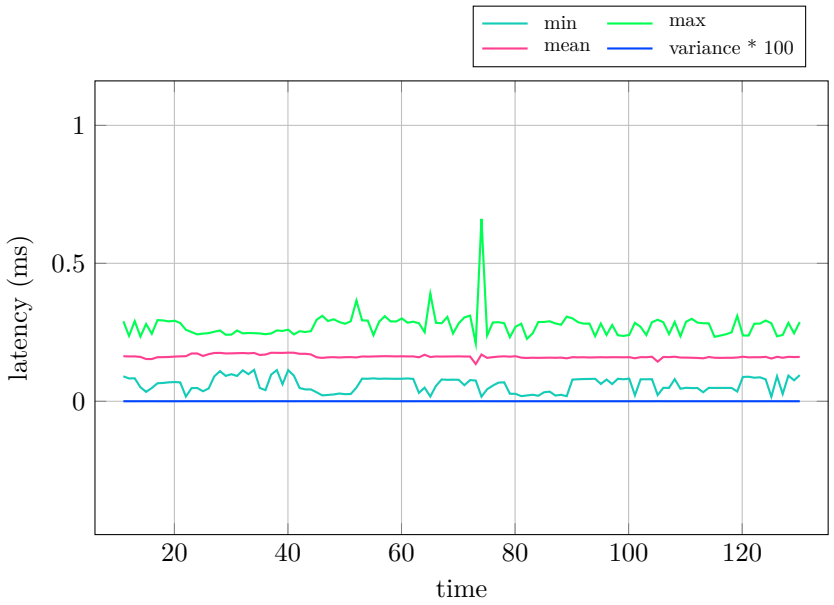
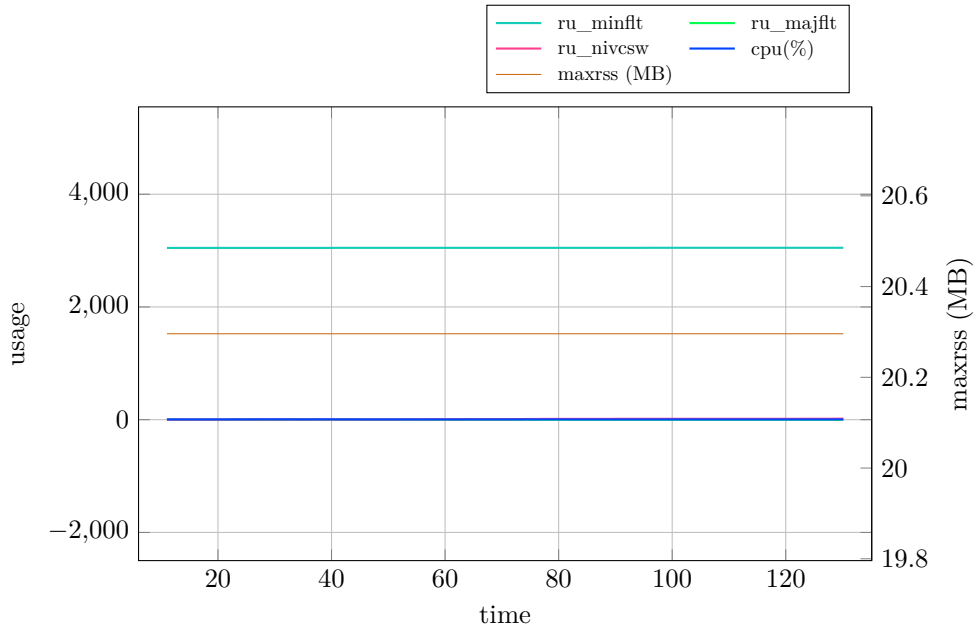
Performance

Logfile name	log_test_topic_27-11-2020_14-09-55
Experiment id	8426936c-e852-47e7-bb42-742ccd5c8d3a
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0008
received	2998.4417
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	12335993.9
latency_min (ms)	0.0609
latency_max (ms)	0.2742
latency_mean (ms)	0.1621
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7364
pub_loop_res_max (ms)	0.9109
pub_loop_res_mean (ms)	0.8278
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 (%)	5.2873

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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