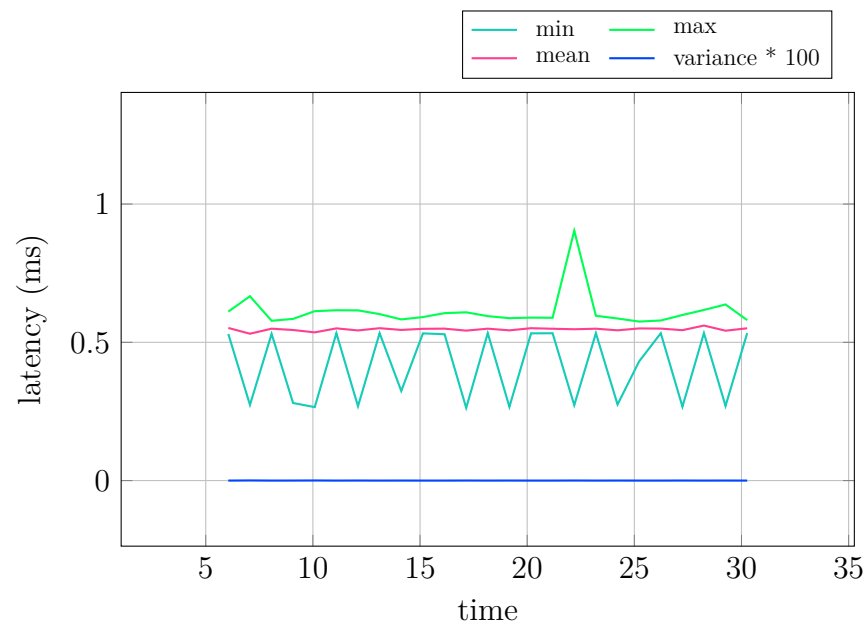
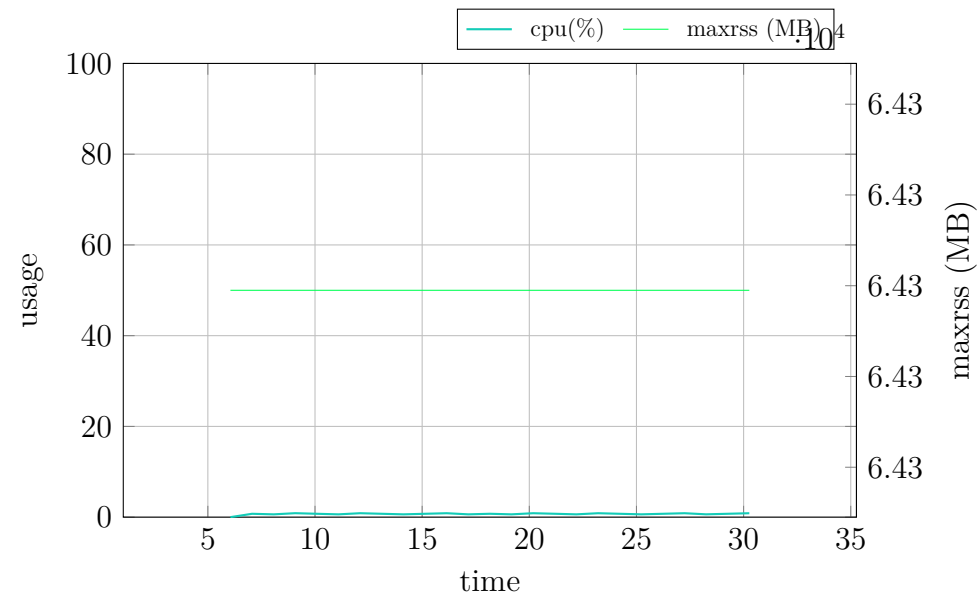


Performance cyclonedds

Logfile name	f54bdc28-8894-496f-9fda-49e5080da6d4.csv
Experiment id	50afd0eb-5886-414d-98d1-e077c7a01a9c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
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	1.0086
received	99.36
sent	99.32
lost	0.0
relative_loss	0.0
data_received	6775088.52
latency_min (ms)	0.4151
latency_max (ms)	0.6123
latency_mean (ms)	0.5469
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.0834
pub_loop_res_max (ms)	9.6888
pub_loop_res_mean (ms)	6.7137
pub_loop_res_variance (ms)	0.0004
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 (%)	0.7087
max_ram_usage (MB)	64307.2

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