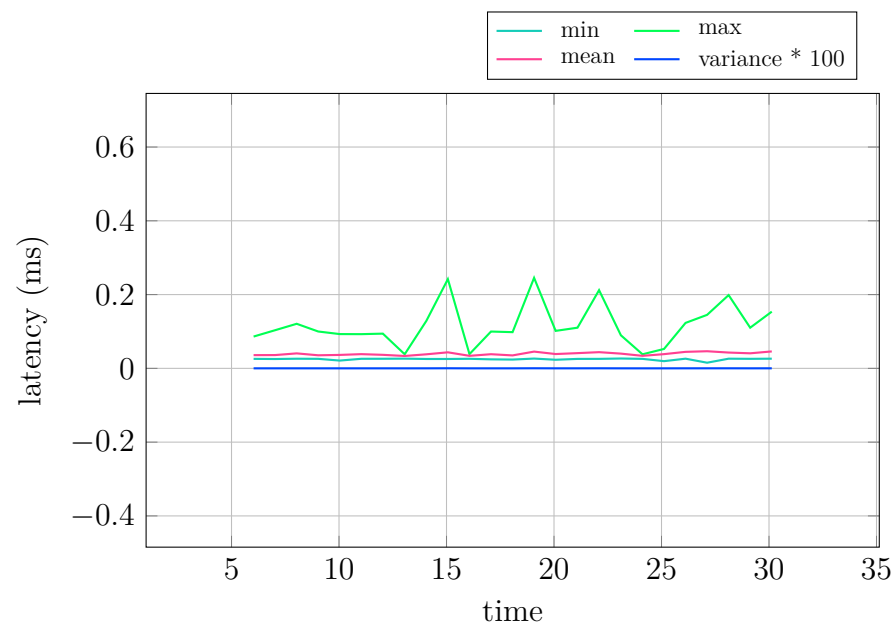
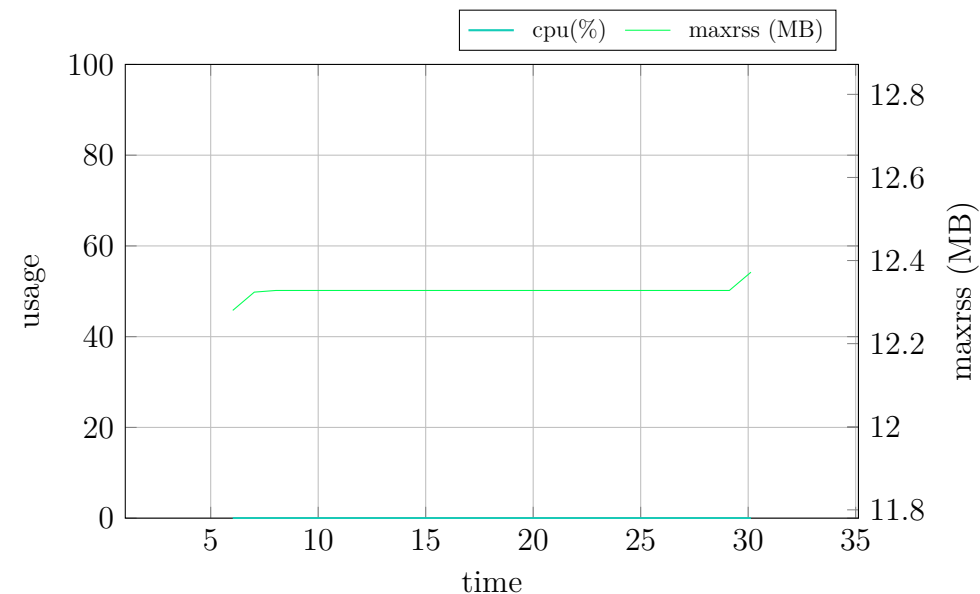


Performance cyclonedds

Logfile name	f1013a84-d088-4b76-a308-64e08e1085f1.csv
Experiment id	b1c0ea33-8afc-47fb-ad82-590353e3b0cd
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
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	1.0045
received	19.08
sent	19.12
lost	0.0
relative_loss	0.0
data_received	327836.56
latency_min (ms)	0.0248
latency_max (ms)	0.1166
latency_mean (ms)	0.0394
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.0112
pub_loop_res_max (ms)	48.3804
pub_loop_res_mean (ms)	41.4668
pub_loop_res_variance (ms)	0.0207
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 (%)	0.0
max_ram_usage (MB)	12.37

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