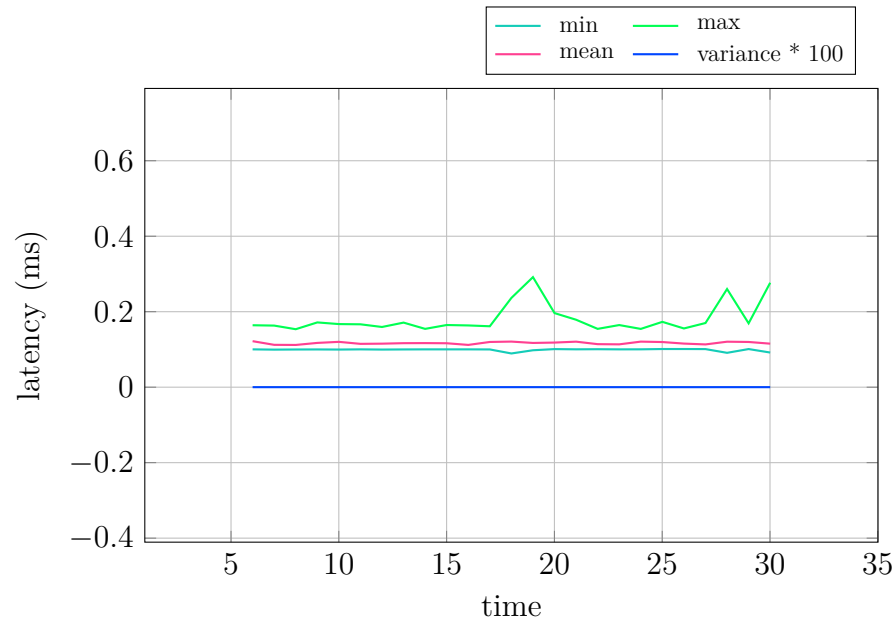
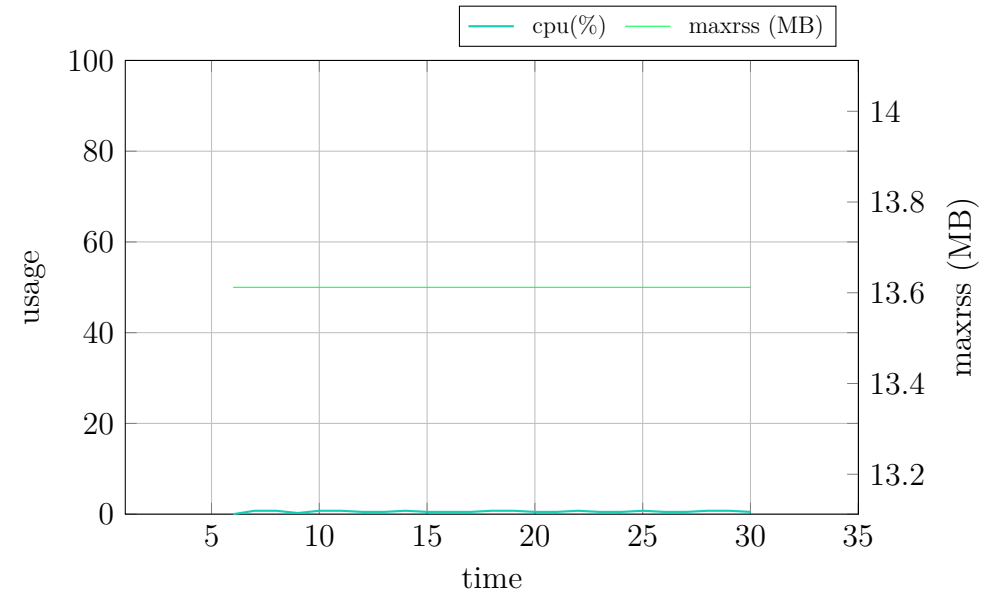


Performance cyclonedds

Logfile name	c2241f77-e057-4931-85e5-7f0261aeba90.csv
Experiment id	9a953da0-ef4e-4401-a17c-6e7b1631b75f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man gettrusage](#))

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	99.04
sent	99.04
lost	0.0
relative_loss	0.0
data_received	1640119.96
latency_min (ms)	0.099
latency_max (ms)	0.1817
latency_mean (ms)	0.117
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.7965
pub_loop_res_max (ms)	9.8733
pub_loop_res_mean (ms)	9.8441
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 (%)	0.5798
max_ram_usage (MB)	13.61

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