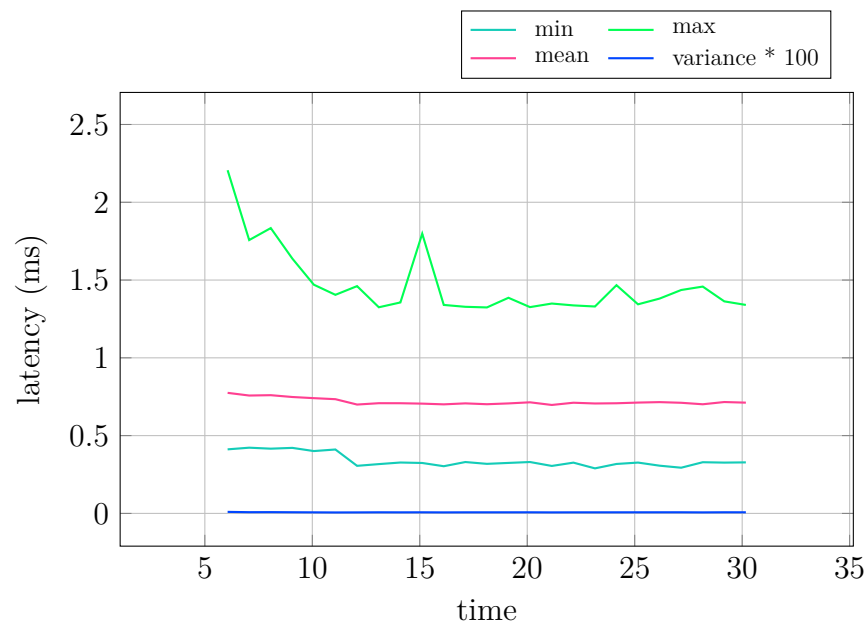
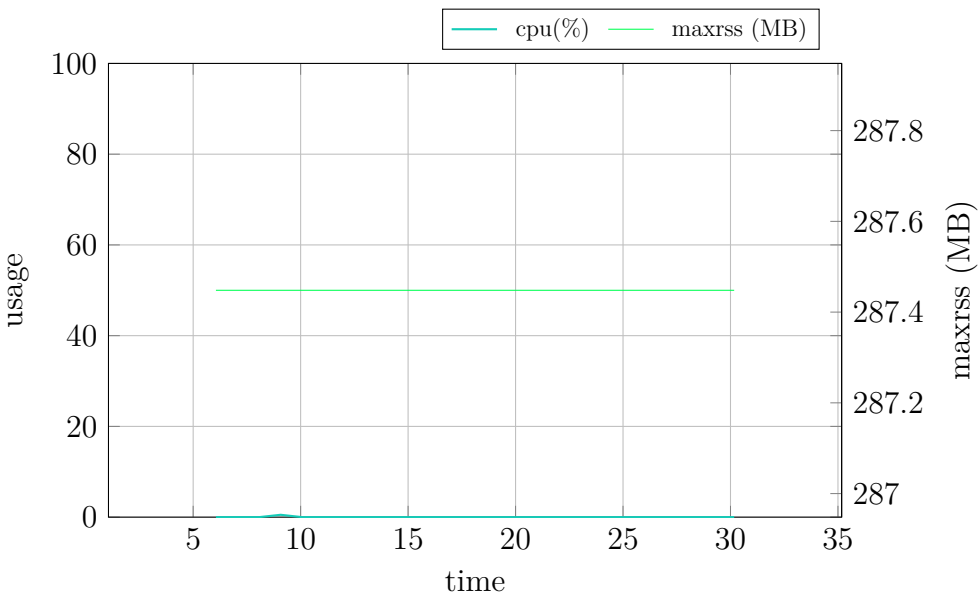


Performance cyclonedds

Logfile name	5057d10a-6a15-4fcf-a0c4-260d10f5a27d.csv
Experiment id	9abe791b-2cd4-4516-bf70-ac4fd93ad173
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

test setup

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

100
Struct32k
1
10
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
1.0046
993.6
99.4
0.0
0.0
67737234.76
0.3405
1.4704
0.7184
0.0001
-5.8192
9.5073
1.9365
0.0186
0.0
0.0
0.0
0.0
0.0208
287.45

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
Struct32k
VOLATILE
100
KEEP_LAST
RELIABLE
0
rmw_cyclonedds_cpp
NONE
0
0