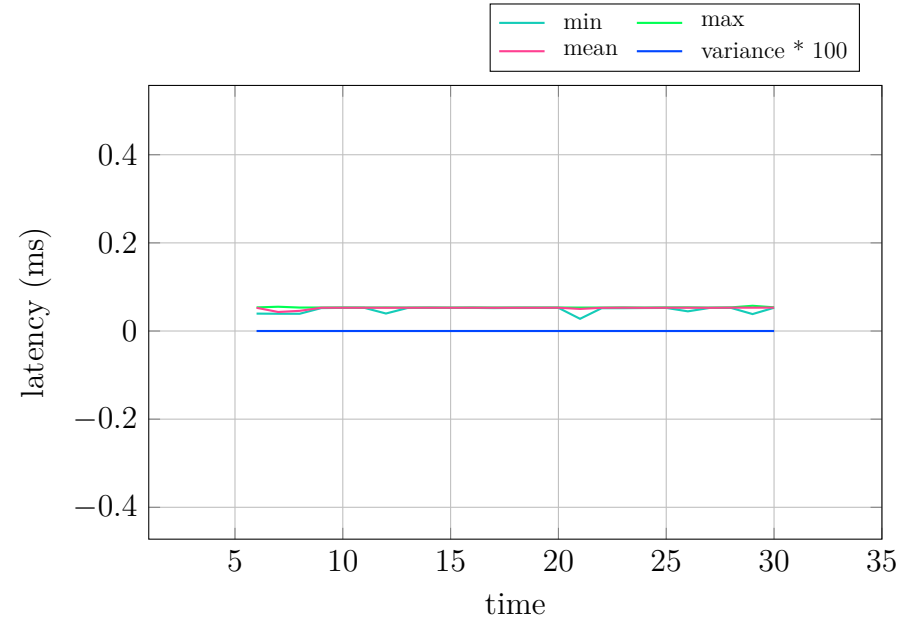
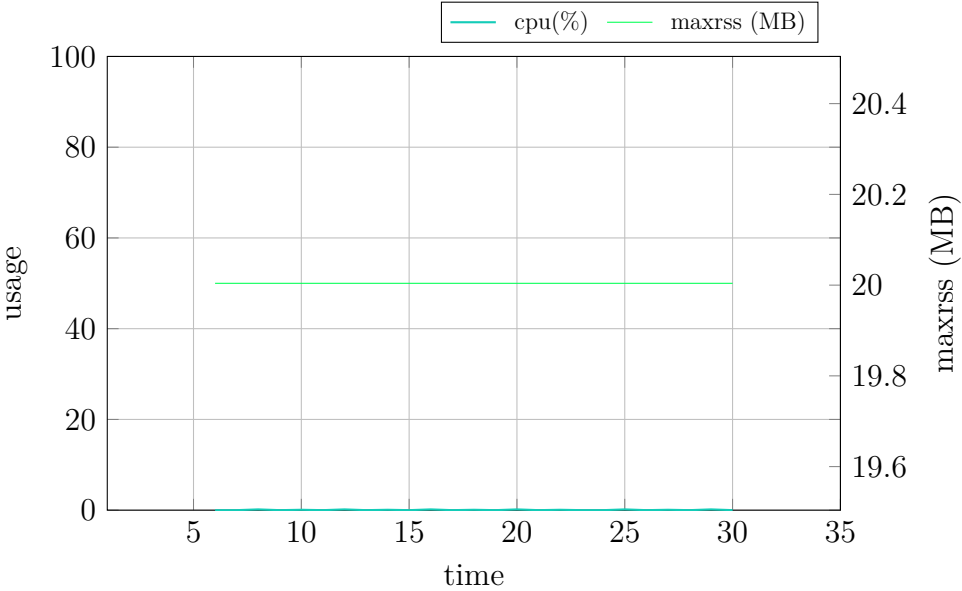


# Performance cyclonedds

Logfile name	37abe444-5d69-41aa-815d-1cb27408f36c.csv
Experiment id	4b70d5ff-46df-479e-894c-905ebf9cb0e7
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Array16k
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	99.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	1639776.72
latency_min (ms)	0.0484
latency_max (ms)	0.0536
latency_mean (ms)	0.0521
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.9004
pub_loop_res_max (ms)	9.9134
pub_loop_res_mean (ms)	9.9022
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 (%)	0.0562
max_ram_usage (MB)	20.0

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0