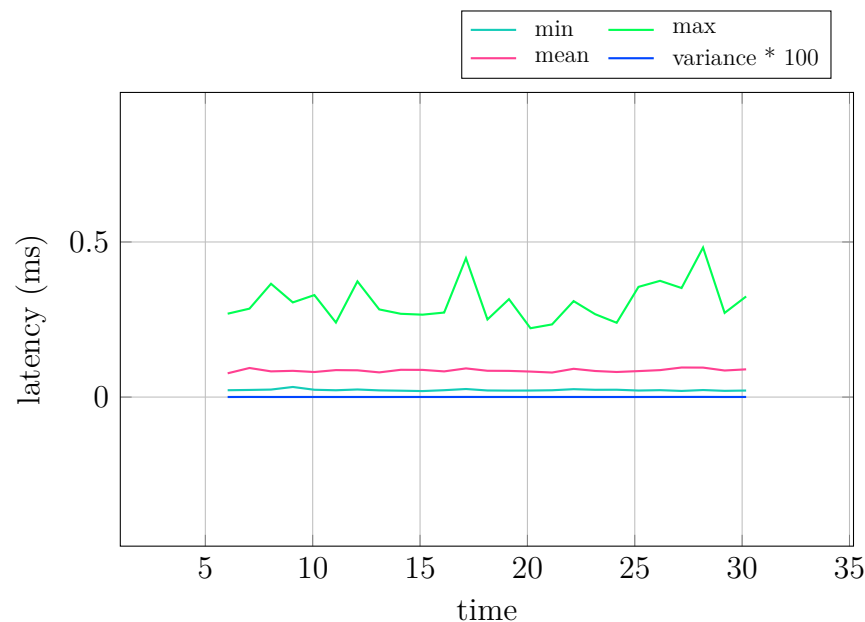
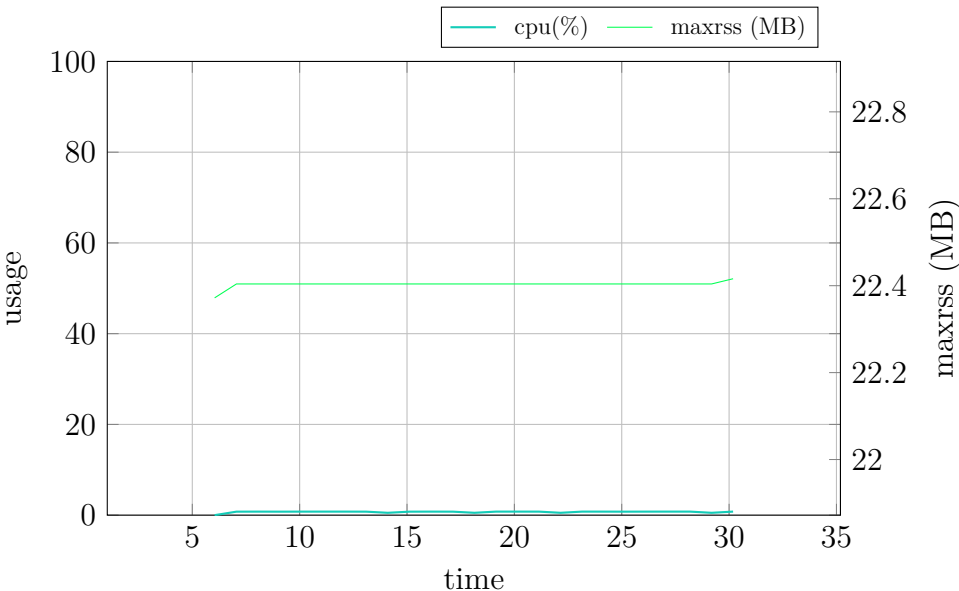


# Performance fastrtps

Logfile name	570dfc69-6d1e-4aa4-b97a-ddb69f764fb5.csv
Experiment id	f1934307-2604-4d89-a6b1-373dd77ad594
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  
1.0061  
298.08  
99.4  
0.0  
0.0  
9597.12  
0.0227  
0.3081  
0.0858  
0.0  
-5.5081  
9.8101  
2.2261  
0.0204  
0.0  
0.0  
0.0  
0.0  
0.7039  
22.42

## 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