Performance cyclonedds
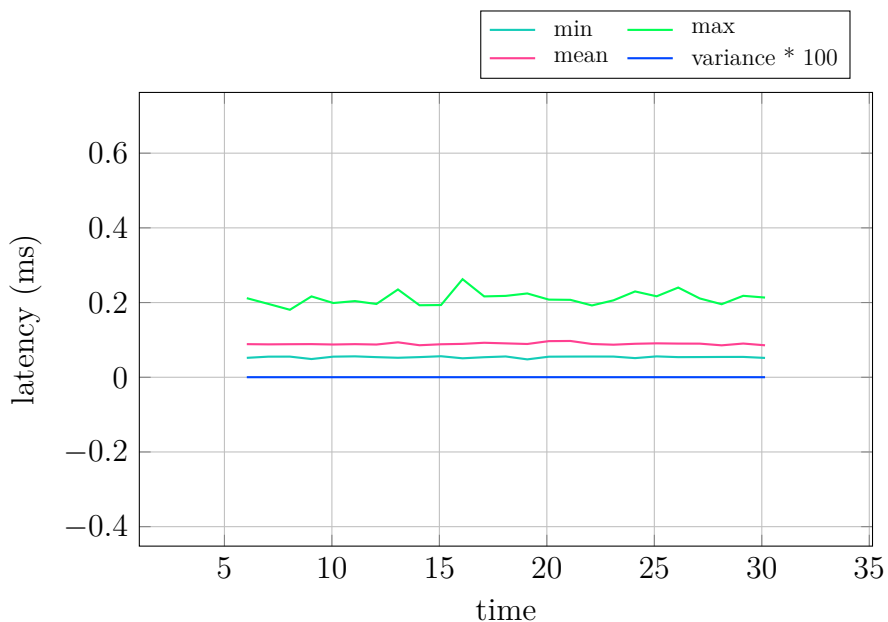
Latencies
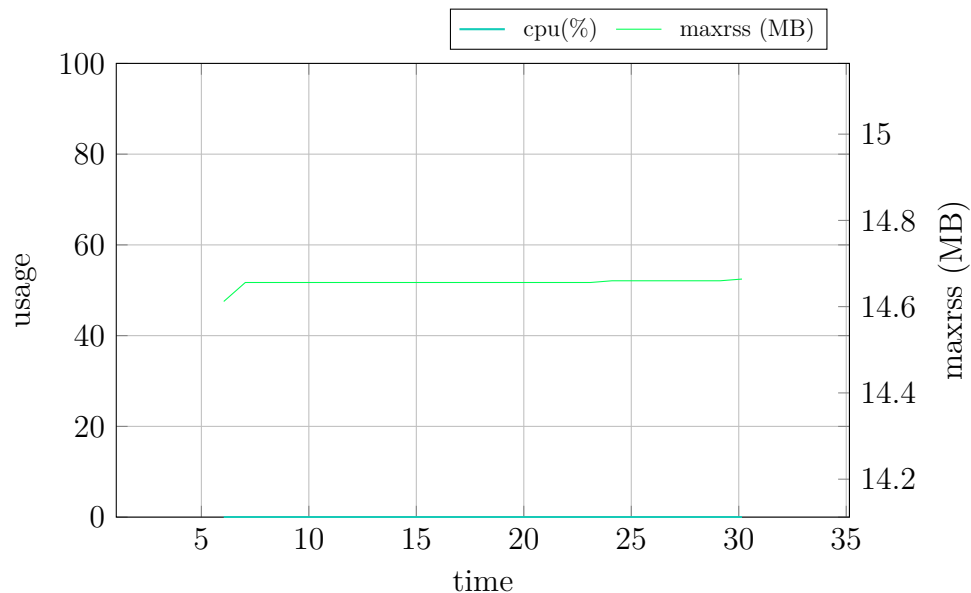
Resource usage (man getrusage)

test setup		**average results**		**environment**	
Performance Test Version		Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	20	T_loop	1.0044	Memory check enabled	0
Topic name	Struct16	received	190.8	Msg name	Struct16
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	data_received	6391.2	QOS History kind	KEEP_LAST
DDS domain id	0	latency_min (ms)	0.0538	QOS Reliability	RELIABLE
Single participant	-	latency_max (ms)	0.2114	QOS Sync. pub/sub	0
		latency_mean (ms)	0.0896	RMW Implementation	rmw_cyclonedds_cpp
		latency_variance (ms)	0.0	Roundtrip Mode	NONE
		pub_loop_res_min (ms)	inf	With security	0
		pub_loop_res_max (ms)	-inf	Zero copy transfer	0
		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 (%)	0.0		
		max_ram_usage (MB)	14.66		