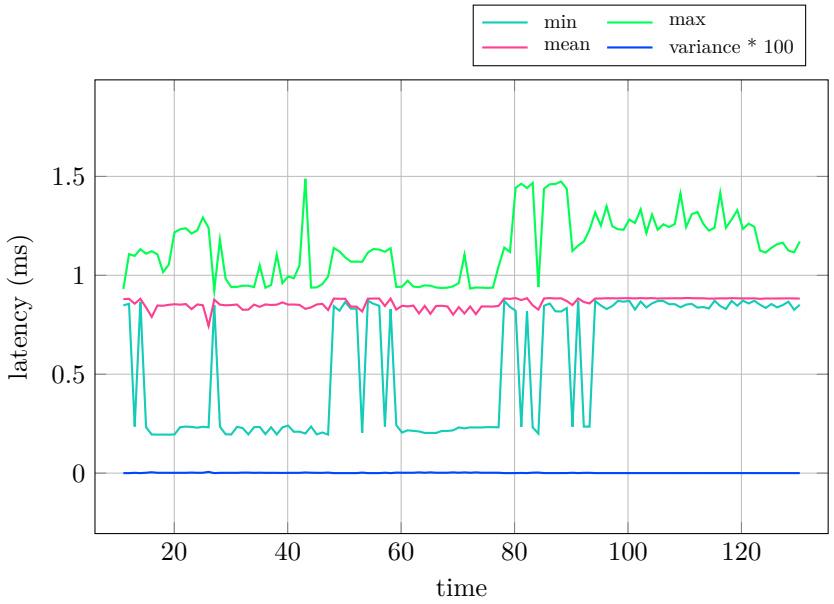
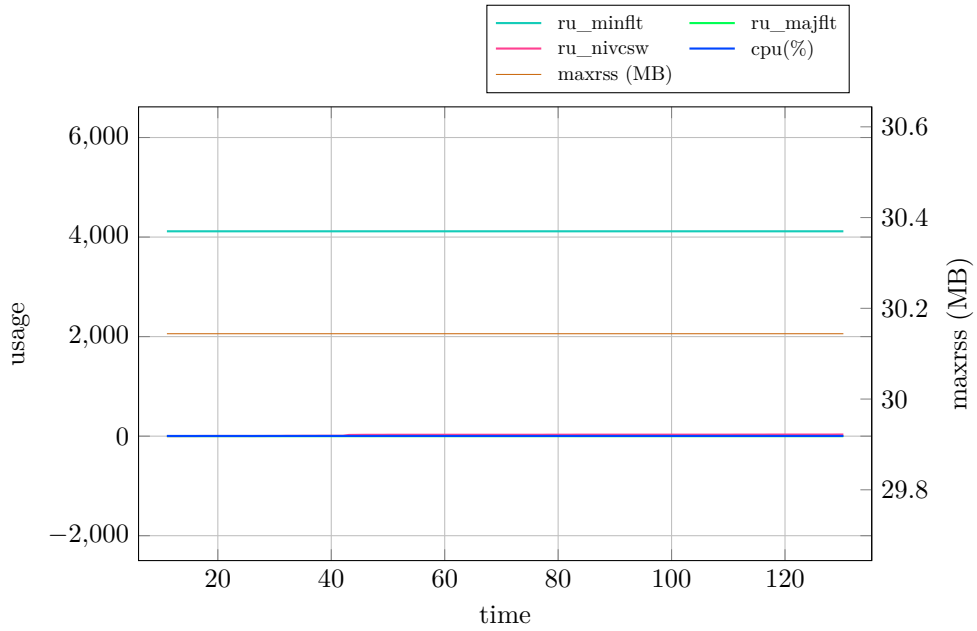
Performance

Logfile name	log_test_topic_01-12-2020_14-04-38
Experiment id	dea43632-d17c-4f3c-acd7-13b97b9ec292
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.002
received	499.4167
sent	499.5417
lost	0.1167
relative_loss	0.0002
data_received	33855768.1583
latency_min (ms)	0.5339
latency_max (ms)	1.1414
latency_mean (ms)	0.8605
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.2737
pub_loop_res_max (ms)	1.6919
pub_loop_res_mean (ms)	1.5118
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 (%)	3.9569

environment

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