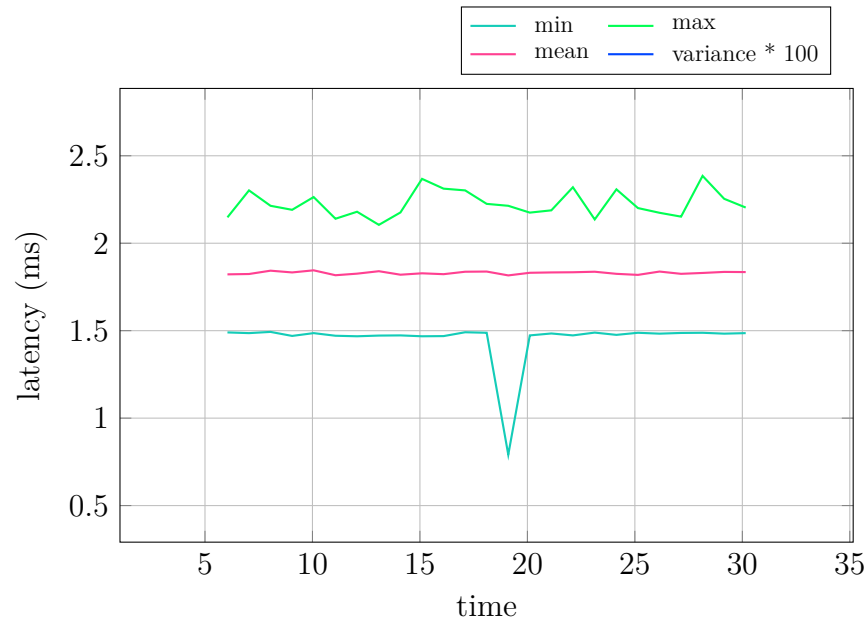
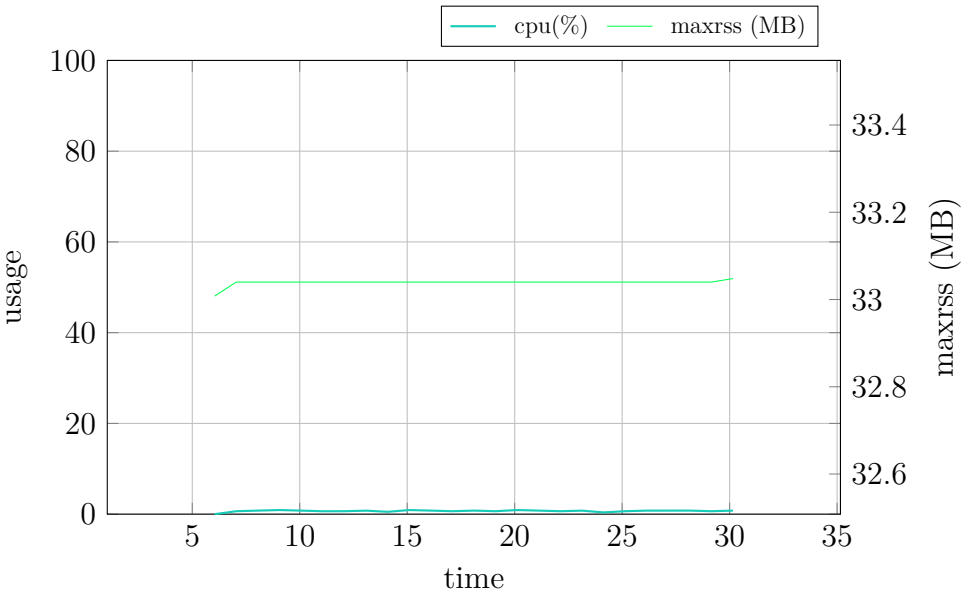


Performance fastrtps

Logfile name	6df6cc37-0705-47a5-a16d-67006ab72541.csv
Experiment id	cf925c27-8034-499a-b1f3-d83cb6eced83
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
Topic name	Struct32k
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	1.0045
received	499.48
sent	499.44
lost	0.0
relative_loss	0.0
data_received	33863380.68
latency_min (ms)	1.453
latency_max (ms)	2.2255
latency_mean (ms)	1.8302
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-12.9192
pub_loop_res_max (ms)	1.7534
pub_loop_res_mean (ms)	-5.283
pub_loop_res_variance (ms)	0.0164
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 (%)	0.6948
max_ram_usage (MB)	33.05

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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