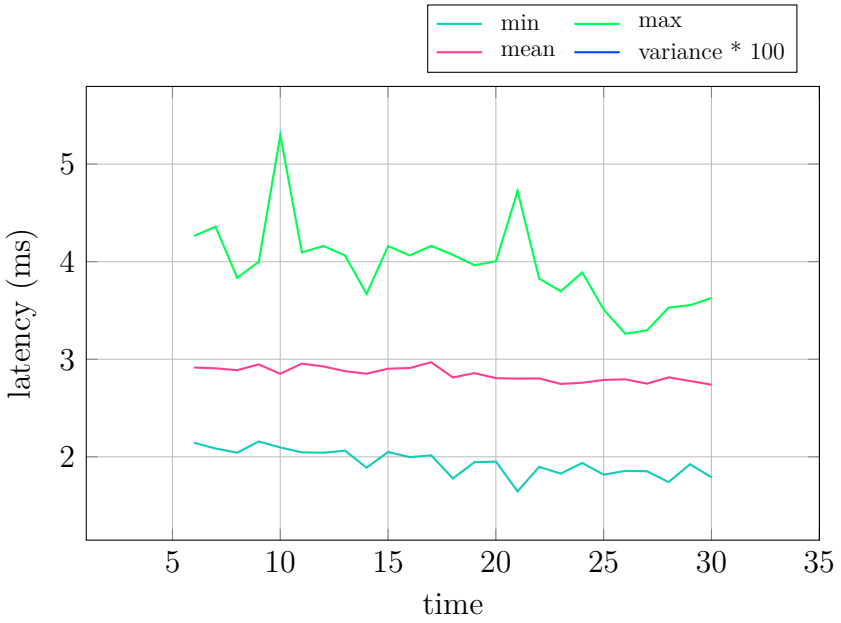
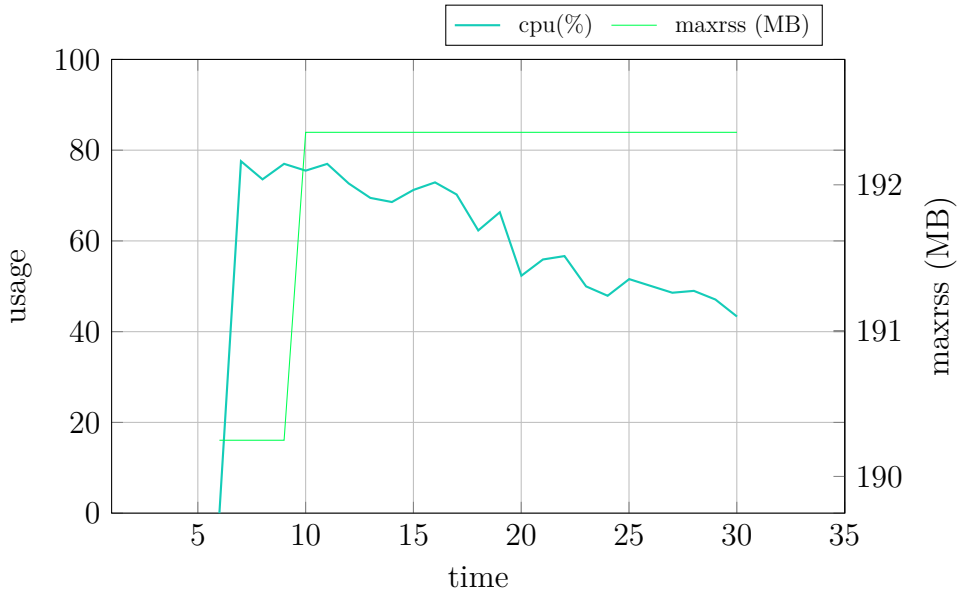
Performance fastrtps

Logfile name	b9cd0036-058f-417f-aa7d-1af5a4ebaf92.csv
Experiment id	3d5d0ead-3f1d-4209-998e-aa3869716fde
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Array2m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	6653.88
sent	665.36
lost	0.0
relative_loss	0.0
data_received	13972080545.24
latency_min (ms)	1.9434
latency_max (ms)	3.963
latency_mean (ms)	2.846
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-18205.32
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612240000000.0
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 (%)	59.4689
max_ram_usage (MB)	192.36

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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