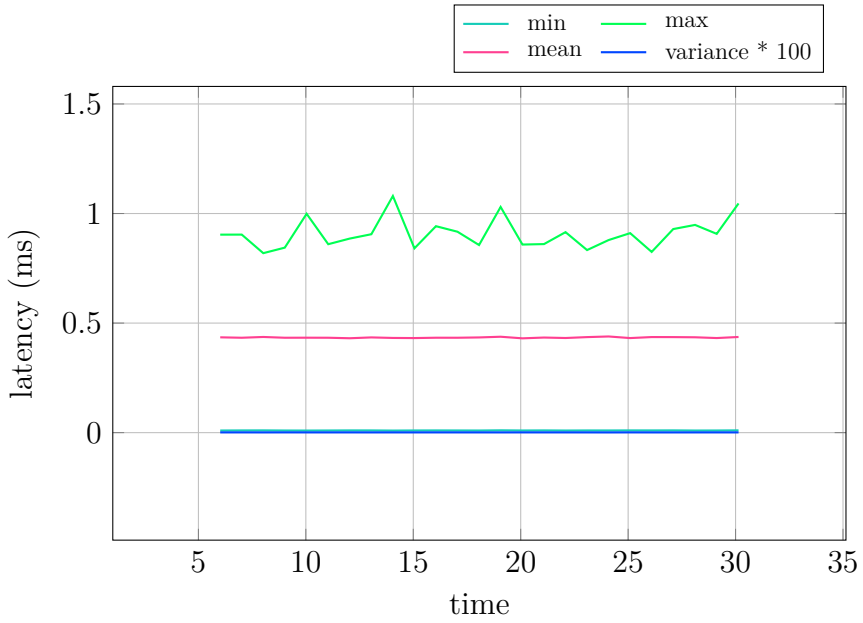
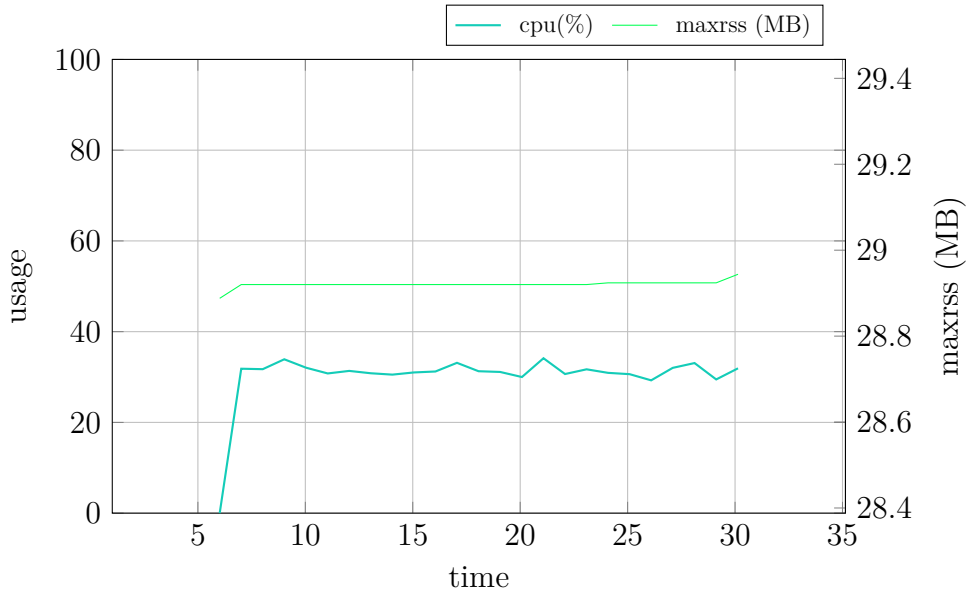
Performance fastrtps

Logfile name	f604fd1f-84b0-485f-ac44-7d5aabe7e676.csv
Experiment id	875a1a2a-5a93-4277-8217-862a82e2e7d0
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	0
Topic name	Array16k
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0049
received	498253.48
sent	260193.76
lost	282341.36
relative_loss	1.0848
data_received	8171382395.84
latency_min (ms)	0.01
latency_max (ms)	0.908
latency_mean (ms)	0.434
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18078.16
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	30.1836
max_ram_usage (MB)	28.94

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0