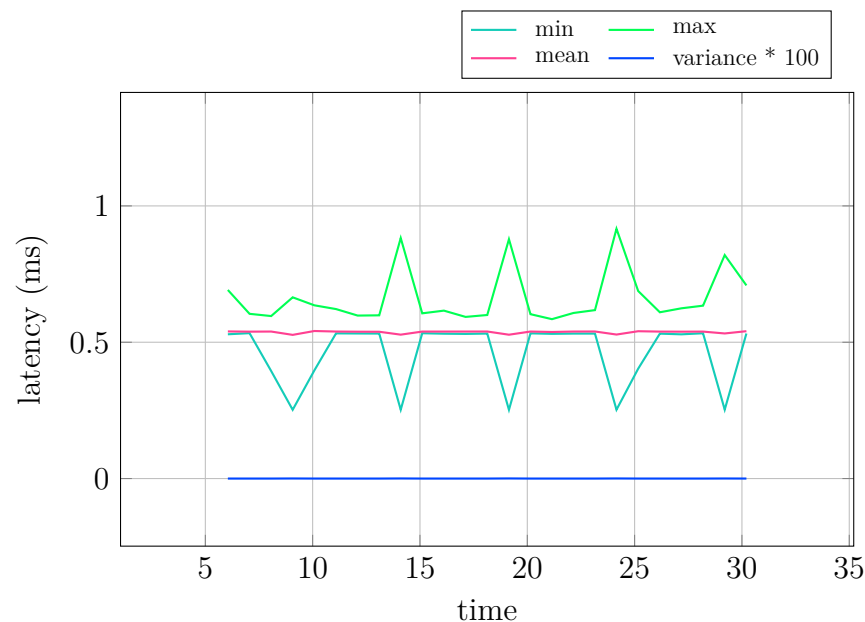
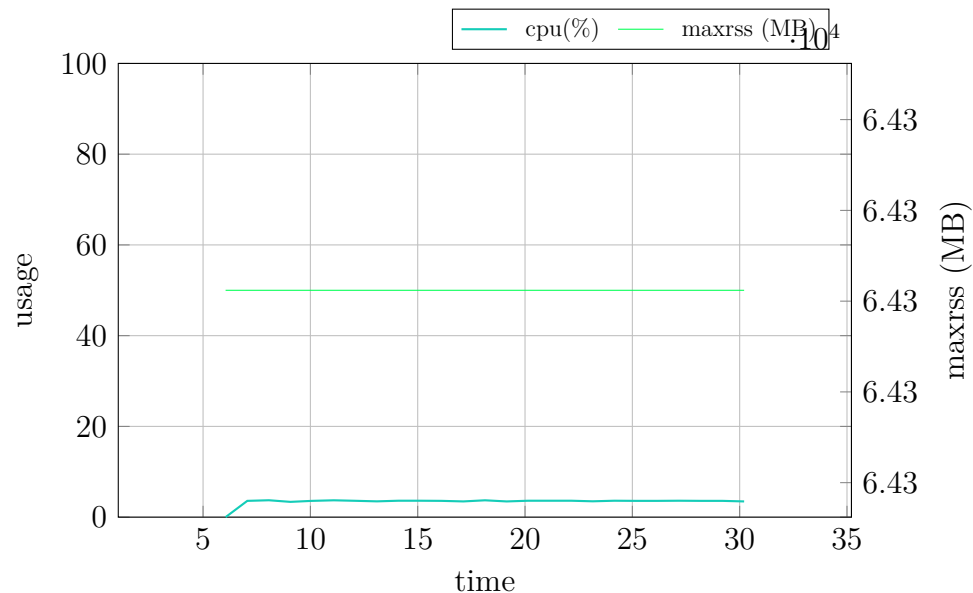


Performance cyclonedds

Logfile name	7c9b6c38-b834-42bd-b90c-5c55c932b42e.csv
Experiment id	85341ce6-f9f9-4672-ad74-99461d8fed8e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
Topic name	Struct32k
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	1.0065
received	499.36
sent	499.32
lost	0.0
relative_loss	0.0
data_received	33865515.52
latency_min (ms)	0.4597
latency_max (ms)	0.6639
latency_mean (ms)	0.5371
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.1069
pub_loop_res_max (ms)	1.6163
pub_loop_res_mean (ms)	1.305
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 (%)	3.4372
max_ram_usage (MB)	64290.82

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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