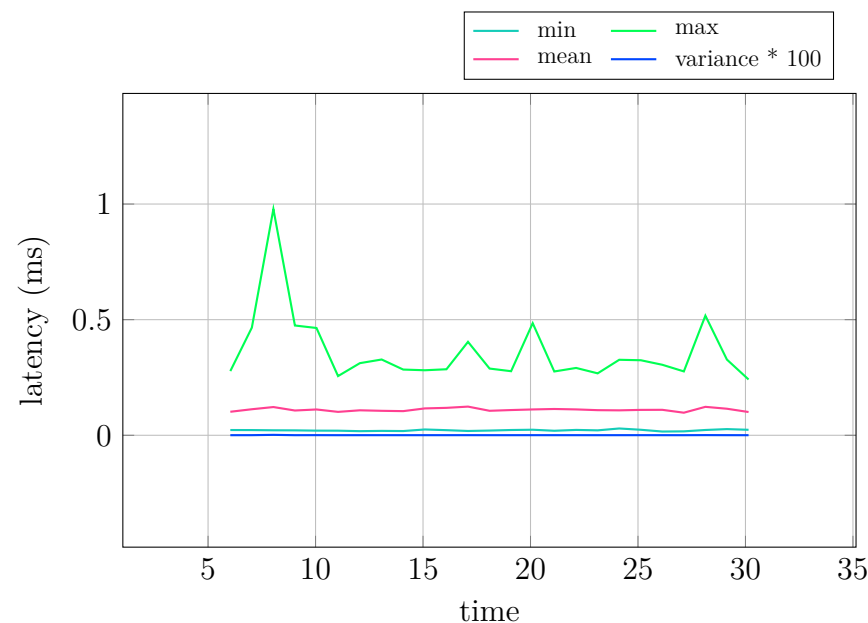
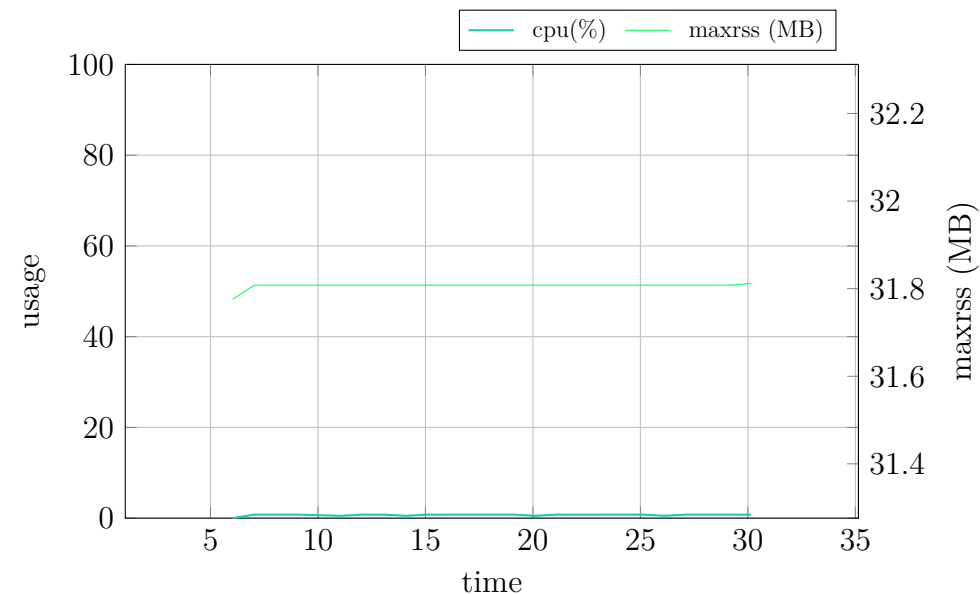


# Performance fastrtps

Logfile name	dced16ea-fefe-4712-a390-418e2fc2a358.csv
Experiment id	bf9e2bd3-0942-4b4d-b730-9b196ed459fe
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  
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  
1.0044  
993.2  
99.32  
0.0  
0.0  
31995.6  
0.0216  
0.3606  
0.1103  
0.0  
-5.7744  
9.729  
2.1329  
0.0205  
0.0  
0.0  
0.0  
0.0  
0.6999  
31.81

## 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