Performance cyclonedds
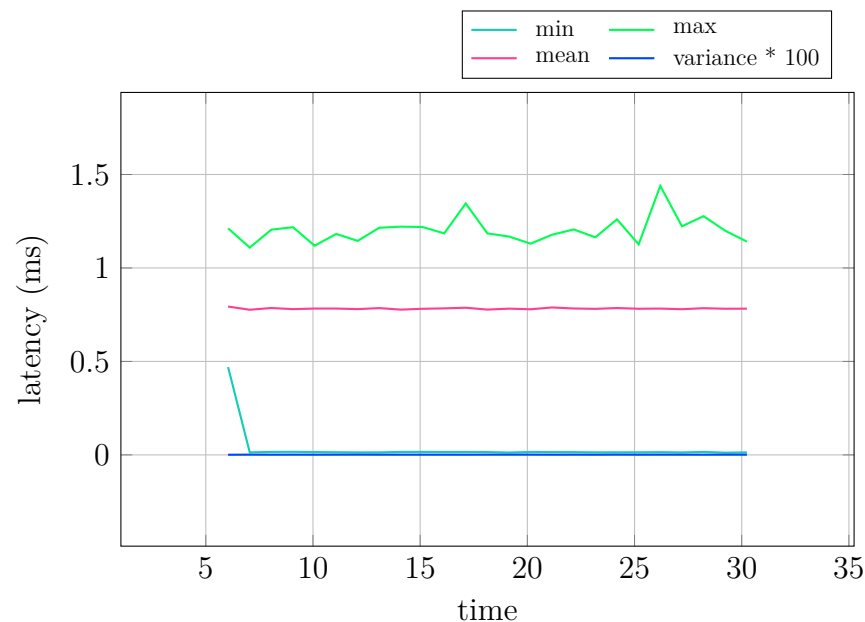
Latencies
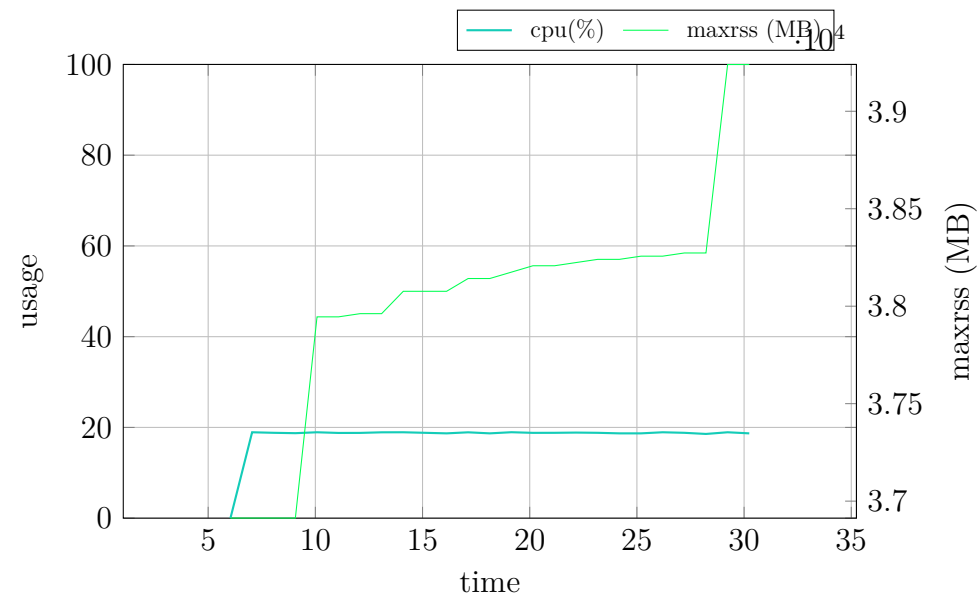
Resource usage (man getrusage)

test setup		**average results**		**environment**	
Performance Test Version	2fc8cc2-dirty	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	0	T_loop	1.0084	Memory check enabled	0
Topic name	Array16k	received	124566.28	Msg name	Array16k
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	1	lost	42269.24	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	inf	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	2042895271.84	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.0327	QOS Sync. pub/sub	0
		latency_max (ms)	1.2028	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.7826	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 (%)	18.058		
		max_ram_usage (MB)	39239.68		