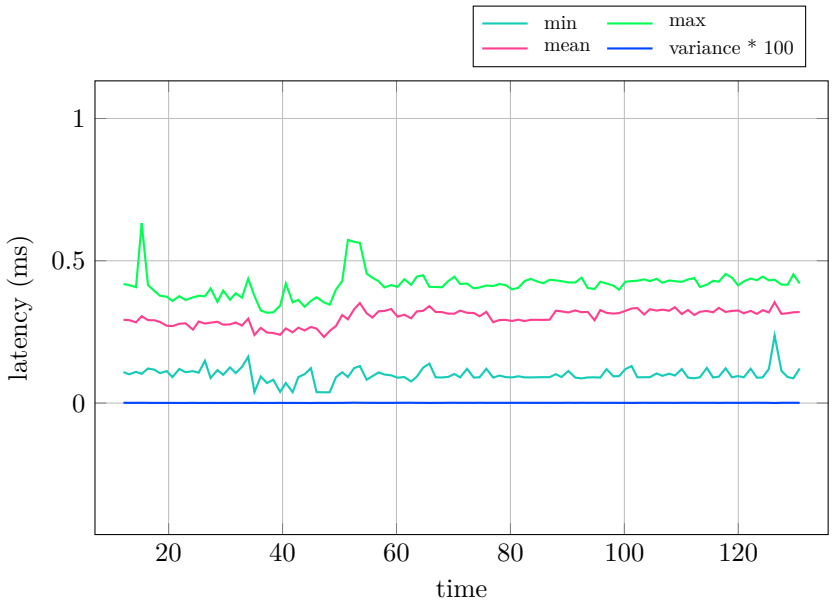
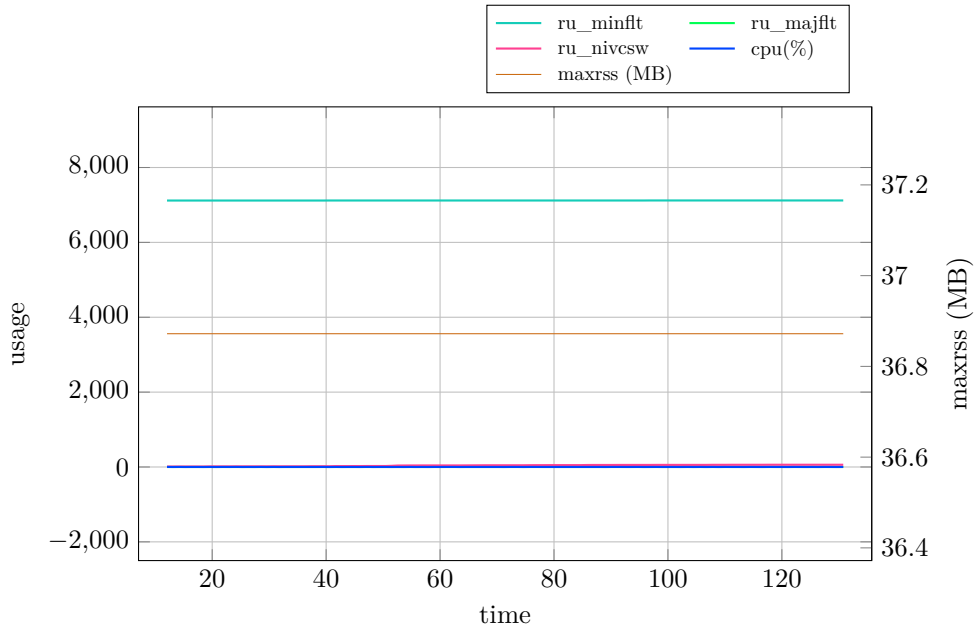
Performance

Logfile name	log_test_topic_28-11-2020_11-27-35
Experiment id	e852ea8a-bf0a-407c-b7b8-7d9030c1b2ea
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.1007
received	47.6881
sent	9.5046
lost	0.0
relative_loss	0.0
data_received	423776.2569
latency_min (ms)	0.0994
latency_max (ms)	0.4147
latency_mean (ms)	0.3019
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4563
pub_loop_res_max (ms)	99.8266
pub_loop_res_mean (ms)	99.5402
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 (%)	0.8667

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0