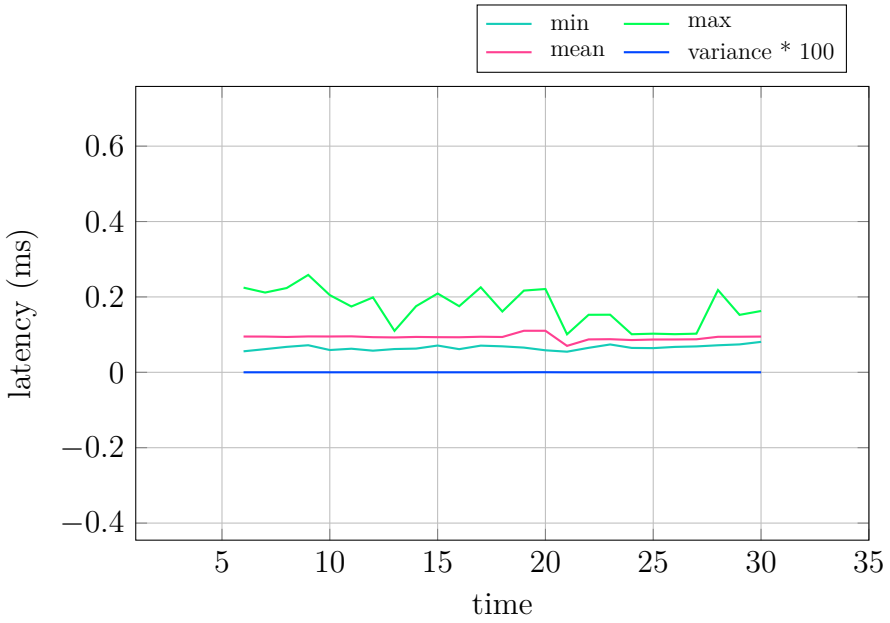
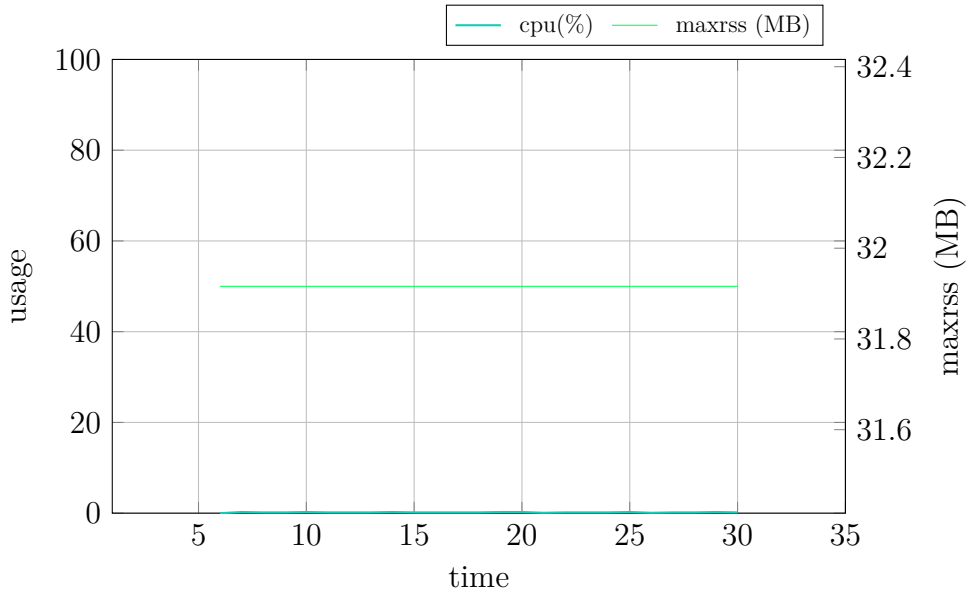
Performance fastrtps

Logfile name	c728f7b2-0cdc-46eb-bb89-b2e1533c2057.csv
Experiment id	09323701-2dd5-4617-a286-b294b4023b91
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Array16k
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	1.0001
received	297.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	4919391.76
latency_min (ms)	0.0657
latency_max (ms)	0.1735
latency_mean (ms)	0.0928
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8959
pub_loop_res_max (ms)	9.9131
pub_loop_res_mean (ms)	9.9013
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 (%)	0.1763
max_ram_usage (MB)	31.92

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