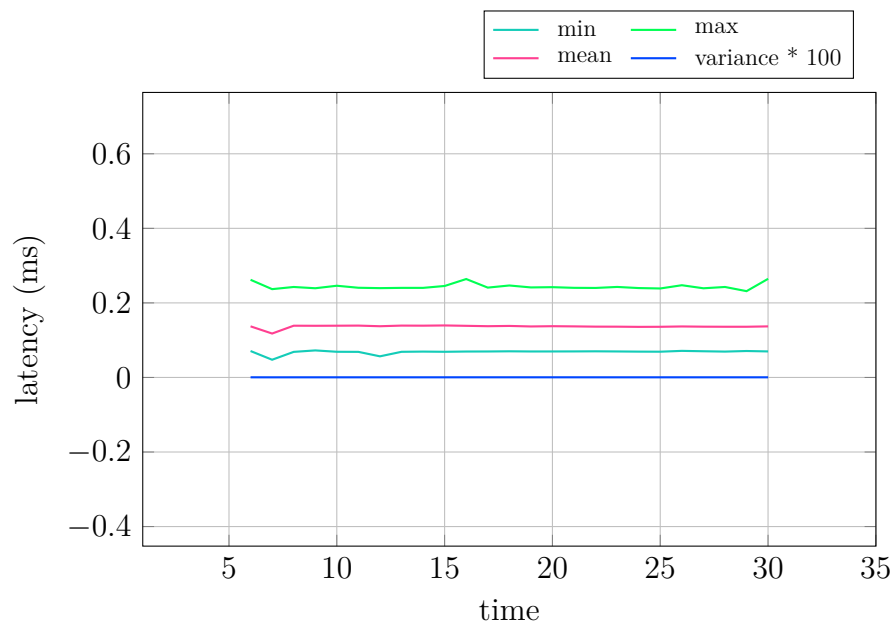
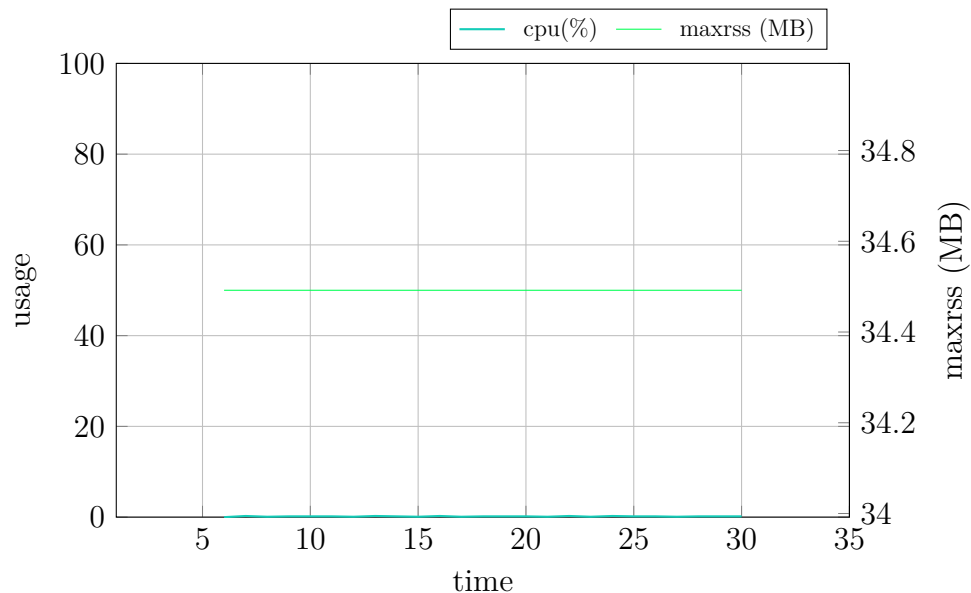


# Performance fastrtps

Logfile name	c8136813-0d65-417c-8428-12c55ad2b20d.csv
Experiment id	b9cb9e8d-01e3-4498-bc79-5cd5ebc95dec
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
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	success
T_loop	1.0001
received	190.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	6390.0
latency_min (ms)	0.0684
latency_max (ms)	0.2438
latency_mean (ms)	0.1367
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.8992
pub_loop_res_max (ms)	49.914
pub_loop_res_mean (ms)	49.9004
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 (%)	0.153
max_ram_usage (MB)	34.49

## 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