

DYMO Code

[General]

`network = DYMONetwork`

`#record-eventlog = true`

`# debug-on-errors = true`

`*.numHosts = 80`

`num-rngs = 3`

`** .mobility.rng-0 = 1`

`** .wlan[*].mac.rng-0 = 2`

`tkenv-plugin-path = ../../../../etc/plugins`

mobility

`** .host[*].mobilityType = "RandomWPMobility"`

`** .host[*].mobility.speed = (2mps)`

`** .mobility.constraintAreaMinZ = 0m`

`** .mobility.constraintAreaMaxZ = 0m`

`** .mobility.constraintAreaMinX = 0m`

`** .mobility.constraintAreaMinY = 0m`

`** .mobility.constraintAreaMaxX = 1500m`

`** .mobility.constraintAreaMaxY = 1500m`

traffic

`** .host[0].udpApp[0].typename = "UDPBasicBurst"`

`** .numUdpApps = 1`

`** .host[0].udpApp[0].localPort = 1234`

`** .host[*].udpApp[0].typename = "UDPBasicBurst"`

`** .host[0].udpApp[0].destAddresses = "host[1]"`

`** .udpApp[0].destAddresses = " "`

`** .udpApp[0].localPort = 1234`

`** .udpApp[0].destPort = 1234`

`** .udpApp[0].messageLength = 512B`

`** .udpApp[0].sendInterval = 0.5s`

`** .udpApp[0].burstDuration = 0`

```
** .udpApp[0].chooseDestAddrMode = "perBurst"  
** .udpApp[0].sleepDuration = 1s  
** .udpApp[0].startTime = 1s  
** .udpApp[0].delayLimit = 20s  
** .udpApp[0].destAddrRNG = 0
```

channel physical parameters

```
** .wlan[*].typename = "IdealWirelessNic"  
** .wlan[*].bitrate = 2Mbps  
** .wlan[*].mac.address = "auto"  
** .wlan[*].mac.headerLength = 20B  
** .wlan[*].radioType = "IdealRadio"  
** .wlan[*].radio.transmitter.headerBitLength = 0b  
** .wlan[*].radio.transmitter.maxCommunicationRange = 250m  
** .wlan[*].radio.transmitter.maxInterferenceRange = 0m  
** .wlan[*].radio.transmitter.maxDetectionRange = 0m  
** .wlan[*].radio.receiver.ignoreInterference = true
```