Performance cyclonedds
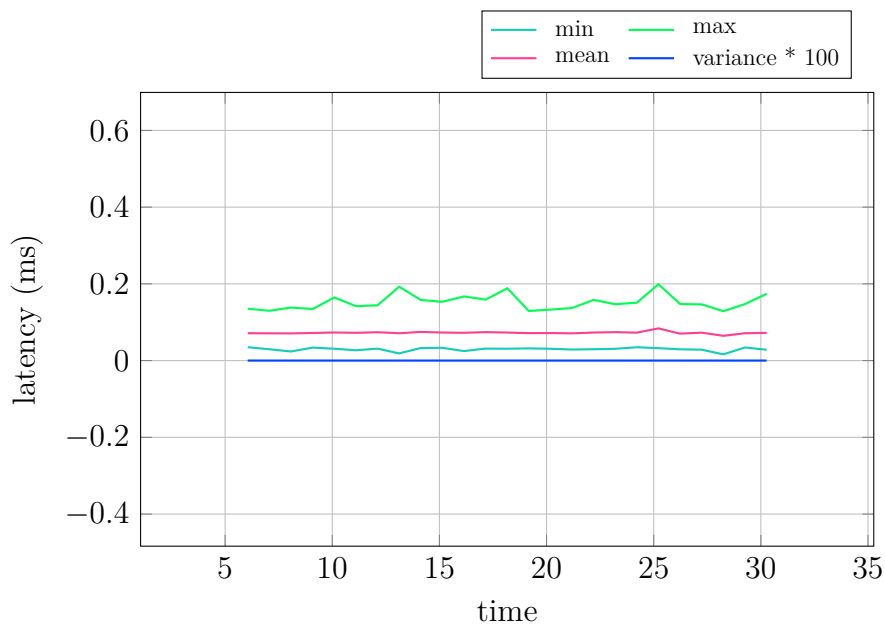
Latencies
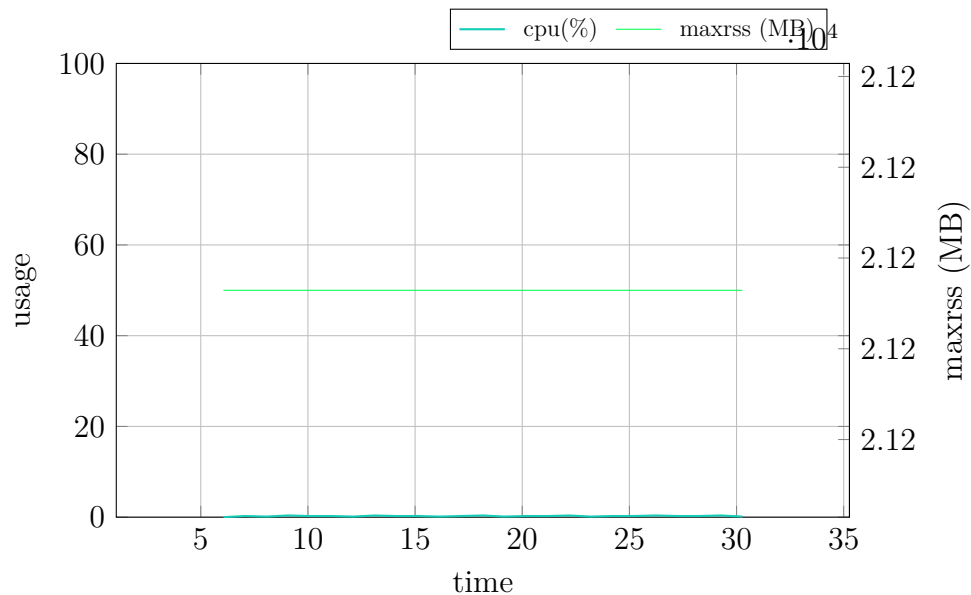
Resource usage (man getrusage)

test setup	
Performance Test Version	2fc8cc2-dirty
Publishing rate	100
Topic name	Struct16
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results	
Experiment Status	success
T_loop	1.0087
received	297.72
sent	99.24
lost	0.0
relative_loss	0.0
data_received	9601.68
latency_min (ms)	0.0295
latency_max (ms)	0.1522
latency_mean (ms)	0.0725
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.1522
pub_loop_res_max (ms)	9.5513
pub_loop_res_mean (ms)	6.7151
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 (%)	0.2378
max_ram_usage (MB)	21151.74

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