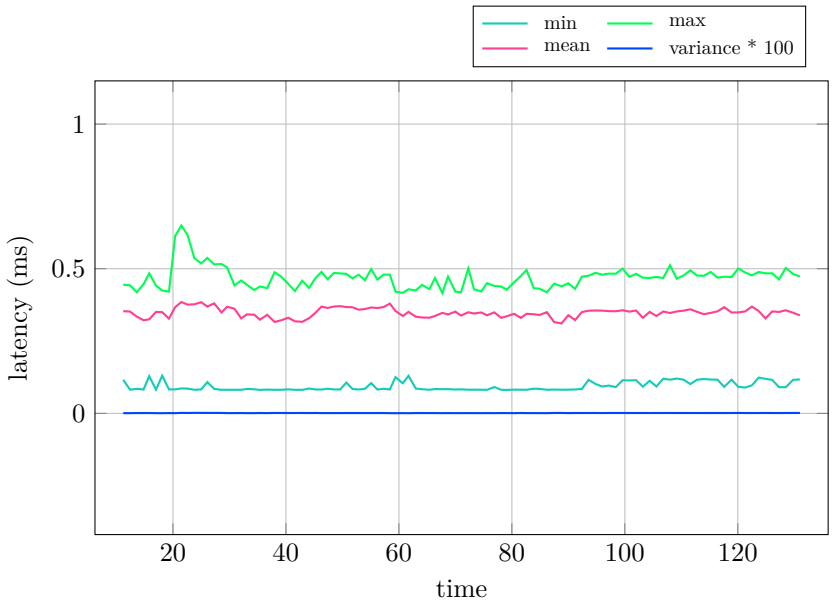
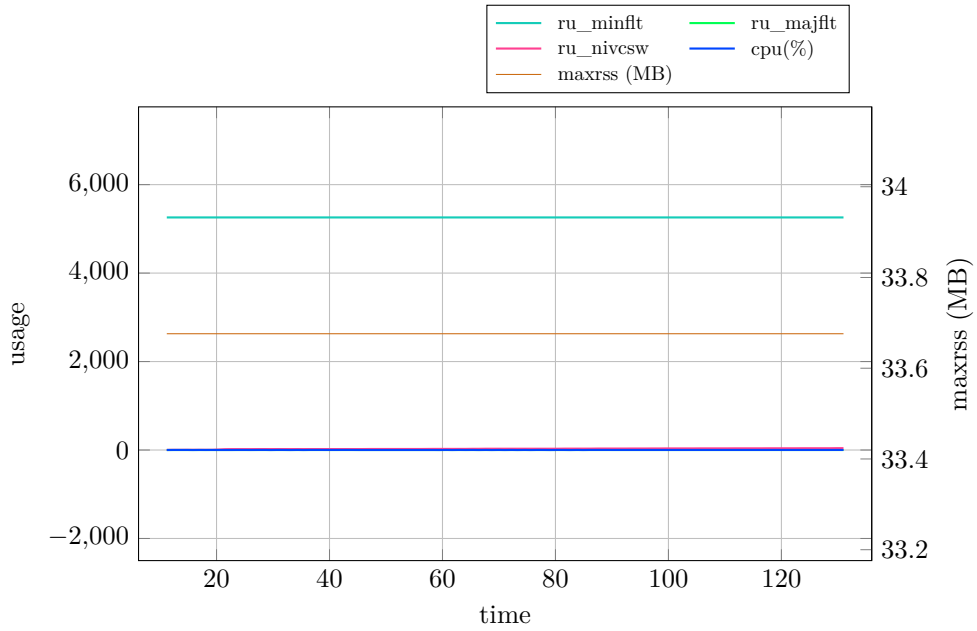
Performance

Logfile name	log_test_topic_30-11-2020_21-18-16
Experiment id	e75924eb-f07f-4537-b9e6-3abba81f29a8
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	1.1726
received	47.5049
sent	9.4951
lost	0.0
relative_loss	0.0
data_received	423592.9612
latency_min (ms)	0.0936
latency_max (ms)	0.4689
latency_mean (ms)	0.3481
latency_variance (ms)	0.0
pub_loop_res_min (ms)	99.4514
pub_loop_res_max (ms)	99.8456
pub_loop_res_mean (ms)	99.5491
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 (%)	1.2945

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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