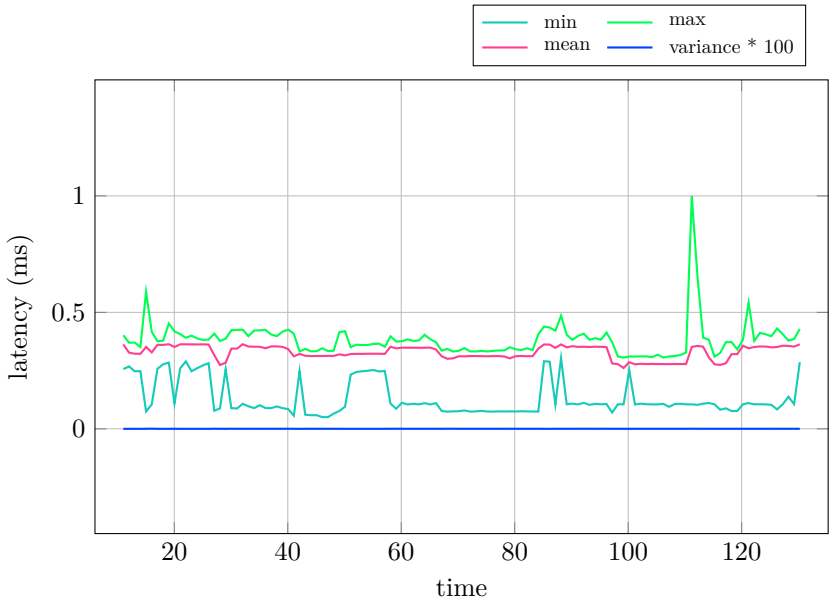
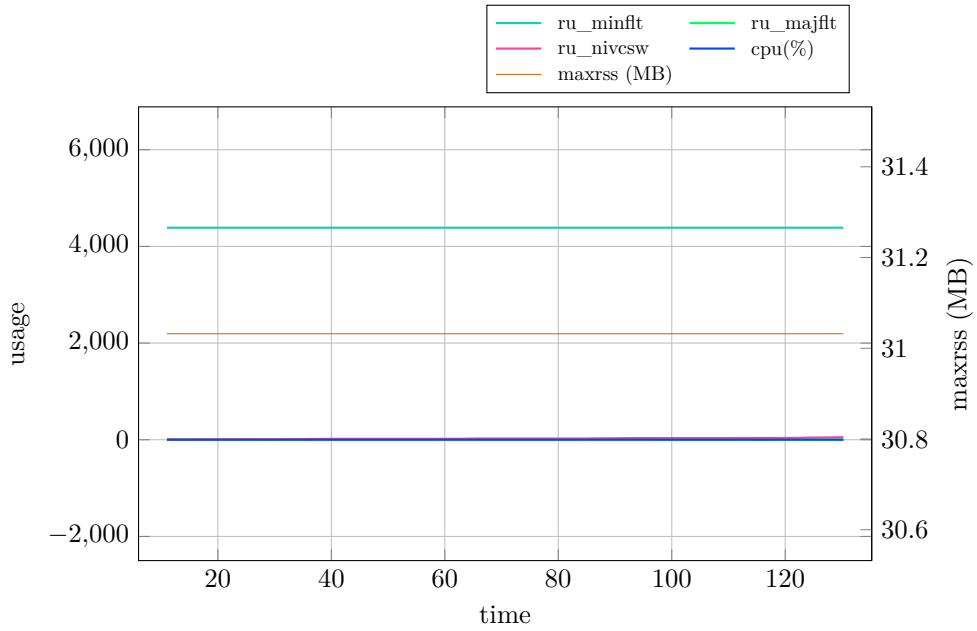
Performance

Logfile name	log_test_topic_29-11-2020_17-44-43
Experiment id	66de8a8a-19b8-4ee4-9f64-85335d541644
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	1.0016
received	499.525
sent	499.525
lost	0.0
relative_loss	0.0
data_received	4231997.2417
latency_min (ms)	0.1304
latency_max (ms)	0.3835
latency_mean (ms)	0.3281
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.6349
pub_loop_res_max (ms)	1.8801
pub_loop_res_mean (ms)	1.6742
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 (%)	1.8583

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0