Event Driven

These only for non-periodic task, the number of task is vary

Optimal	EDF	LST (Strict)	LRT
Processor	1	1	1
Preemptable	Yes	Yes	Yes
Period / Deadline	Arbitrary	Arbitrary	Arbitrary
Dynamic	Task	Job	Task

For Periodic Task

If there is any feasible fixed priority schedule for T

Optimal	DM	RM
Processor	1	1
Preemptable	Yes	Yes
Dependencies	independent*	independent
Period / Deadline	P > = D	P = D

* no precedence or sharing (e.g. finish task A then can do task B)

Schculable Utilization and Utilization

Utilization = E(ei/pi)

	EDF	RM
P = D	SU = 1	SU = n(2^(1/n) - 1)
P > D	SU = E(ei/min(pi,Di))	don't now