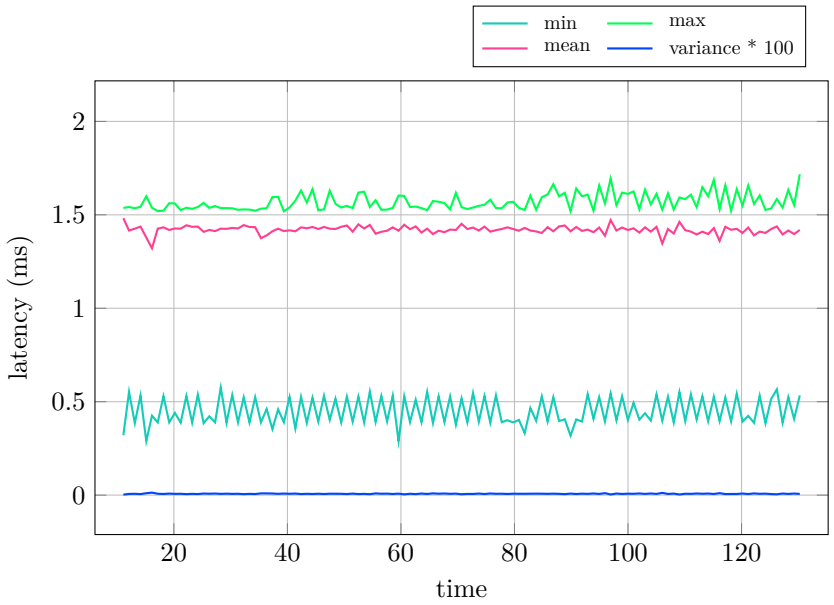
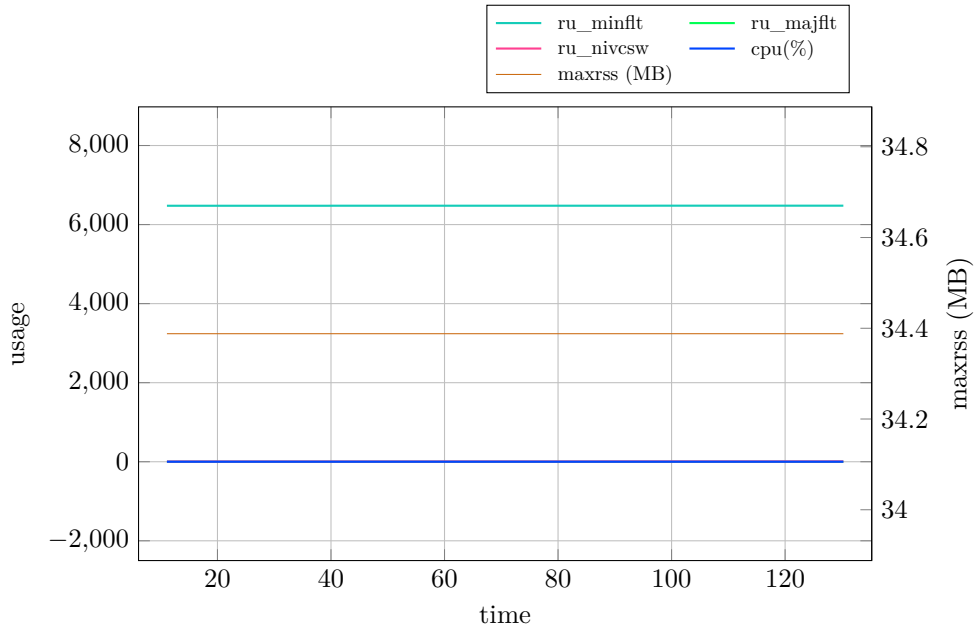
Performance

Logfile name	log_test_topic_01-12-2020_07-18-34
Experiment id	1419b4b4-e03b-480e-8e81-28293cedefc9
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
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	1.0097
received	49.4958
sent	49.4958
lost	0.0
relative_loss	0.0
data_received	104873388.0336
latency_min (ms)	0.4484
latency_max (ms)	1.5694
latency_mean (ms)	1.4201
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	18.8119
pub_loop_res_max (ms)	19.6879
pub_loop_res_mean (ms)	18.9592
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 (%)	0.7199

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0