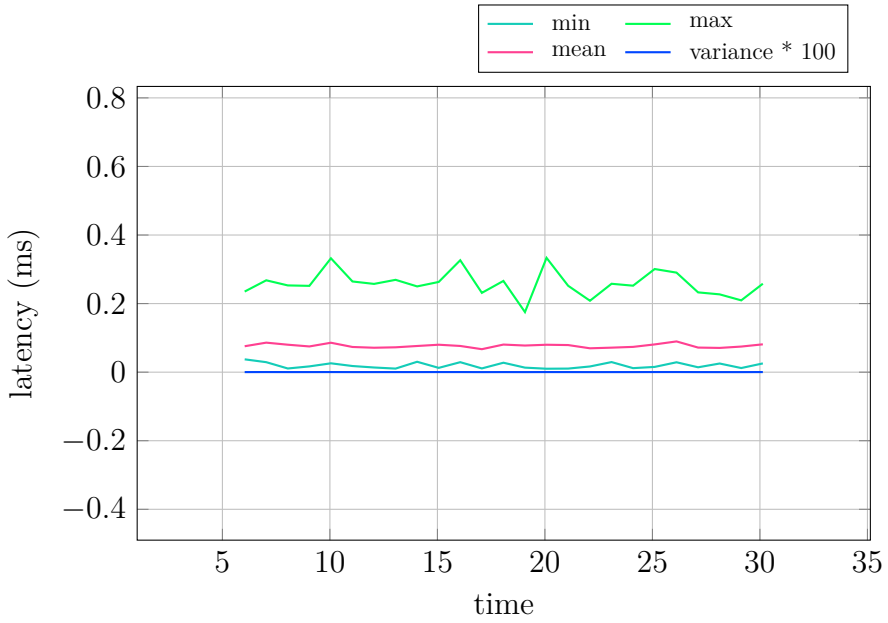
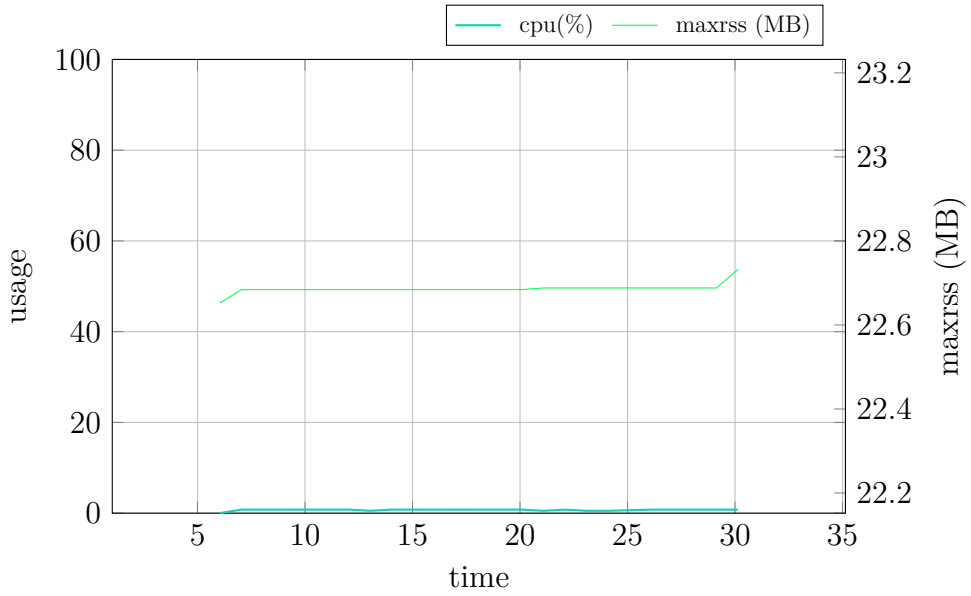
Performance fastrtps

Logfile name	ccb5f4bb-01d0-4ada-a556-9b4625b0fe74.csv
Experiment id	43fd65c4-a4fc-48f5-8bbb-05fa68919a06
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	500
Topic name	Array16k
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	1.004
received	499.52
sent	499.48
lost	0.0
relative_loss	0.0
data_received	8199757.64
latency_min (ms)	0.0194
latency_max (ms)	0.2586
latency_mean (ms)	0.0768
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-14.3672
pub_loop_res_max (ms)	1.9757
pub_loop_res_mean (ms)	-5.8227
pub_loop_res_variance (ms)	0.0205
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 (%)	0.7002
max_ram_usage (MB)	22.73

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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