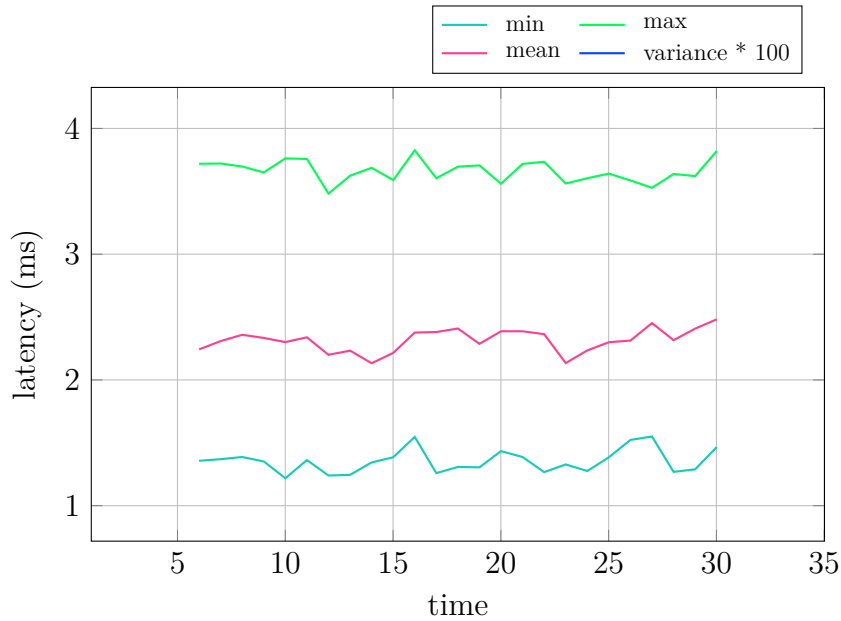
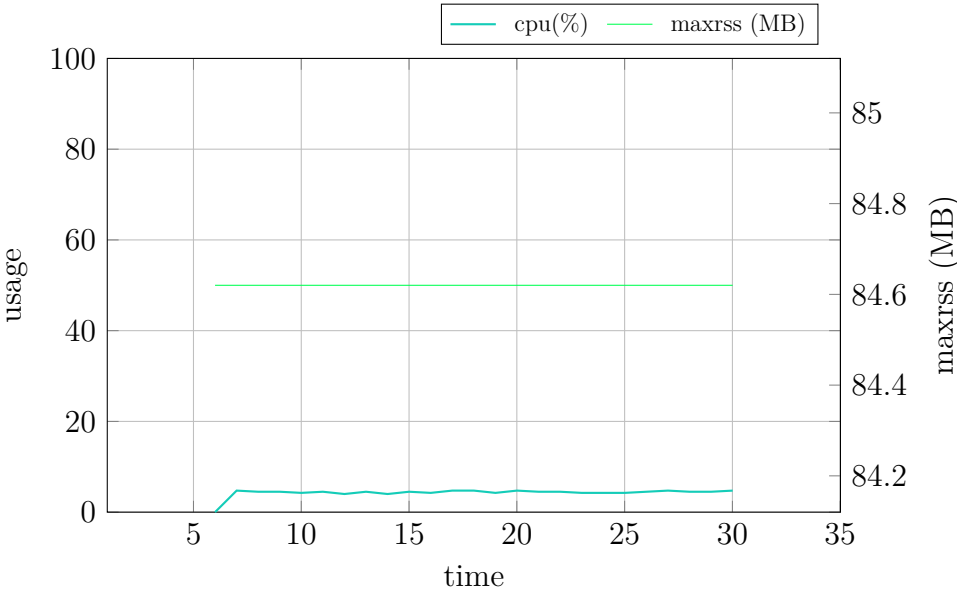


# Performance fastrtps

Logfile name	2de3acb2-8d9e-4d7c-bc19-13e7f9d9243a.csv
Experiment id	efc2f10a-78fa-4c57-ad62-269ab621027d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Struct32k
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	1.0002
received	190.08
sent	19.0
lost	0.0
relative_loss	0.0
data_received	13544840.96
latency_min (ms)	1.3542
latency_max (ms)	3.6613
latency_mean (ms)	2.3159
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	48.8252
pub_loop_res_max (ms)	49.1788
pub_loop_res_mean (ms)	49.014
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 (%)	4.278
max_ram_usage (MB)	84.62

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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