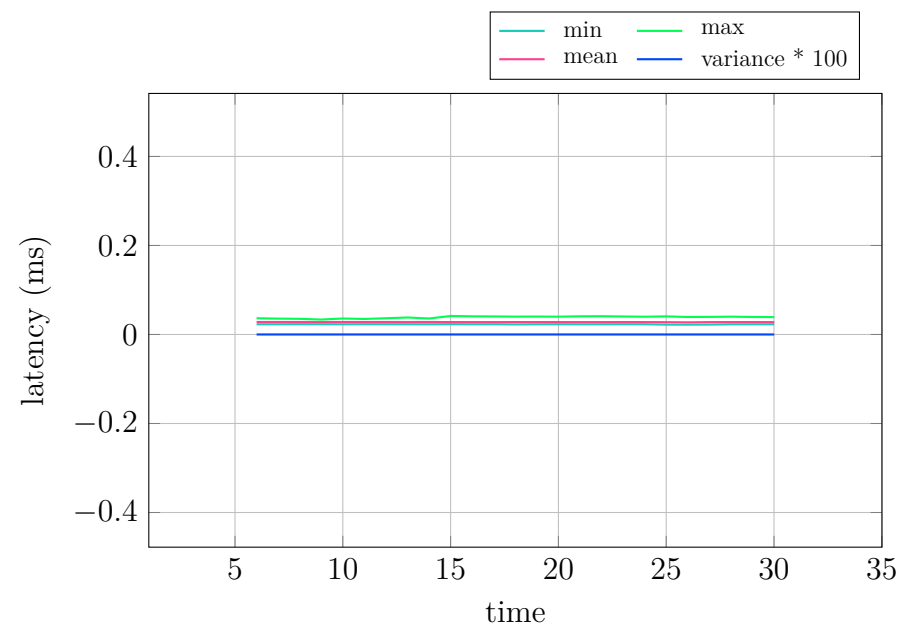
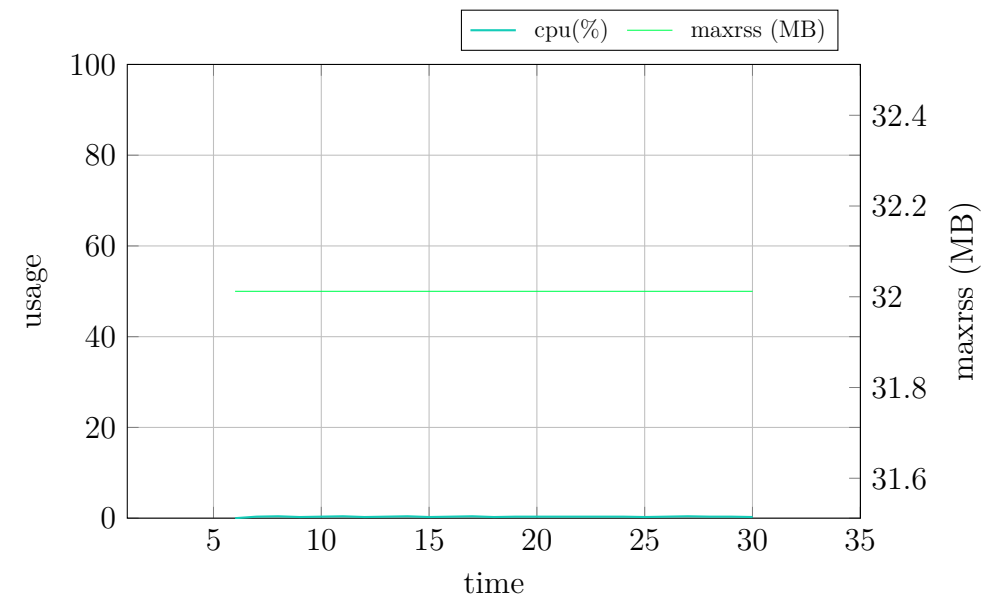


# Performance fastrtps

Logfile name	e776442a-86f8-481b-89c7-b9e83939dc4a.csv
Experiment id	bad52da4-9562-4e72-a27a-cc8e862f38fc
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man gettrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Array16k
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	1497.24
sent	499.08
lost	0.0
relative_loss	0.0
data_received	24600666.88
latency_min (ms)	0.0228
latency_max (ms)	0.0386
latency_mean (ms)	0.0278
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.9289
pub_loop_res_max (ms)	1.9444
pub_loop_res_mean (ms)	1.9381
pub_loop_res_variance (ms)	0.0
sub_loop_res_min (ms)	0.0
sub_loop_res_max (ms)	0.0
sub_loop_res_mean (ms)	0.0
sub_loop_res_variance (ms)	0.0
cpu_usage (%)	0.3163
max_ram_usage (MB)	32.01

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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