Performance cyclonedds
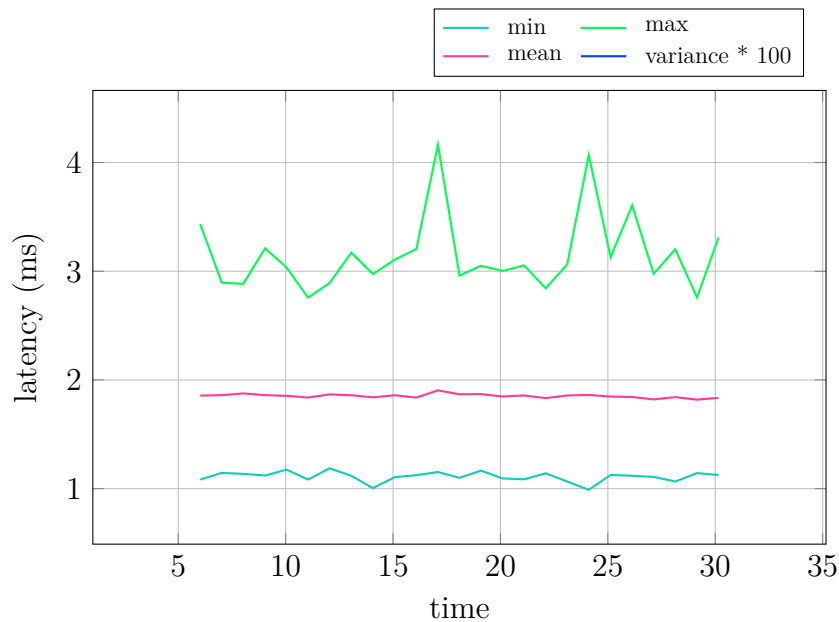
Latencies
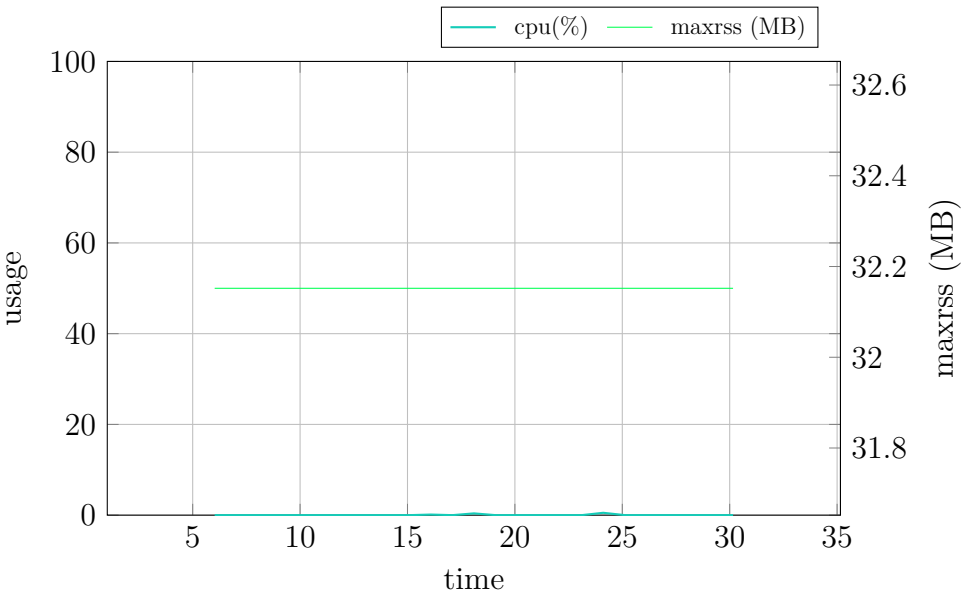
Resource usage (man getrusage)

test setup		**average results**		**environment**	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	100	T_loop	1.0053	Memory check enabled	0
Topic name	Array2m	received	297.96	Msg name	Array2m
Number of publishers	1	sent	99.32	QOS Durability	VOLATILE
Number of subscribers	3	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	0.0	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	628997300.76	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	1.1107	QOS Sync. pub/sub	0
		latency_max (ms)	3.15	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	1.8525	Roundtrip Mode	NONE
		latency_variance (ms)	0.0002	With security	0
		pub_loop_res_min (ms)	-5.8348	Zero copy transfer	0
		pub_loop_res_max (ms)	8.9884		
		pub_loop_res_mean (ms)	1.7314		
		pub_loop_res_variance (ms)	0.0168		
		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 (%)	0.0415		
		max_ram_usage (MB)	32.15		