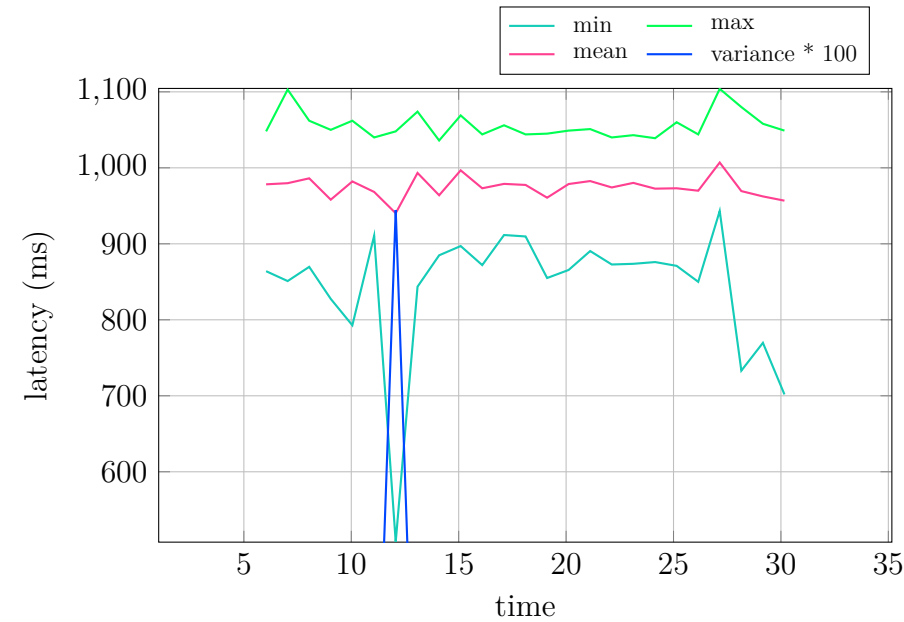
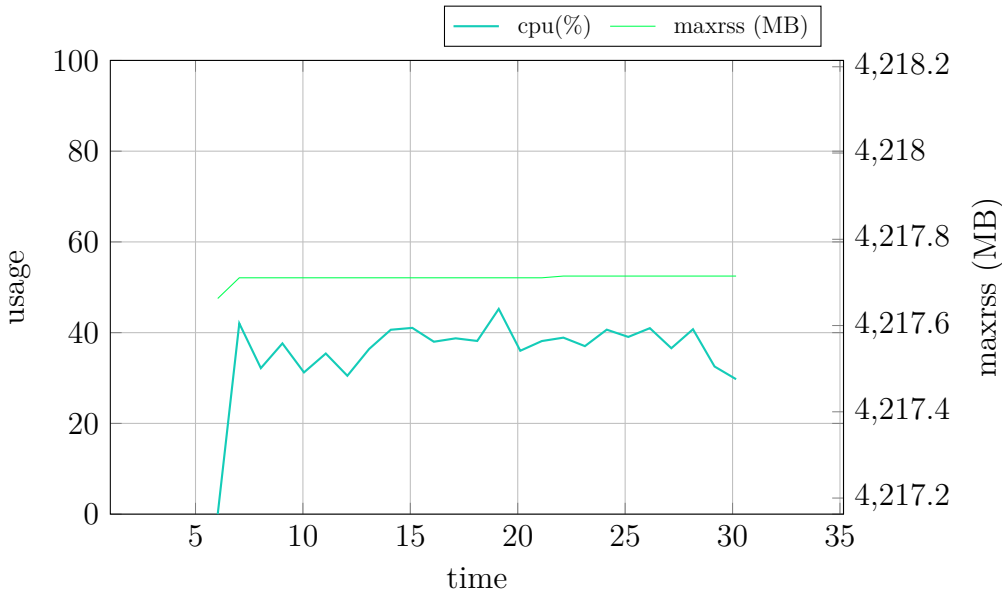


# Performance fastrtps

Logfile name	0b8a5c23-5cfb-4848-9f2b-4b4d6669ff5a.csv
Experiment id	ebae43c1-19b7-4000-aae6-d18b574183e2
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  
PointCloud4m  
0  
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  
1.0051  
707.76  
0.0  
277.76  
inf  
3002746181.72  
841.796  
1055.92  
974.564  
1.9636  
inf  
-inf  
0.0  
0.0  
0.0  
0.0  
0.0  
0.0  
0.0  
35.9056  
4217.72

## 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  
PointCloud4m  
VOLATILE  
100  
KEEP\_LAST  
RELIABLE  
0  
rmw\_fastrtps\_cpp  
NONE  
0  
0