Performance cyclonedds
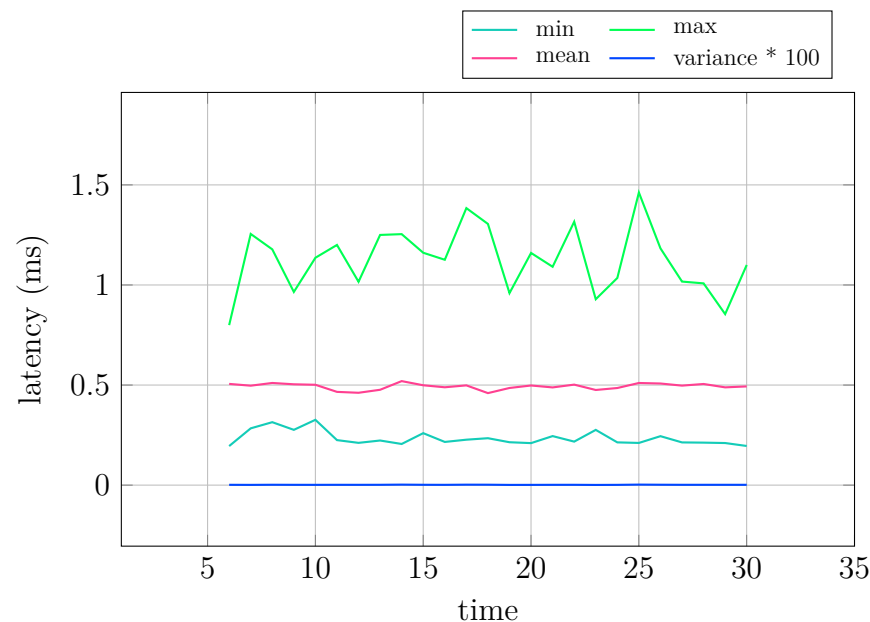
Latencies
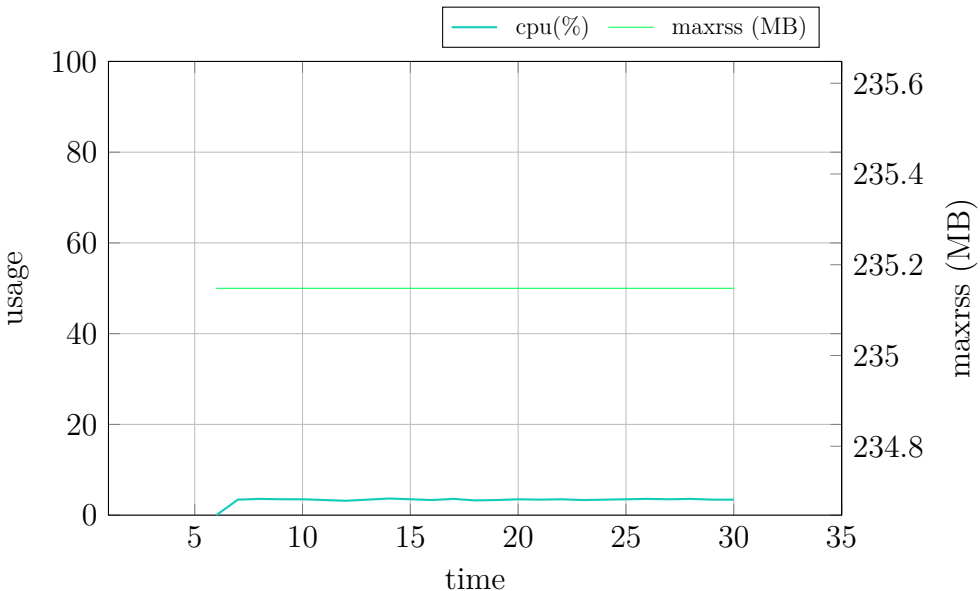
Resource usage (man getrusage)

test setup		**average results**		**environment**	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	100	T_loop	1.0001	Memory check enabled	0
Topic name	Struct32k	received	990.0	Msg name	Struct32k
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	10	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	nan	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	67719922.12	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.2344	QOS Sync. pub/sub	0
		latency_max (ms)	1.1258	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.493	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	inf	Zero copy transfer	0
		pub_loop_res_max (ms)	-inf		
		pub_loop_res_mean (ms)	0.0		
		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 (%)	3.3092		
		max_ram_usage (MB)	235.15		