

- Node parameters (e.g., position and address)
- Microcontroller parameters (e.g., clock frequency and voltage)
- RF Transceiver parameters (e.g., TX power and RX sensitivity)
- Peripheral parameters (e.g., battery discharge rate and sensor data source)
- Protocol parameters (e.g., MAC algorithm parameters)
- Network parameters (e.g., PER and attenuation index)
- Application parameters (e.g., duty cycle and number of nodes)

Input XML file

IDEA1

Output Log file

GUI visualization

VCD file

Debug Information
Simulation results, e.g.,
Energy consumption
Packet delivery rate
Packet delivery latency

