EDF Scheduler

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Tasks Parameters

There is two tasks

- Task1 { Per=50, P=2, EXE=7.58, D=50 }
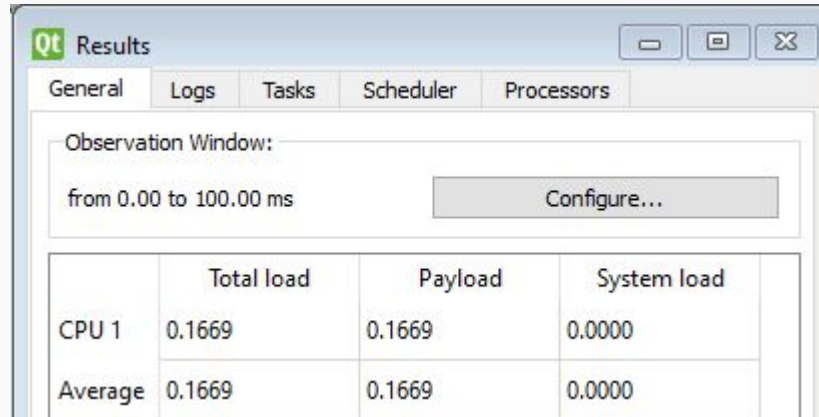- Task2 { Per=100, P=1, EXE=1.5, D=100 }

id	Name	Task type	Abort on miss	Act. Date (ms)	Period (ms)	List of Act. dates (ms)	Deadline (ms)	WCET (ms)	Followed by	priority
1	TASK T1	Periodic ▼	☐ No	0	50	-	50	7.58	▼	2
2	TASK T2	Periodic ▼	☐ No	0	100	-	100	1.53	▼	1

CPU Load calculations

Analytical method

$$U = (7.58/50) + (1.5/100) = 0.1669 = 16.69 \%$$

Simso

Schedulability

Analytical Method

$$U = (7.58/50) + (1.5/100) = 0.1669 < 1 \;\; \text{--> System is schedulable}$$

Simso
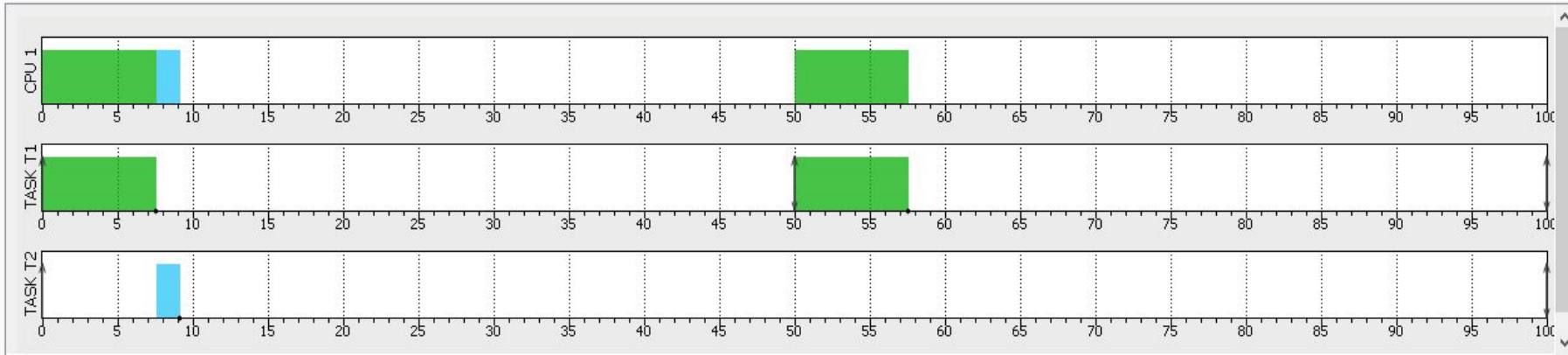
Schedulability

Run time