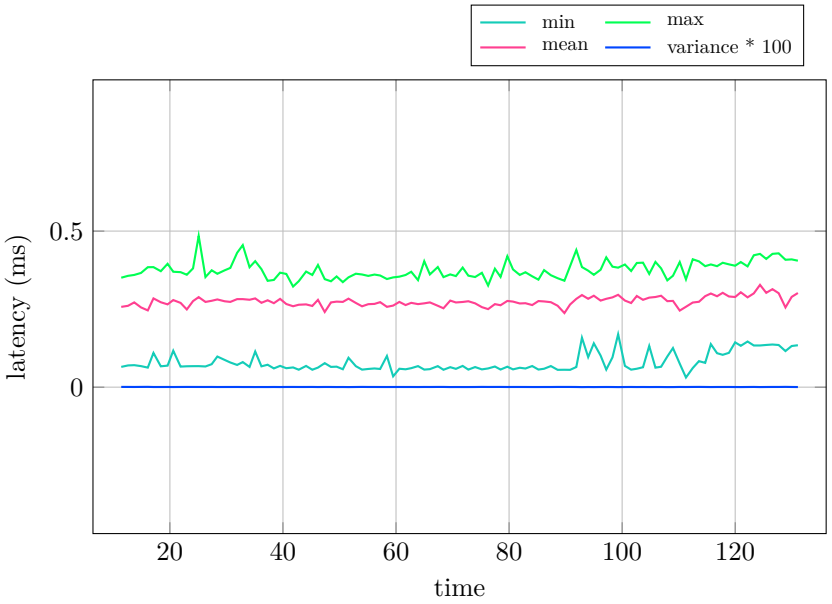
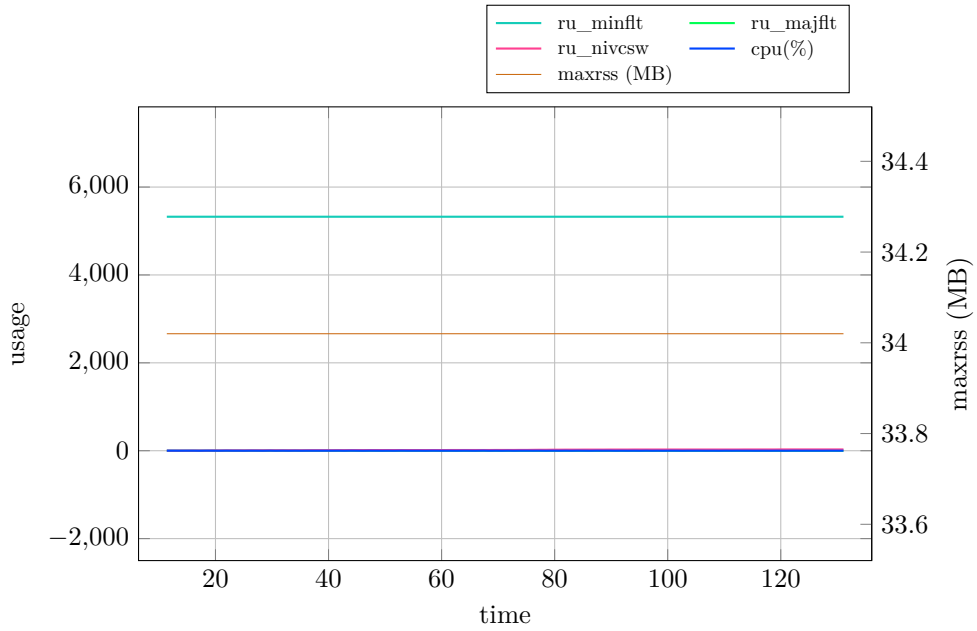
Performance

Logfile name	log_test_topic_30-11-2020_21-02-12
Experiment id	10c56e5d-8efc-4c6a-8b3a-7104d0f2d8ff
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.109
received	47.5138
sent	9.5046
lost	0.0
relative_loss	0.0
data_received	821036.9174
latency_min (ms)	0.0798
latency_max (ms)	0.3762
latency_mean (ms)	0.2749
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.5025
pub_loop_res_max (ms)	99.844
pub_loop_res_mean (ms)	99.5752
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 (%)	0.8699

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array16k
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