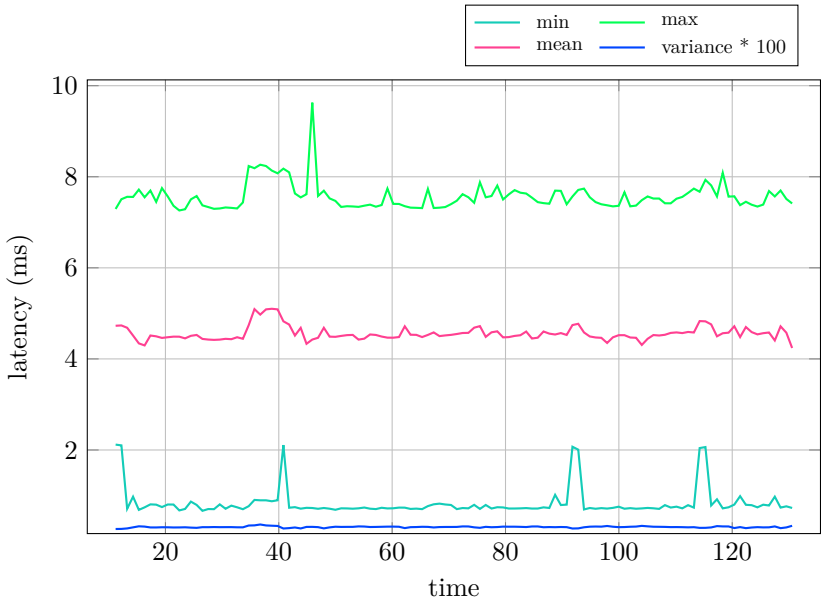
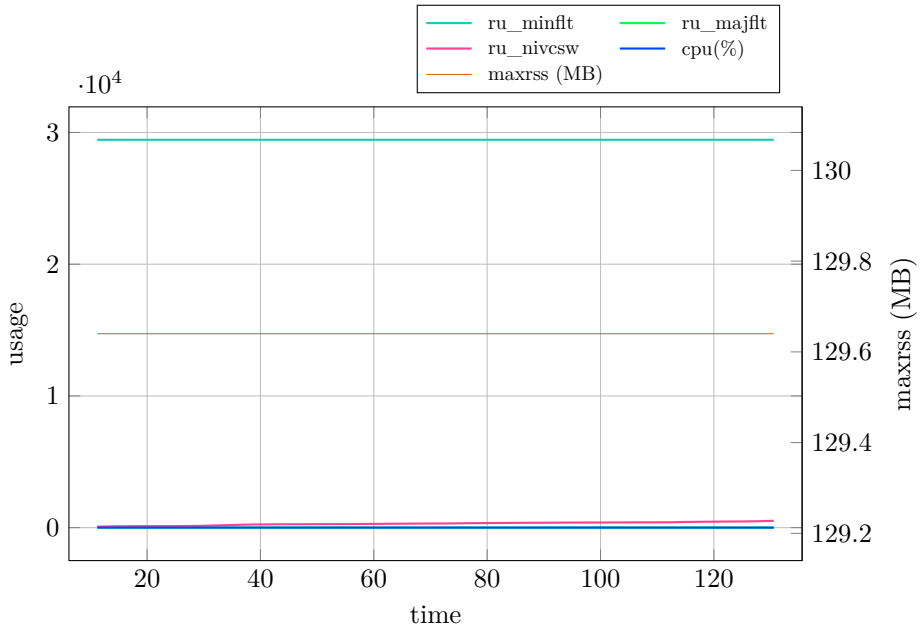
Performance

Logfile name	log_test_topic_01-12-2020_12-12-53
Experiment id	7436e995-856b-4857-aa4b-8dc0564679ef
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.02
received	494.9407
sent	49.5169
lost	0.0
relative_loss	0.0
data_received	1048609381.8898
latency_min (ms)	0.8348
latency_max (ms)	7.5688
latency_mean (ms)	4.5591
latency_variance (ms)	0.0031
pub_loop_res_min (ms)	18.7992
pub_loop_res_max (ms)	19.6237
pub_loop_res_mean (ms)	18.9733
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 (%)	6.6681

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0