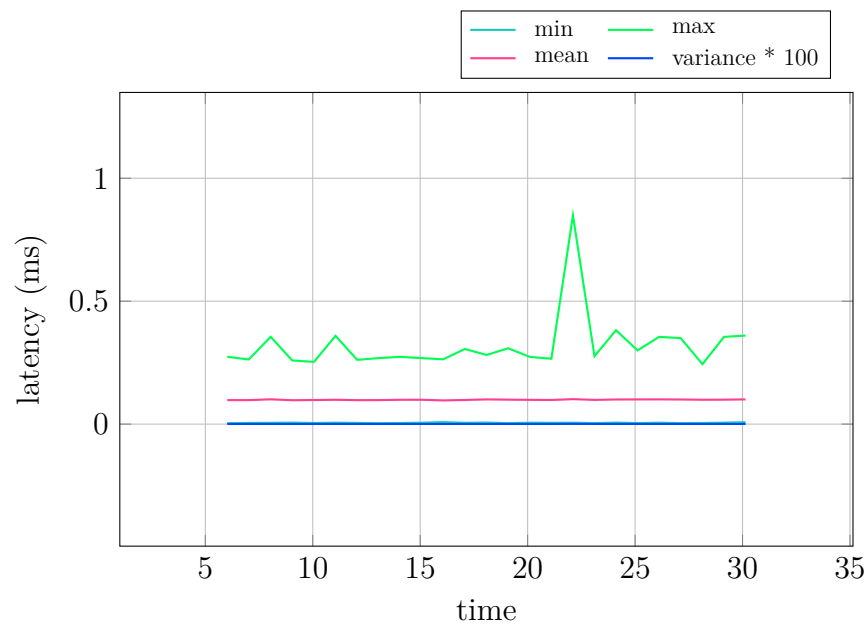
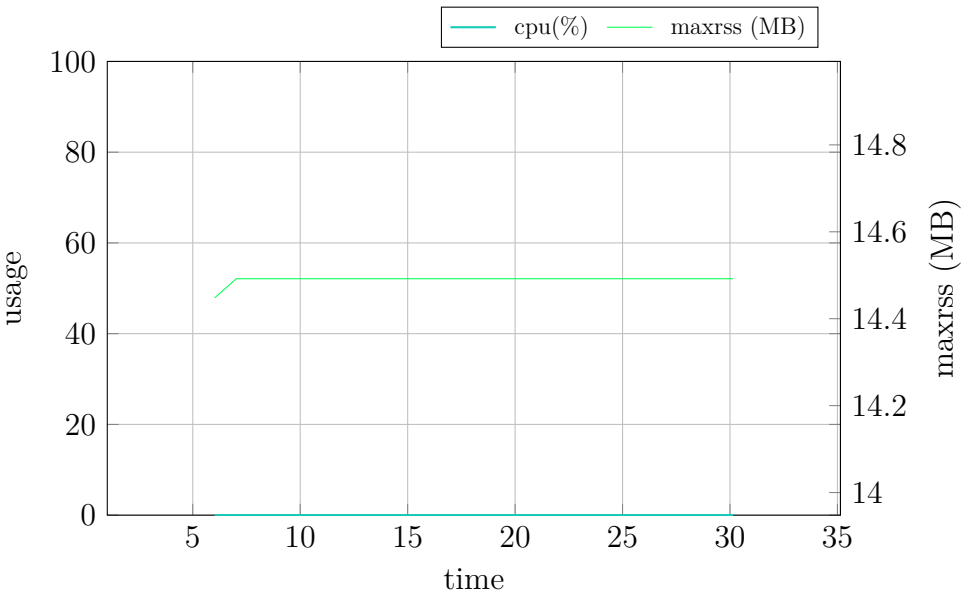


Performance cyclonedds

Logfile name	c812ee94-d70b-4fe8-8f3c-be34120f08c4.csv
Experiment id	031c4a80-2c05-4662-8e28-91027e0622ff
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
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	1.0048
received	4995.2
sent	499.48
lost	0.0
relative_loss	0.0
data_received	160005.84
latency_min (ms)	0.0053
latency_max (ms)	0.3201
latency_mean (ms)	0.099
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-14.2284
pub_loop_res_max (ms)	1.9602
pub_loop_res_mean (ms)	-5.8242
pub_loop_res_variance (ms)	0.0204
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)	14.49

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