Performance cyclonedds
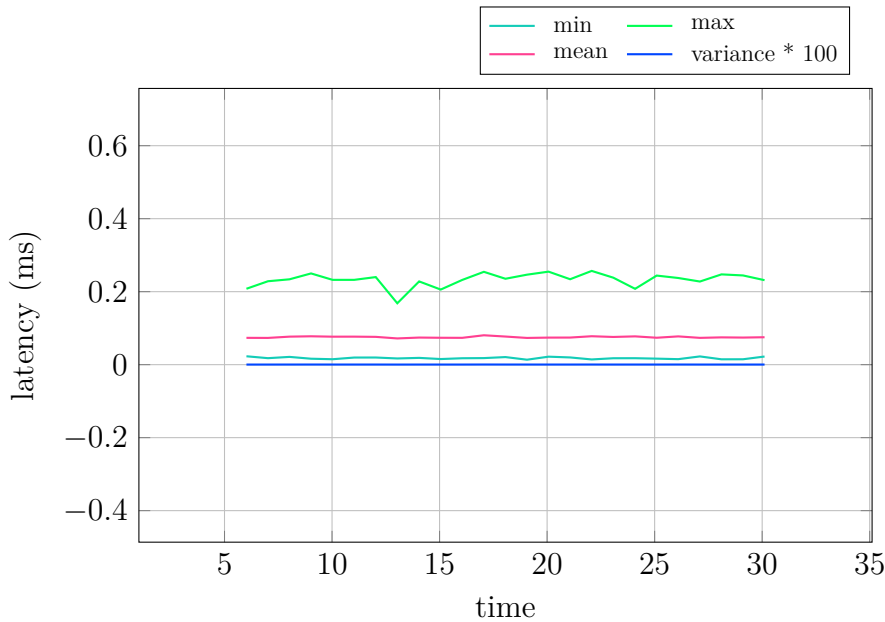
Latencies
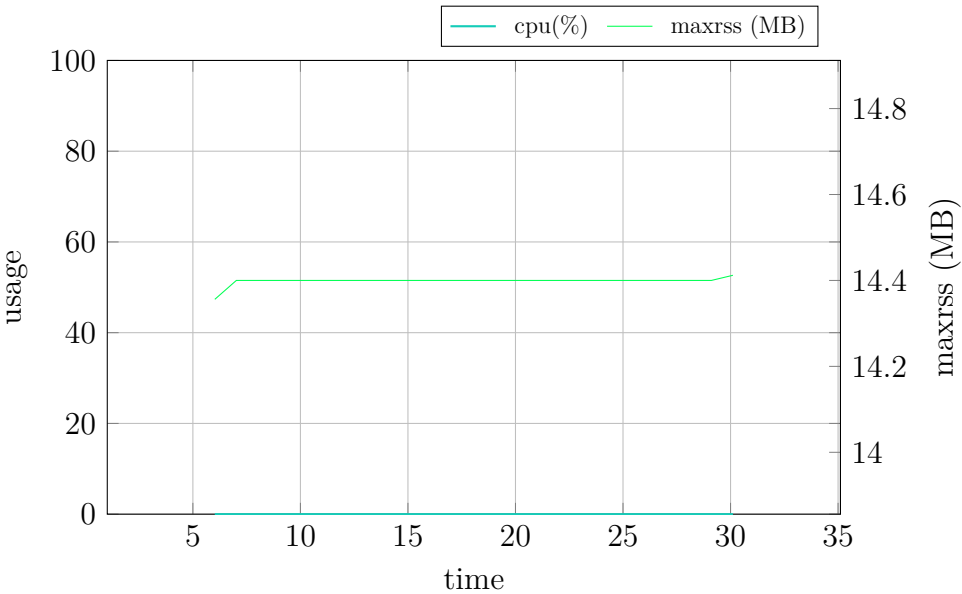
Resource usage (man getrusage)

test setup		**average results**		**environment**	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	20	T_loop	1.0038	Memory check enabled	0
Topic name	Struct16	received	190.8	Msg name	Struct16
Number of publishers	1	sent	19.08	QOS Durability	VOLATILE
Number of subscribers	10	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	6395.6	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.018	QOS Sync. pub/sub	0
		latency_max (ms)	0.2328	RMW Implementation	rmw_cyclonedds_cpp
		latency_mean (ms)	0.0754	Roundtrip Mode	NONE
		latency_variance (ms)	0.0	With security	0
		pub_loop_res_min (ms)	34.34	Zero copy transfer	0
		pub_loop_res_max (ms)	48.3044		
		pub_loop_res_mean (ms)	41.4296		
		pub_loop_res_variance (ms)	0.0201		
		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 (%)	0.0		
		max_ram_usage (MB)	14.41		