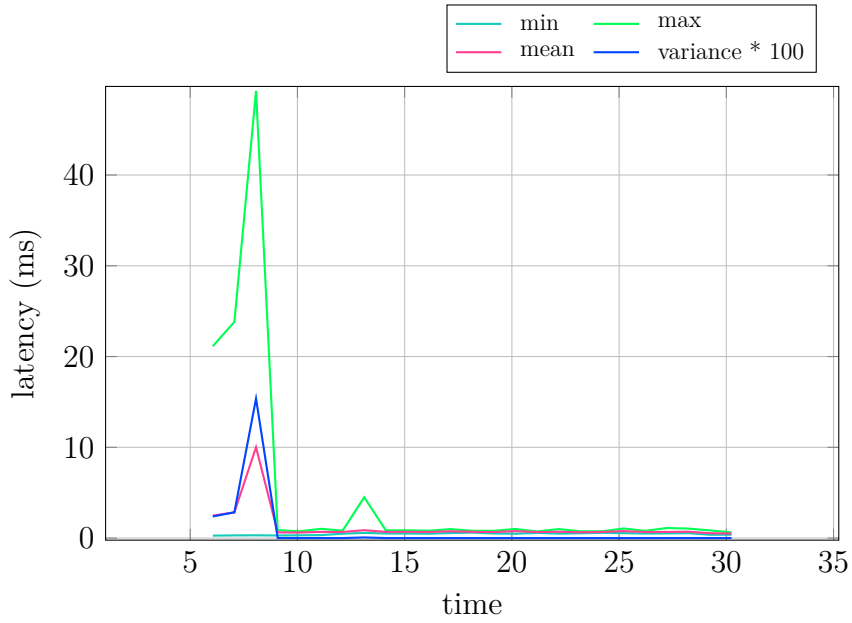
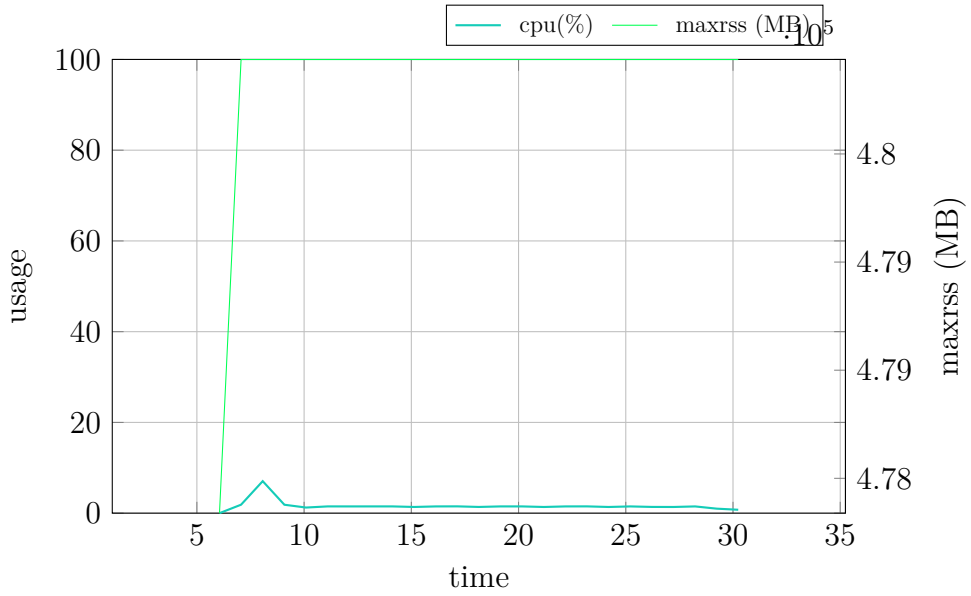
Performance fastrtps

Logfile name	3af4bbd1-b11b-4849-9948-4dc7f02283bf.csv
Experiment id	64fbf2e1-3c8b-4f26-b54f-478623a60907
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	Array2m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0078
received	19.16
sent	19.16
lost	0.0
relative_loss	0.0
data_received	41943638.96
latency_min (ms)	0.4586
latency_max (ms)	4.678
latency_mean (ms)	1.2076
latency_variance (ms)	0.0083
pub_loop_res_min (ms)	36.3635
pub_loop_res_max (ms)	49.1212
pub_loop_res_mean (ms)	42.58
pub_loop_res_variance (ms)	0.0197
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 (%)	1.5917
max_ram_usage (MB)	479936.51

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