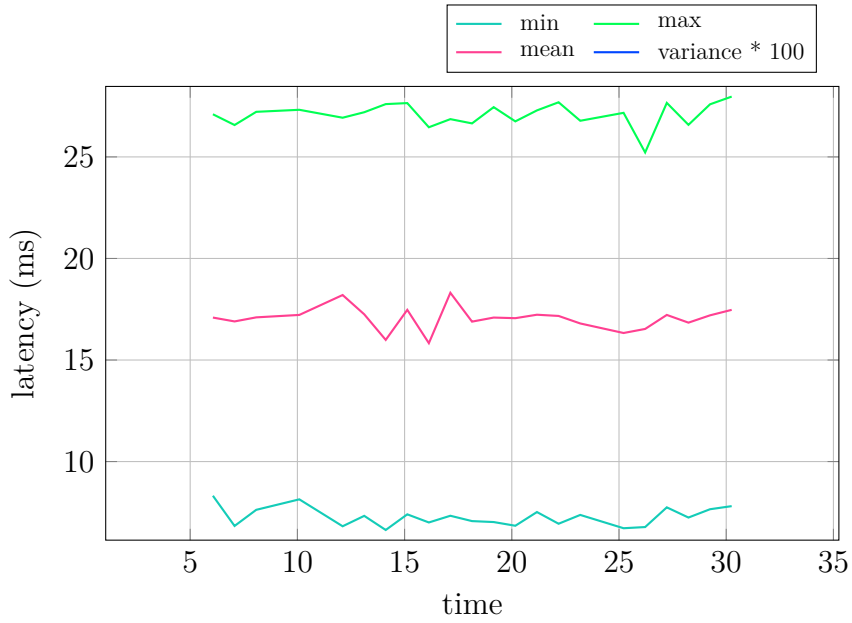
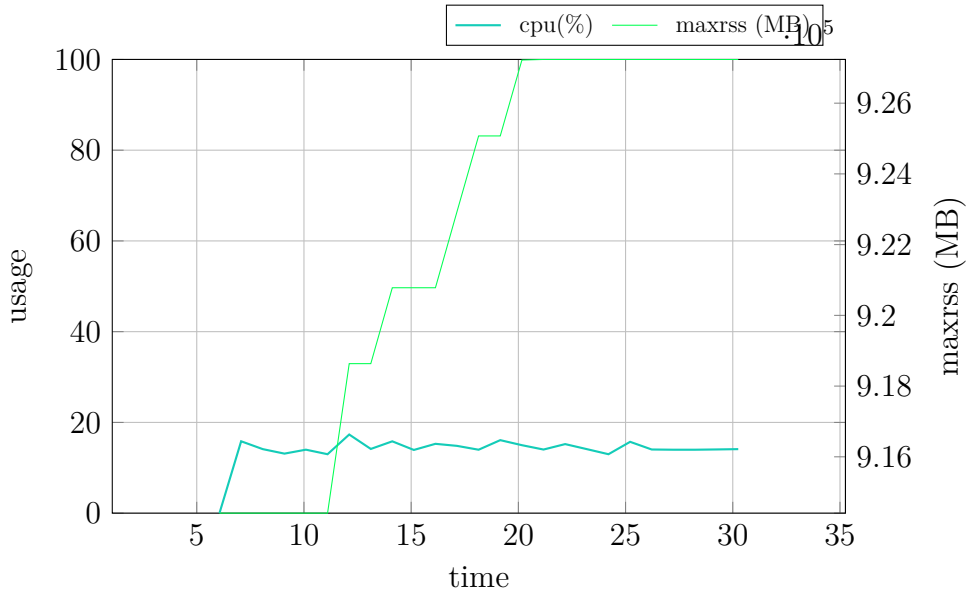
Performance fastrtps

Logfile name	2b6667a8-9511-49b7-a8ee-1fcd0b4d9ffe.csv
Experiment id	252bd30f-601a-4128-9d1b-74898616857f
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0082
received	453.56
sent	14900.72
lost	44878.72
relative_loss	3.0408
data_received	952695907.68
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	17.0541
latency_variance (ms)	0.035
pub_loop_res_min (ms)	-46171.6
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611760000000.0
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 (%)	13.946
max_ram_usage (MB)	927236.1

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