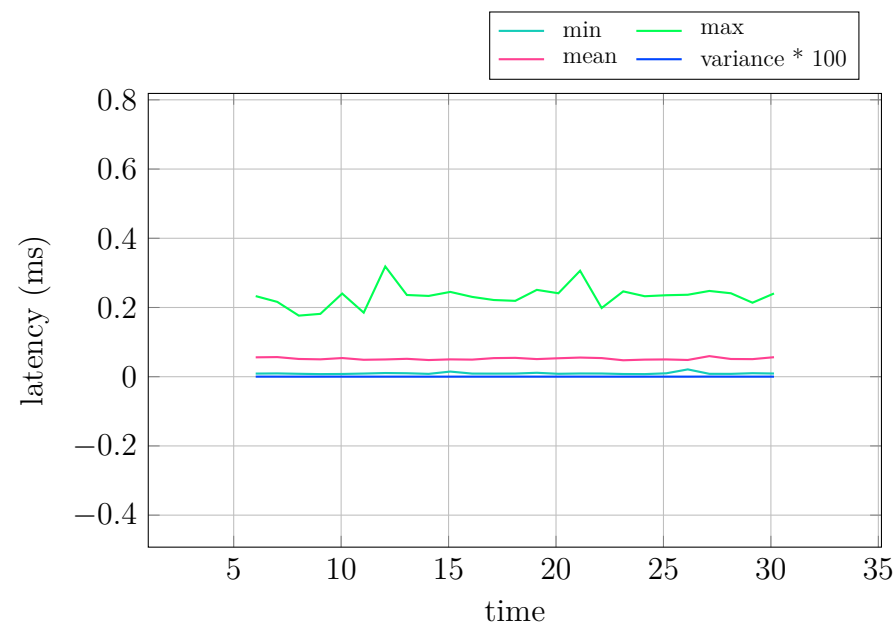
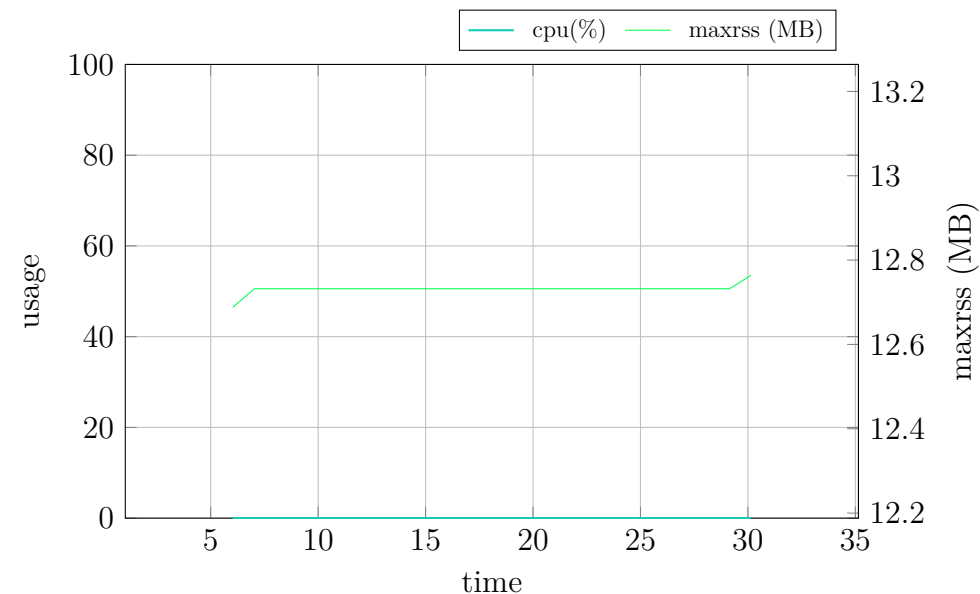


Performance cyclonedds

Logfile name	ee97bfcd-d3b7-42d2-8fa2-5497a728a342.csv
Experiment id	d867a13f-e811-4efc-9df1-a066ad7fa55d
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

100
Array16k

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

1.0049

298.08

99.36

0.0

0.0

4921370.12

0.0097

0.2331

0.052

0.0

-5.9676

9.8138

2.1473

0.0205

0.0

0.0

0.0

0.0

0.0

12.76

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

Array16k

VOLATILE

100

KEEP_LAST

RELIABLE

0

rmw_cyclonedds_cpp

NONE

0

0