How to get started?

Version 1.1

1. Provide the network speed in bits per second. If the intended speed is 250Kbps then 250000 should be entered.
2. Select the speed of Ethernet. There are only two options available: 10 Mbit/s and 100 Mbit/s.
3. Select the percentage bandwidth reservations for Class A and Class B traffic in Ethernet.
4. Create at least two new node by clicking the “New Node” button.
5. After creating the nodes, create CAN messages by clicking the “New CAN Message” button. Enter the required parameters.
6. Create Ethernet messages by clicking the “New Ethernet Message” button. Enter the required parameters.
7. Click the “Analyze” button to calculate the worst-case response times of CAN messages, Ethernet messages, end-to-end response times of CAN-Ethernet global messages and the network utilization.

Version 0.3

1. Provide the network speed in bits per second. If the intended speed is 250Kbps then 250000 should be entered.
2. Create a new node by clicking the “New Node” button. Specify the type of transmit buffers used in the CAN controller of the node. There are six nodes in the test input. Hence, six nodes should be created with any choice of transmit buffers.
3. After creating the nodes, create messages by clicking the “New Message” button. Enter the required parameters. Alternatively, you can also load messages from the test file “JSA-WATERS-81.dat”. This file includes 81 messages out of which 27 are periodic, 27 are sporadic, and the remaining 27 are mixed.
4. Click the “Analyze” button to calculate the worst-case response times of messages and network utilization.