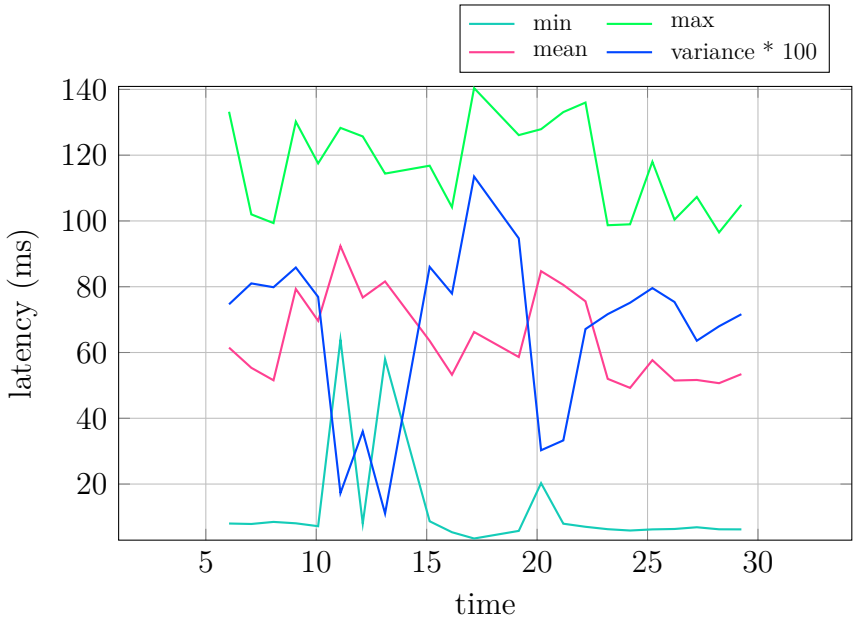
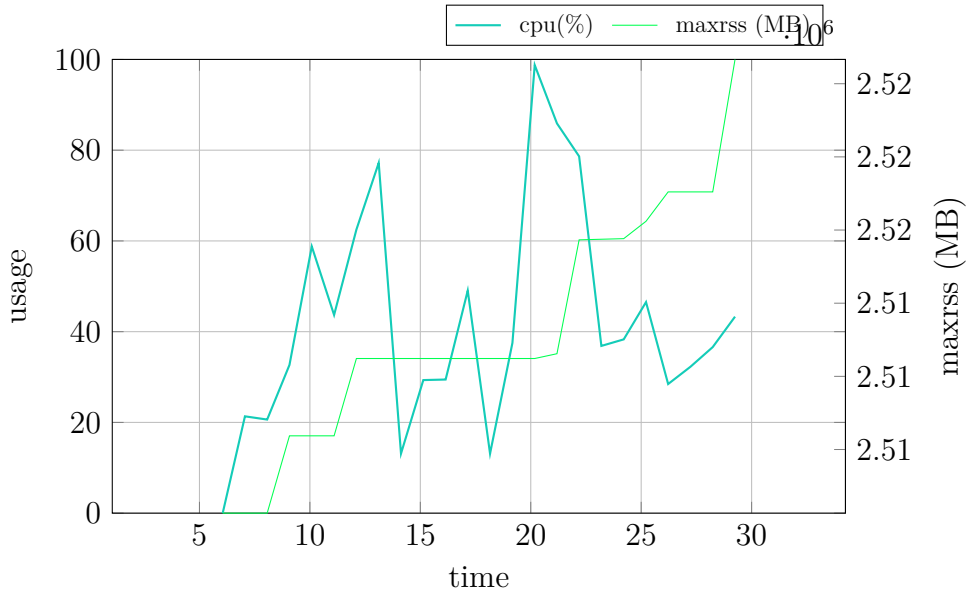
Performance fastrtps

Logfile name	4c4dcb46-cd58-4b67-b8c2-5fcbe87e459f.csv
Experiment id	c265b8d4-97c4-4d10-9bed-99372216dbdb
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
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	1.0085
received	3661.625
sent	9472.2917
lost	94885.5417
relative_loss	9.73
data_received	7688902338.5833
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	64.3923
latency_variance (ms)	0.6683
pub_loop_res_min (ms)	-97421.6667
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611791666666.667
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 (%)	42.2505
max_ram_usage (MB)	2520662.02

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