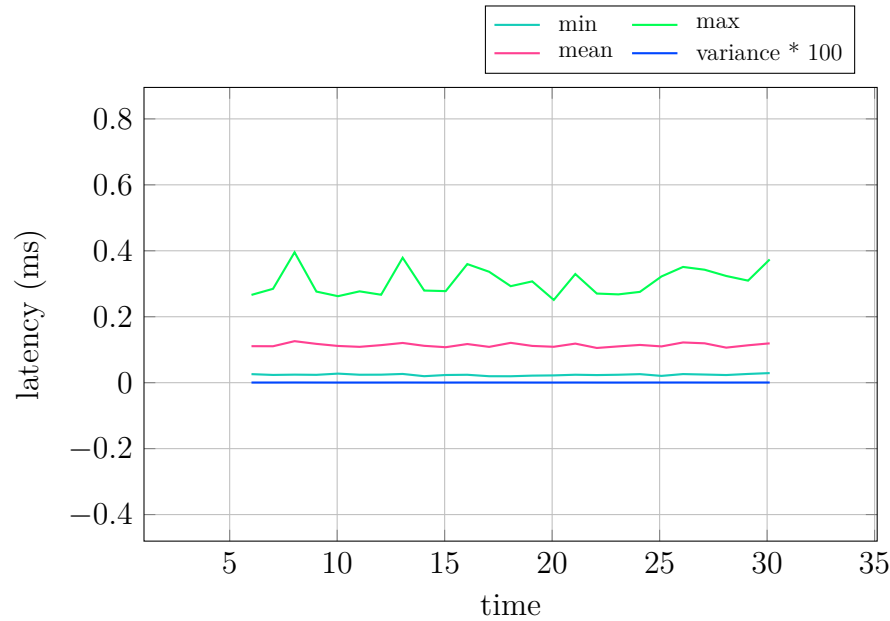
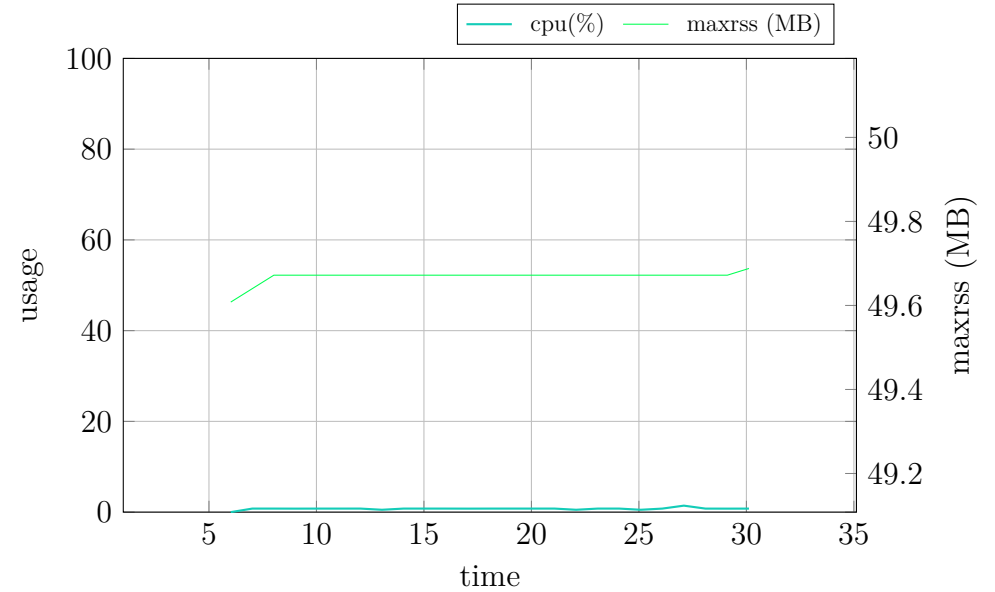


# Performance fastrtps

Logfile name	4a67cd7d-4318-46f2-bff3-9e79b5ae41ac.csv
Experiment id	60d1a254-01c1-4edd-b73a-392e74b30ecb
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  
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  
1.0043  
992.8  
99.28  
0.0  
0.0  
16394026.04  
0.0239  
0.3071  
0.1138  
0.0  
-5.6616  
9.81  
2.1934  
0.0205  
0.0  
0.0  
0.0  
0.0  
0.7415  
49.69

## 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\_fastrtps\_cpp  
NONE  
0  
0