# pyJMT docs

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Table 1: Supported features (everything in full is covered by tests)

| JMT Feature | Support | Notes |
|---|---|---|
| Distributions | Full | Deterministic, Exponential, Erlang, Gamma, Hyperexponential, Coxian, Logistic, Normal, Pareto, Uniform, Replayer, Weibull |
| Nodes | Full | Source, Sink |
| Routing | Full | Random, Round Robin |
| Scheduling | Full | FCFS, FCFS-PR, LCFS, LCFS-PR, SIRO (Random), SJF, SEPT, LJF, LEPT, PS, DPS, GPS, LPS, SRPT |
| Routing | Partial | Probabilities |
| Metrics | Partial | Number of customers, Residence Time, Throughput, Response Time, Throughput per sink, Utilization, Arrival Rate |
| Classes | Partial | Open class, Closed class |
| Nodes | Partial | Delay, Queue, Router |
| Distributions | No | Phase-Type, Burst (MAP), Burst (MMPP2), Burst (General), Disabled |
| Classes | No | Class priorities |
| Nodes | No | Scaler, Zero Service Time, Semaphore, Finite Capacity Region, ClassSwitch, Place, Logger, Transition |
| Routing | No | Shortest Response Time, Least Utilization, Fastest Service, Load Dependent, Class Switch Routing, Join the Shortest Queue |
| Metrics | No | Drop rate, Response time per sink, Power |
| Scheduling | No | HOL, Polling |
| Mechanisms | No | Load Dependence, Retrial, Impatience, Setup times |