Performance cyclonedds
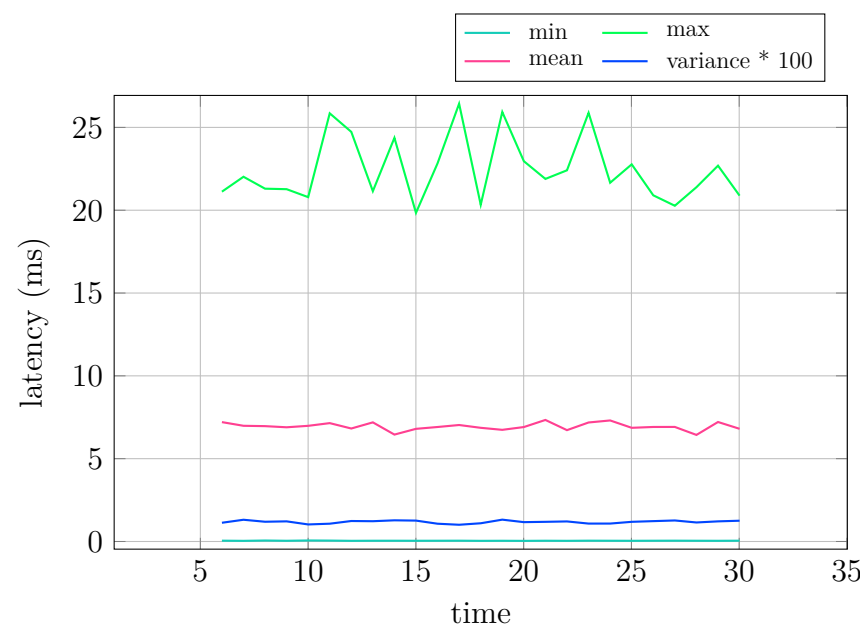
Latencies
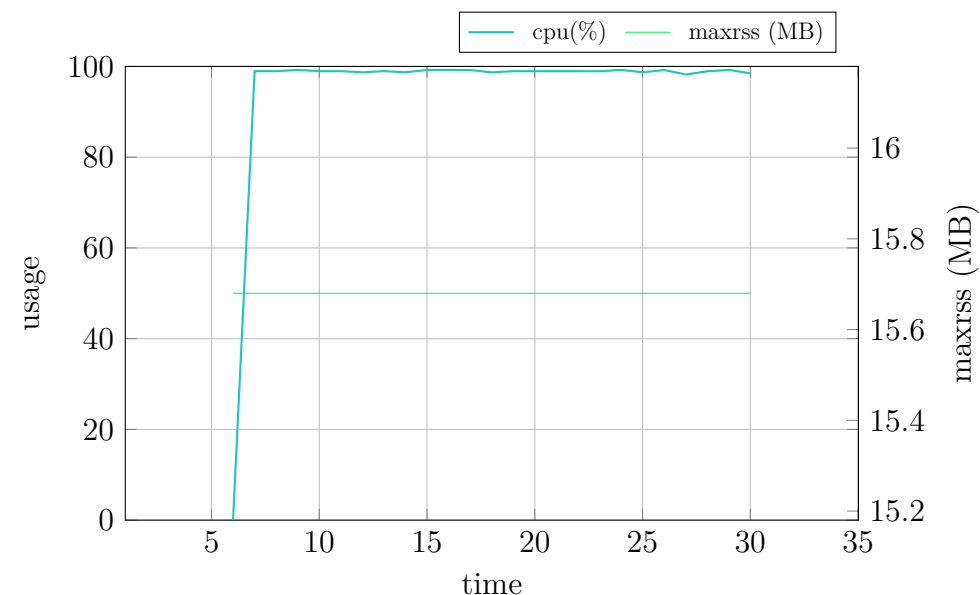
Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2113db4	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0001	Memory check enabled	0
Topic name	Array16k	received	68228.84	Msg name	Array16k
Number of publishers	1	sent	8894.48	QOS Durability	VOLATILE
Number of subscribers	10	lost	20721.56	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	2.304	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	1119047025.4	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.0453	QOS Sync. pub/sub	0
		latency_max (ms)	22.4664	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	6.944	Roundtrip Mode	NONE
		latency_variance (ms)	0.0118	With security	0
		pub_loop_res_min (ms)	-18180.44	Zero copy transfer	0
		pub_loop_res_max (ms)	9223000000000.0		
		pub_loop_res_mean (ms)	4611800000000.0		
		pub_loop_res_variance (ms)	2.127e+22		
		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 (%)	94.9824		
		max_ram_usage (MB)	15.68		