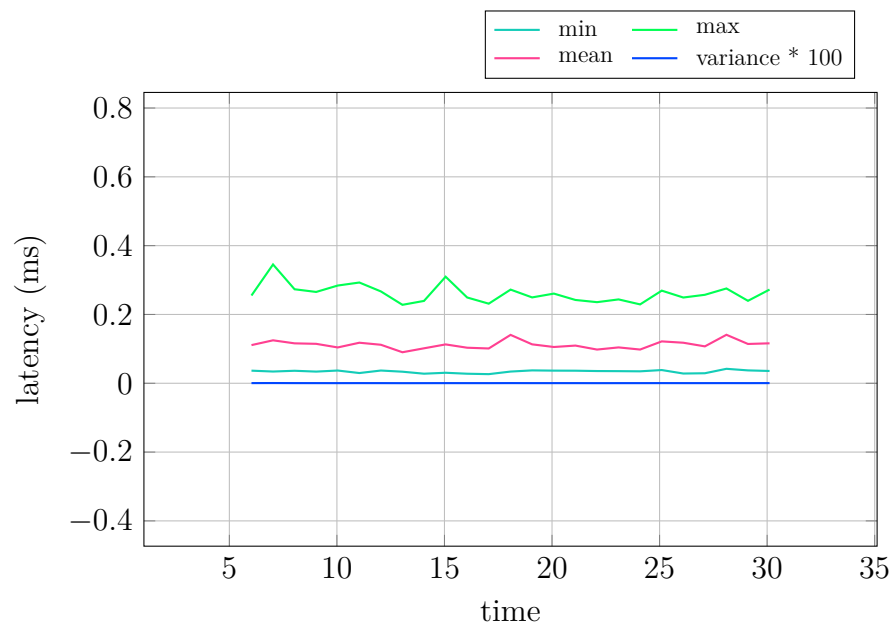
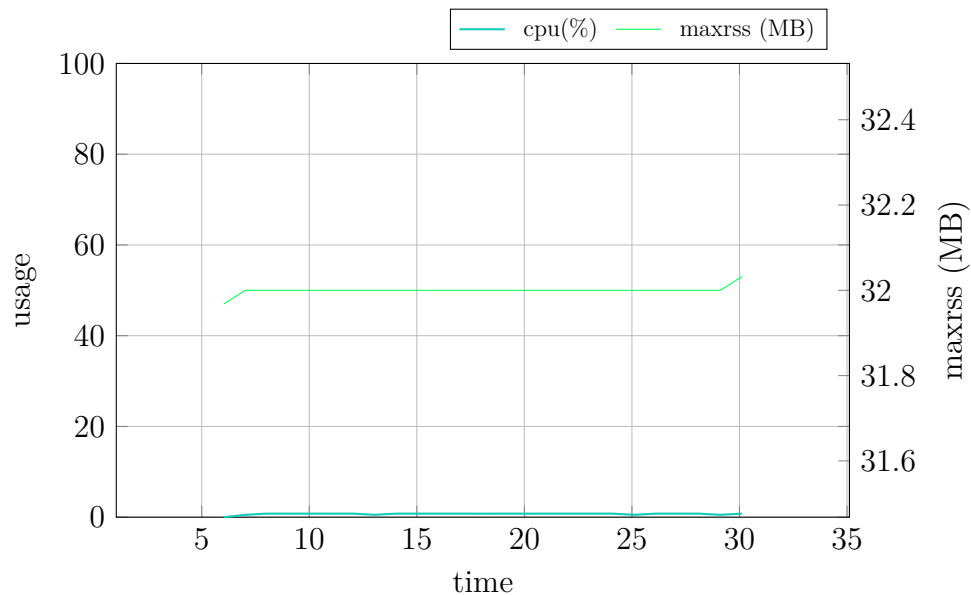


# Performance fastrtps

Logfile name	029af98d-664c-44ff-ab6f-61a3d6dca470.csv
Experiment id	8c62cd13-11c5-464f-8d1f-0ffd3f309f34
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version  
Publishing rate 20  
Topic name Struct16  
Number of publishers 1  
Number of subscribers 10  
Maximum runtime (sec) 30  
DDS domain id 0  
Single participant -

## 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  
1.0035  
190.8  
19.08  
0.0  
0.0  
6398.0  
0.0341  
0.2614  
0.1118  
0.0  
34.2764  
48.0692  
41.1012  
0.02  
0.0  
0.0  
0.0  
0.0  
0.7058  
32.03

## environment

Ignore seconds from beginning 5  
Memory check enabled 0  
Msg name Struct16  
QOS Durability VOLATILE  
QOS History depth 100  
QOS History kind KEEP\_LAST  
QOS Reliability RELIABLE  
QOS Sync. pub/sub 0  
RMW Implementation rmw\_fastrtps\_cpp  
Roundtrip Mode NONE  
With security 0  
Zero copy transfer 0