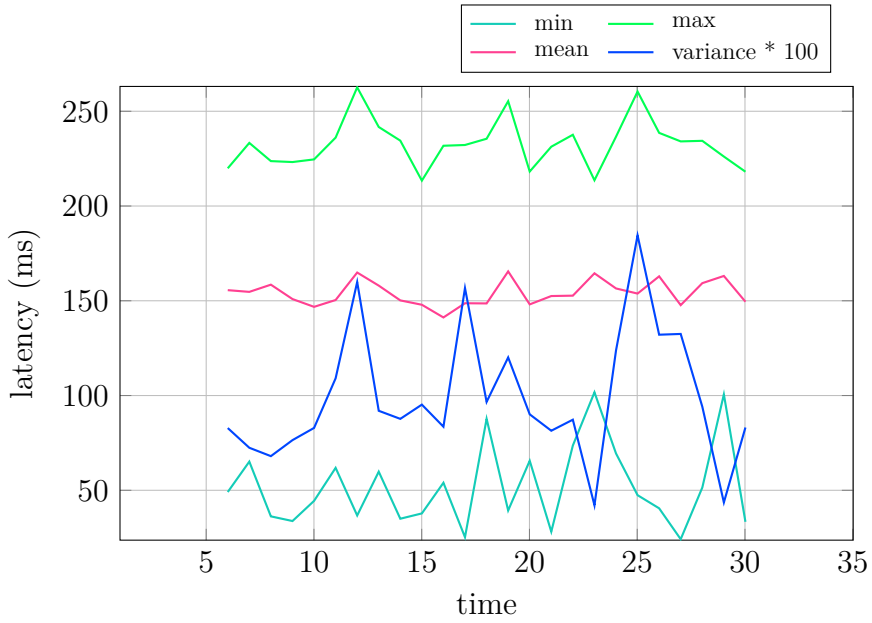
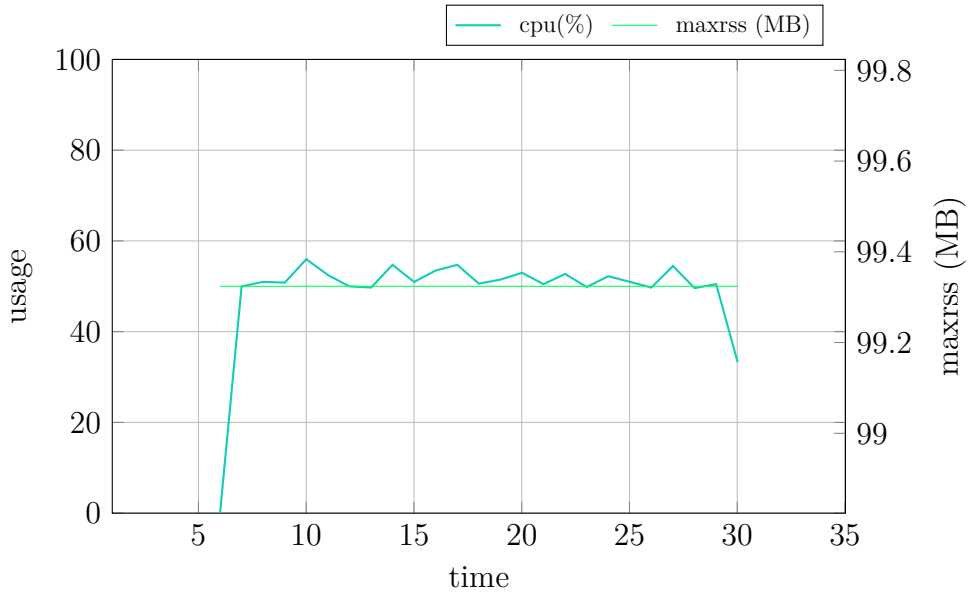
Performance fastrtps

Logfile name	ed0e9839-bbdd-4f68-a998-38f495b16e43.csv
Experiment id	007d0c5f-bcb6-43f2-8d17-3cc609677a8b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Struct32k
Number of publishers	0
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0003
received	4760.56
sent	0.0
lost	1156.84
relative_loss	inf
data_received	322951399.64
latency_min (ms)	52.0868
latency_max (ms)	232.672
latency_mean (ms)	154.1
latency_variance (ms)	0.9912
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
pub_loop_res_variance (ms)	0.0
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 (%)	48.9072
max_ram_usage (MB)	99.32

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