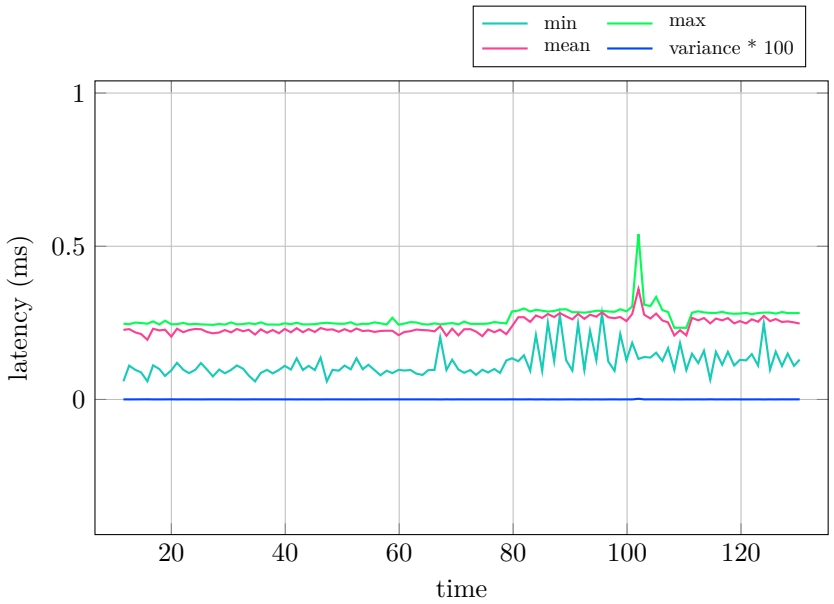
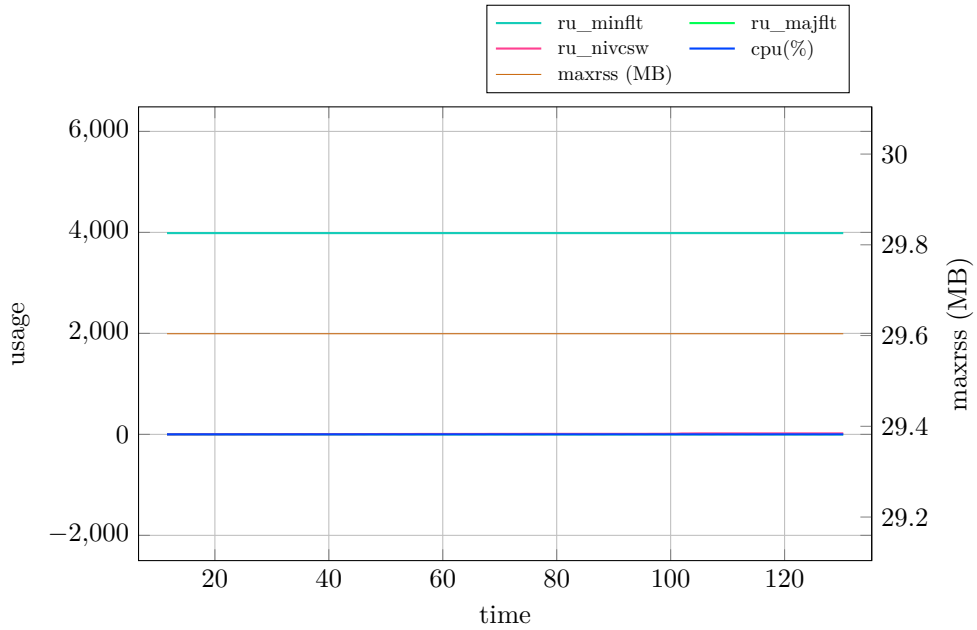
Performance

Logfile name	log_test_topic_30-11-2020_19-33-02
Experiment id	f2110ab0-bfbd-4a4b-bc47-02065a2da4a1
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0507
received	9.5088
sent	9.5088
lost	0.0
relative_loss	0.0
data_received	164715.307
latency_min (ms)	0.1185
latency_max (ms)	0.266
latency_mean (ms)	0.24
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.5244
pub_loop_res_max (ms)	99.7783
pub_loop_res_mean (ms)	99.5868
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 (%)	0.415

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