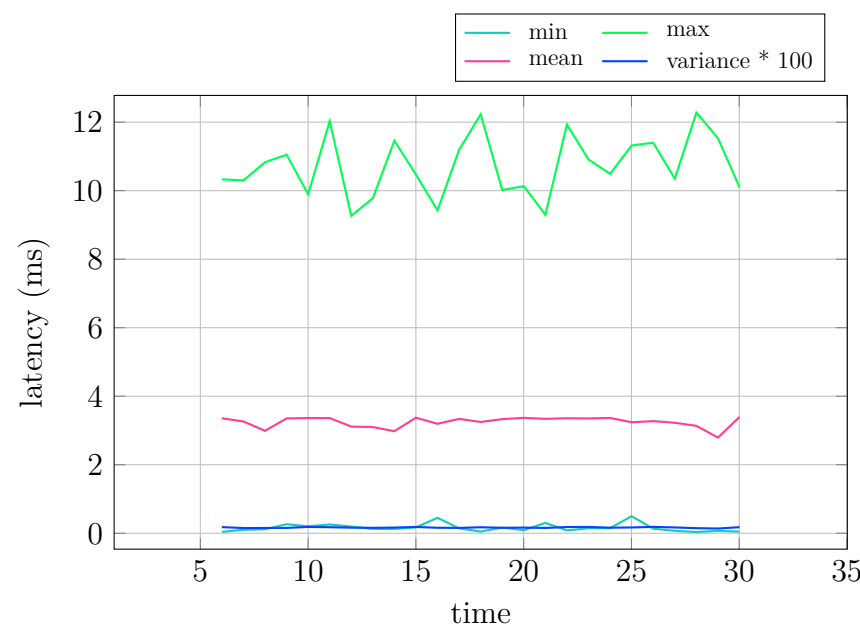
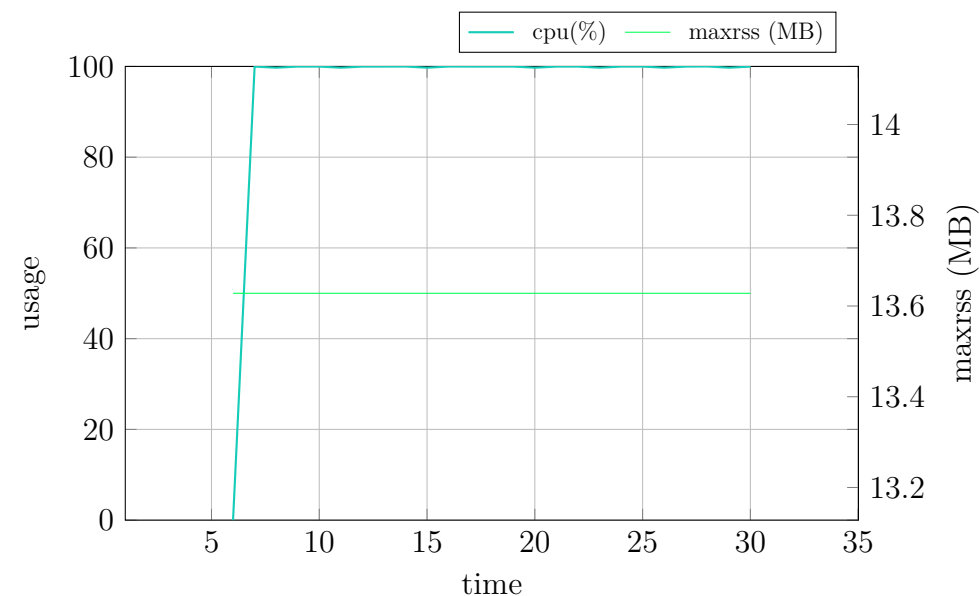


Performance cyclonedds

Logfile name	90c67dbb-767d-47aa-960d-218e12efa40b.csv
Experiment id	7f804d7d-33d2-4285-80d6-1afa876d2af7
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	0
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	105801.84
sent	29384.48
lost	188038.96
relative_loss	6.3756
data_received	3385795.32
latency_min (ms)	0.1616
latency_max (ms)	10.7206
latency_mean (ms)	3.2482
latency_variance (ms)	0.0017
pub_loop_res_min (ms)	-18142.64
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	95.9028
max_ram_usage (MB)	13.63

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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0