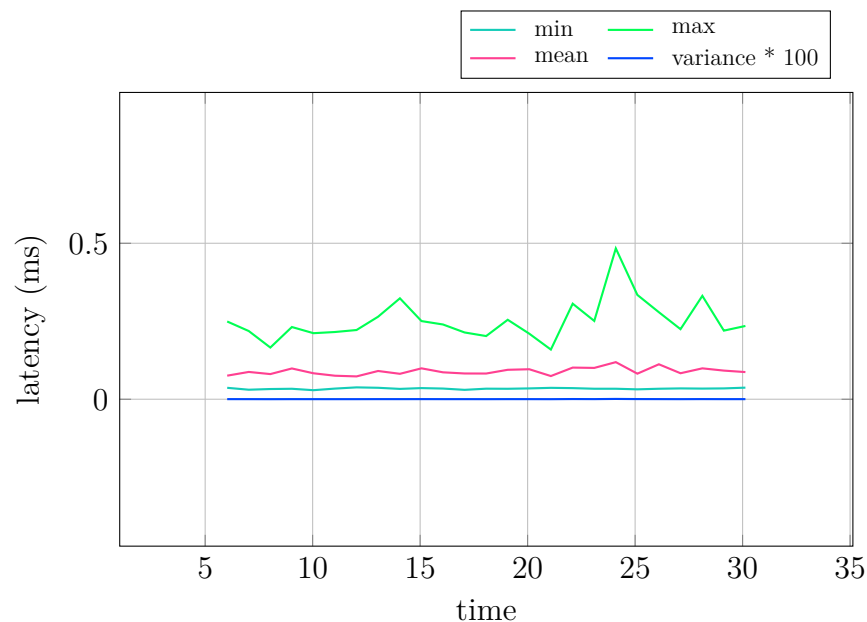
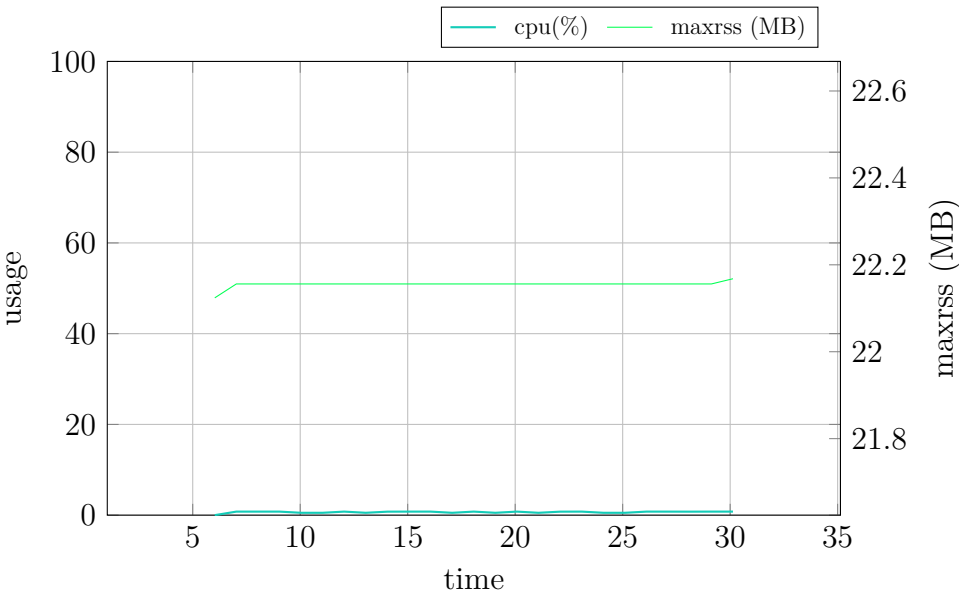


Performance fastrtps

Logfile name	c14256b3-02e2-4f5f-98e6-e24b03ccf94f.csv
Experiment id	93740e98-9efe-4cf1-9765-b9ad0af7c844
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version
Publishing rate
Topic name
Number of publishers
Number of subscribers
Maximum runtime (sec)
DDS domain id
Single participant

20
Struct16
1
3
30
0
-

average results

Experiment Status
T_loop
received
sent
lost
relative_loss
data_received
latency_min (ms)
latency_max (ms)
latency_mean (ms)
latency_variance (ms)
pub_loop_res_min (ms)
pub_loop_res_max (ms)
pub_loop_res_mean (ms)
pub_loop_res_variance (ms)
sub_loop_res_min (ms)
sub_loop_res_max (ms)
sub_loop_res_mean (ms)
sub_loop_res_variance (ms)
cpu_usage (%)
max_ram_usage (MB)

success
1.0044
57.24
19.08
0.0
0.0
1917.72
0.0341
0.2519
0.0895
0.0
34.466
48.366
41.3804
0.0201
0.0
0.0
0.0
0.0
0.6637
22.17

environment

Ignore seconds from beginning
Memory check enabled
Msg name
QOS Durability
QOS History depth
QOS History kind
QOS Reliability
QOS Sync. pub/sub
RMW Implementation
Roundtrip Mode
With security
Zero copy transfer

5
0
Struct16
VOLATILE
100
KEEP_LAST
RELIABLE
0
rmw_fastrtps_cpp
NONE
0
0