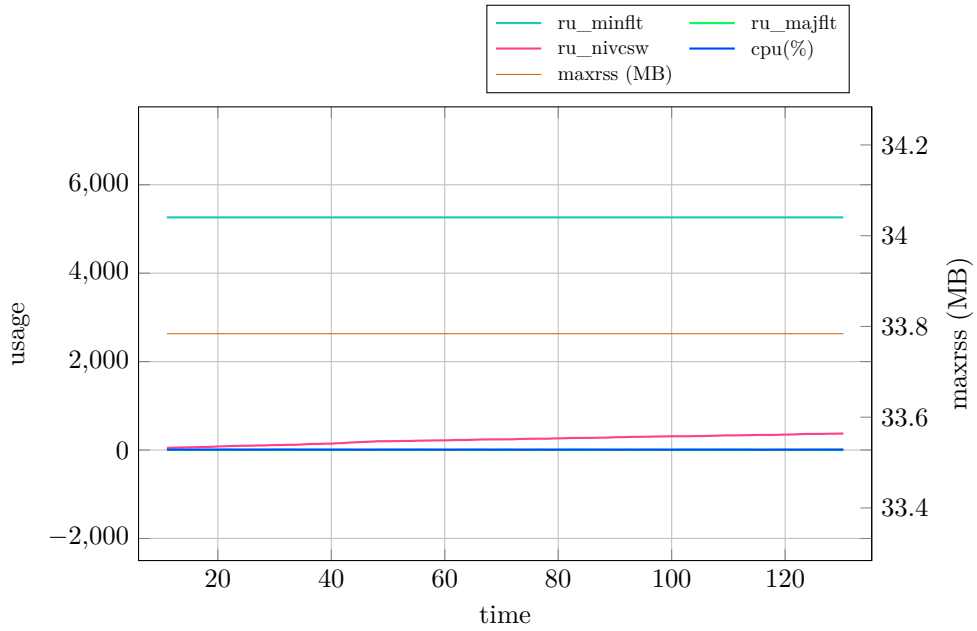
Performance

Logfile name	log_test_topic_01-12-2020_21-20-57
Experiment id	5240e9be-5812-4a13-baa5-2c4cc762181d
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	4997.5667
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	42319854.325
latency_min (ms)	0.1871
latency_max (ms)	0.5701
latency_mean (ms)	0.3314
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7426
pub_loop_res_max (ms)	0.8714
pub_loop_res_mean (ms)	0.8105
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 (%)	10.9913

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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