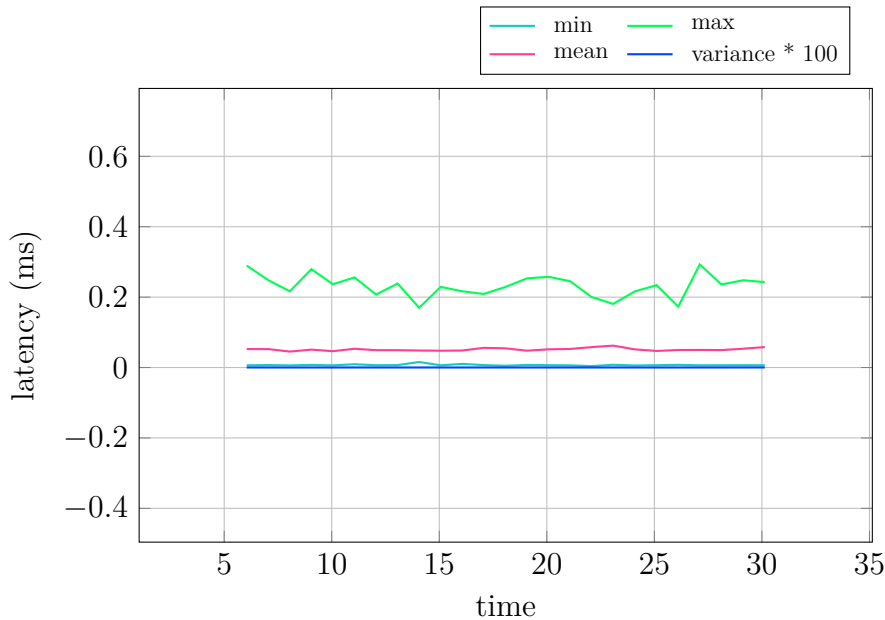
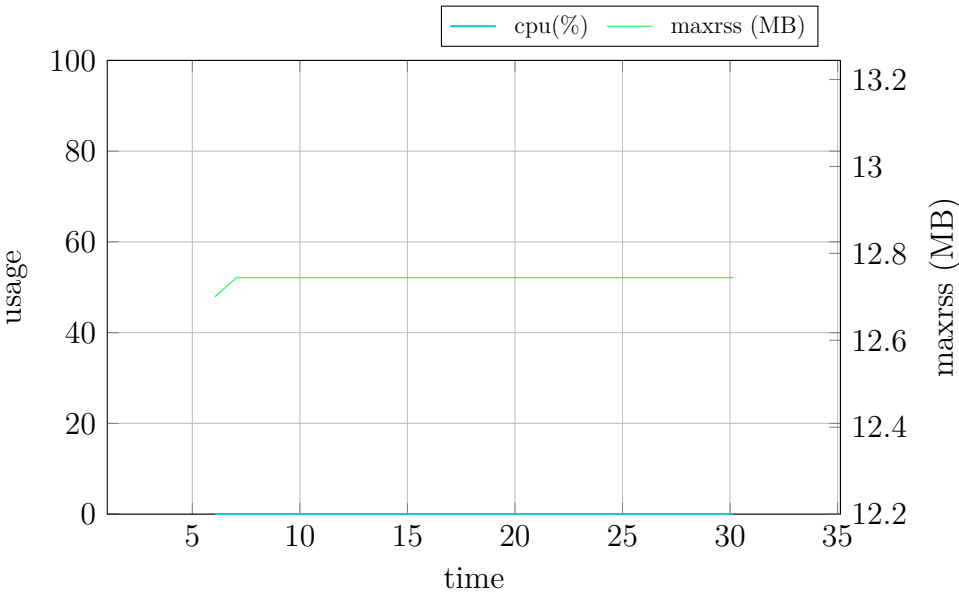


Performance cyclonedds

| | |
|--------------------|--|
| Logfile name | f5ba221d-a0d7-404b-9298-9debf76891ac.csv |
| Experiment id | f3d3a9ee-0533-4f8a-9fa2-c003ff4d1664 |
| 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
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
1.0037
297.84
99.28
0.0
0.0
9597.6
0.0071
0.2322
0.0515
0.0
-5.5416
9.7982
2.1471
0.0204
0.0
0.0
0.0
0.0
0.0
12.74

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