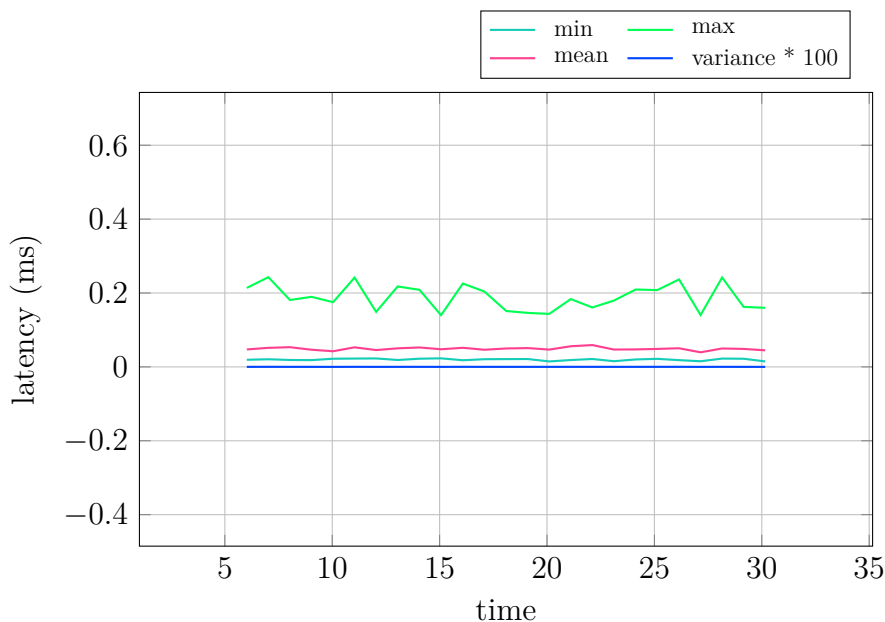
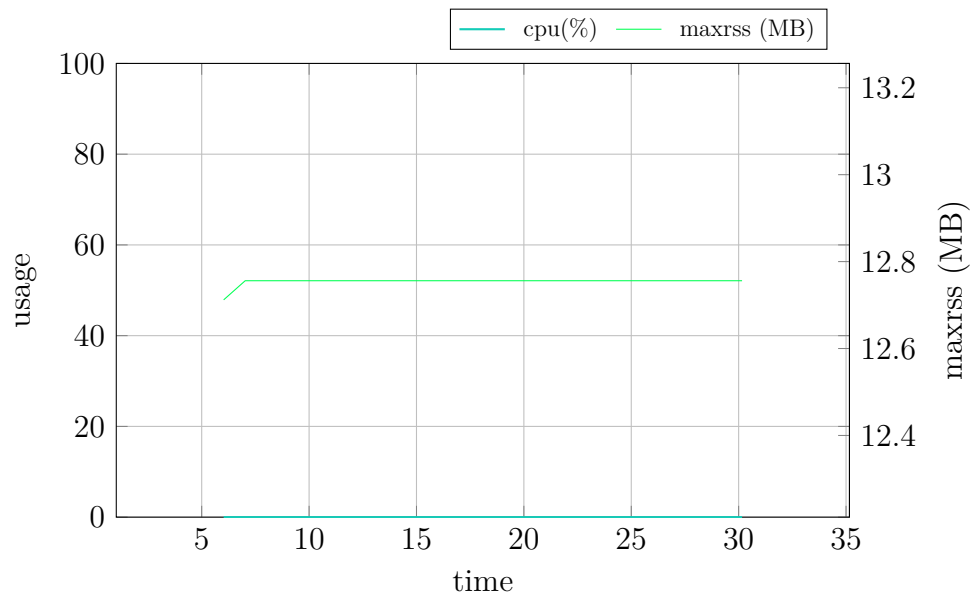


Performance cyclonedds

Logfile name	416cc718-1a66-48a2-bbd5-c36a67698161.csv
Experiment id	be7d171a-b186-48e3-bf03-44465146eb8a
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

1.0055

57.24

19.08

0.0

0.0

1915.56

0.0198

0.1885

0.0491

0.0

34.0848

47.7152

40.8312

0.0202

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

Struct16

VOLATILE

100

KEEP_LAST

RELIABLE

0

rmw_cyclonedds_cpp

NONE

0

0