Application
User Manual

HOW Tos:

- **Using Workspace**
- **Start new project**
- **Adding nodes**
- **Adding edges**
- **Modify edge value**
- **Modify node name**
- **Calculate transfer function**
- **Show current system details**

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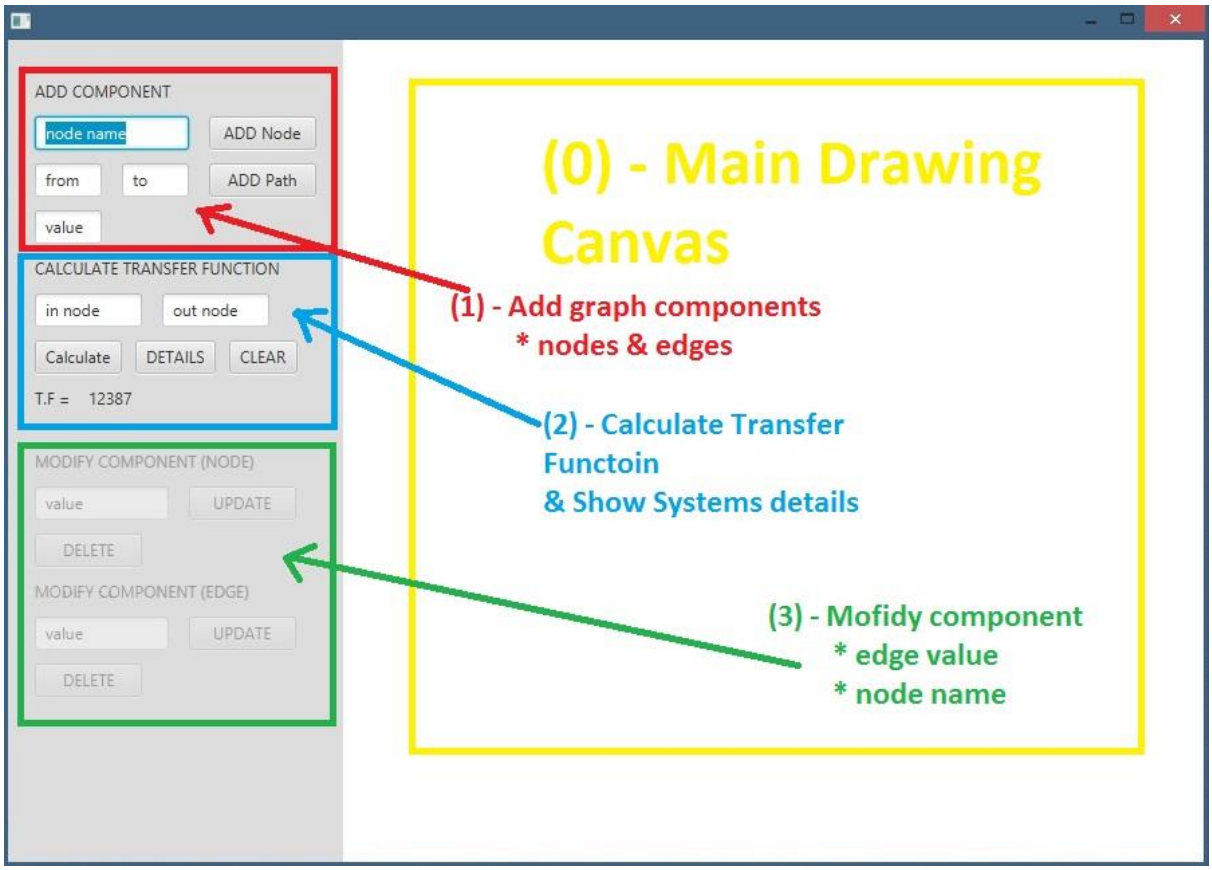
USING WORKSPACE



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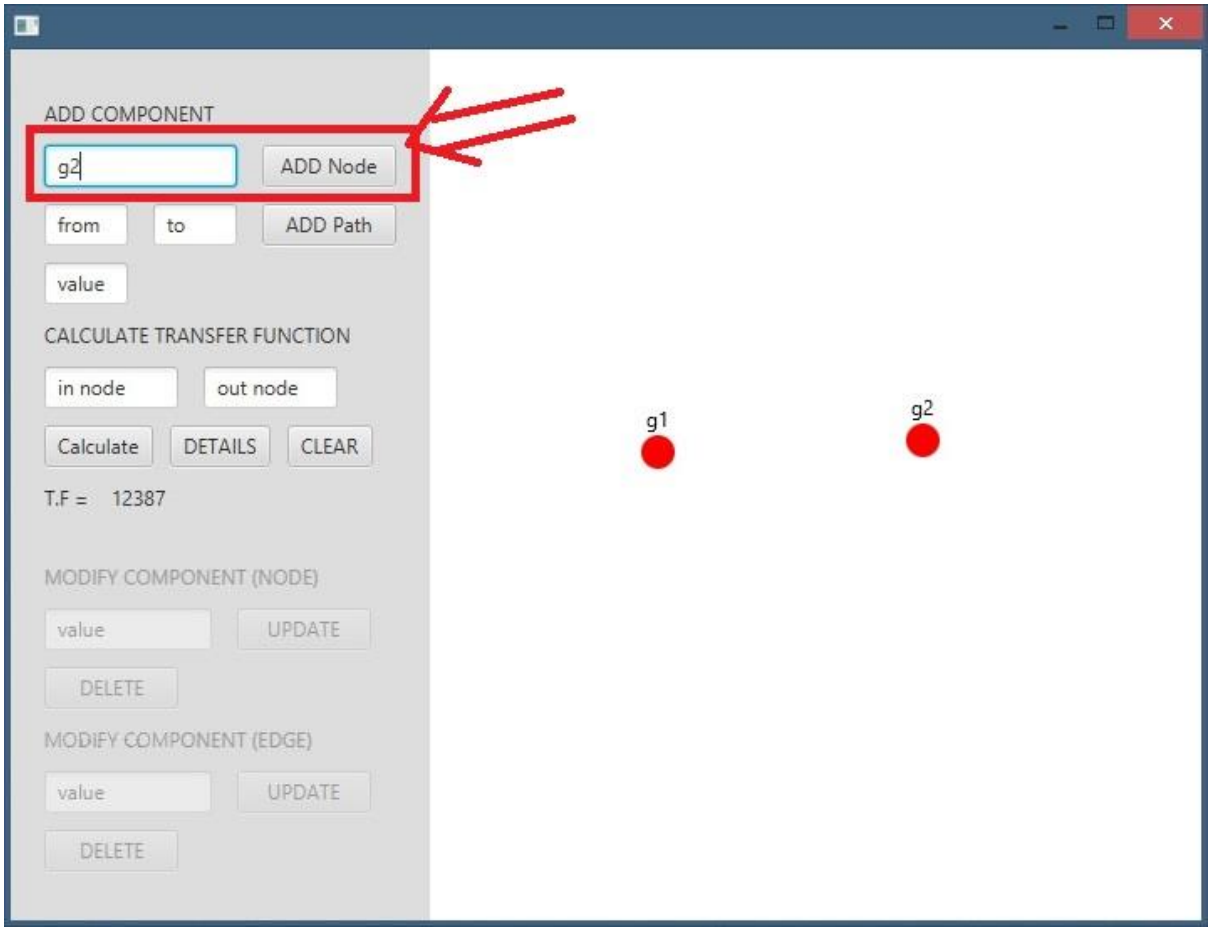
ADDING NODES

1) Type in node name in the “Node Name” text box
2) Click “ADD Node” button

And the node will appear in the working canvas

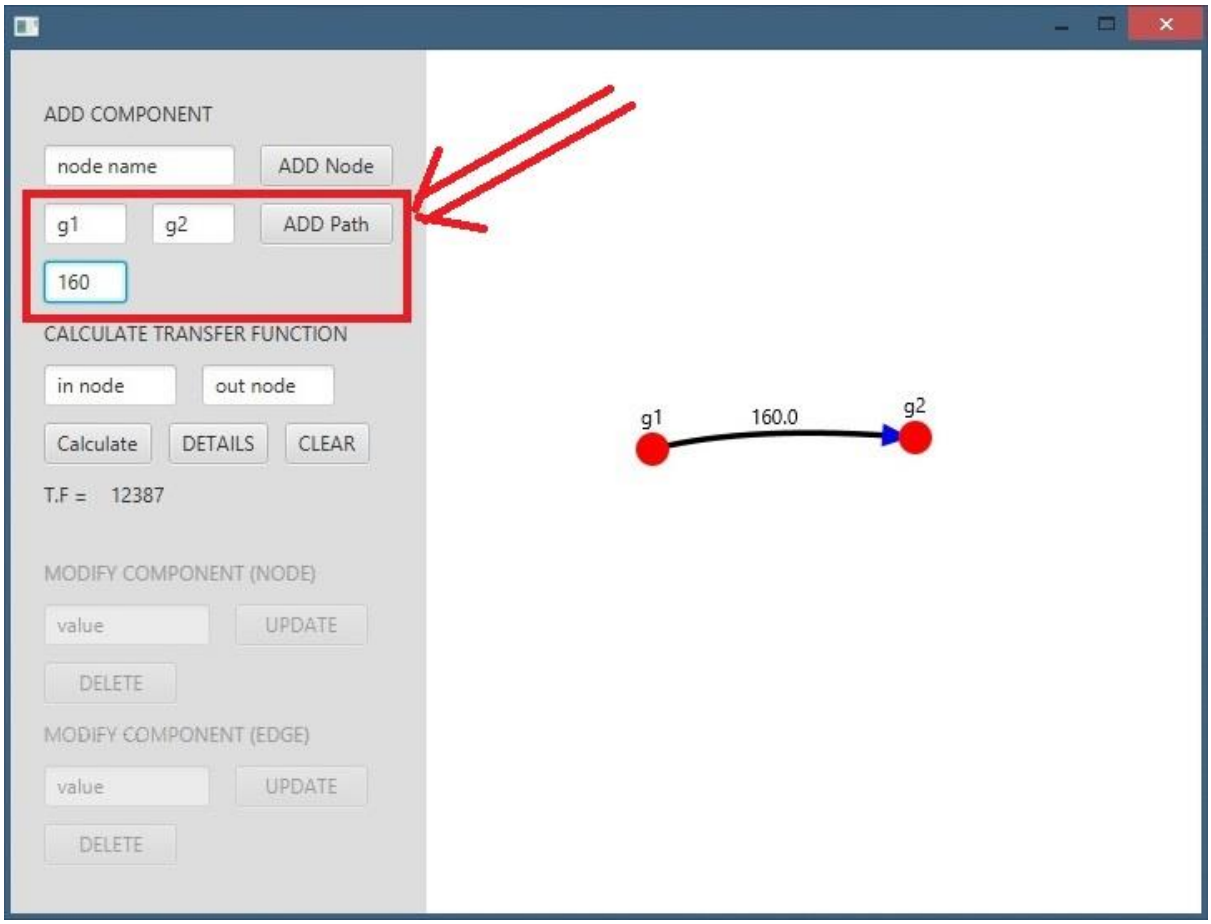


Note : You Can Drag Nodes Around Freely

ADDING PATHS

1) Specify “From Node” name & “To Node” name in “from” & “to” text boxes respectively
2) Specify the “Gain” of the EDGE in the “value” text box
3) Click “ADD Path” button

And the path will appear in the working canvas as specified

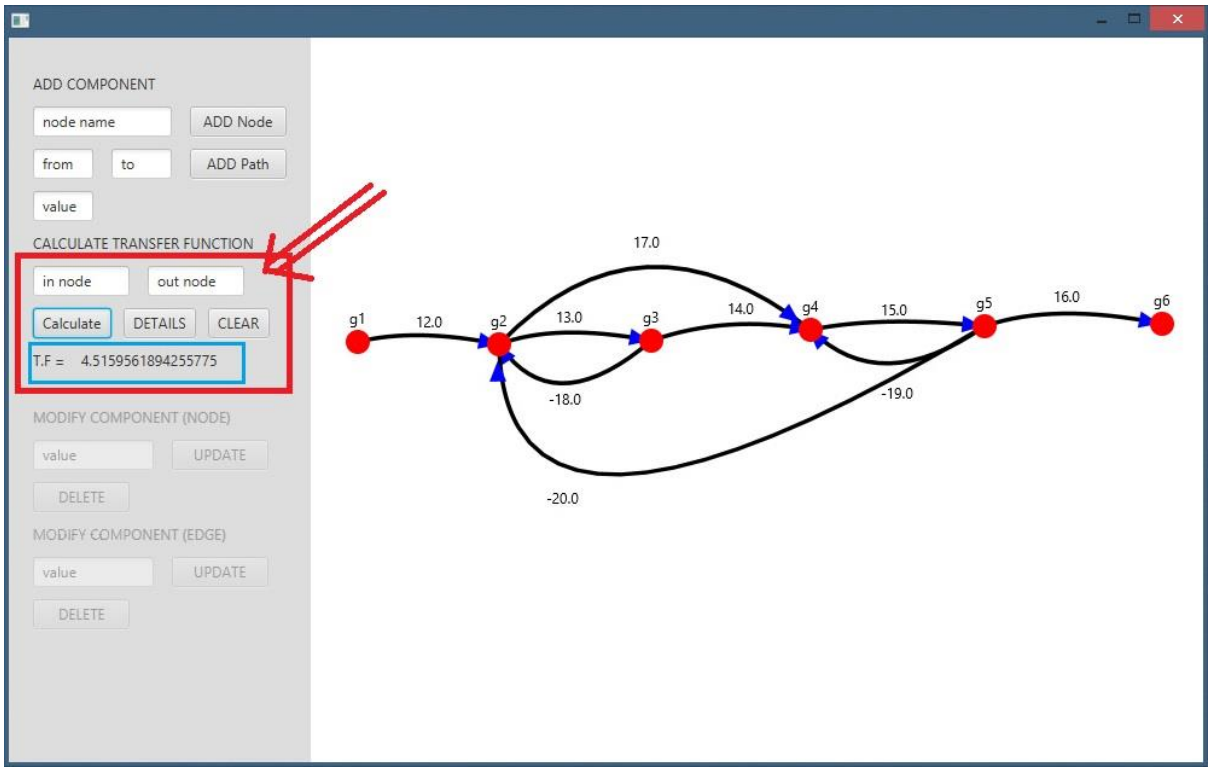


Note : You Can Drag Paths Around Freely

CALCULATE TRANSFER FUNCTION

1) Specify “Input Node” name & “Output Node” name in “input node” & “output node” text boxes respectively
2) Click “Calculate” button

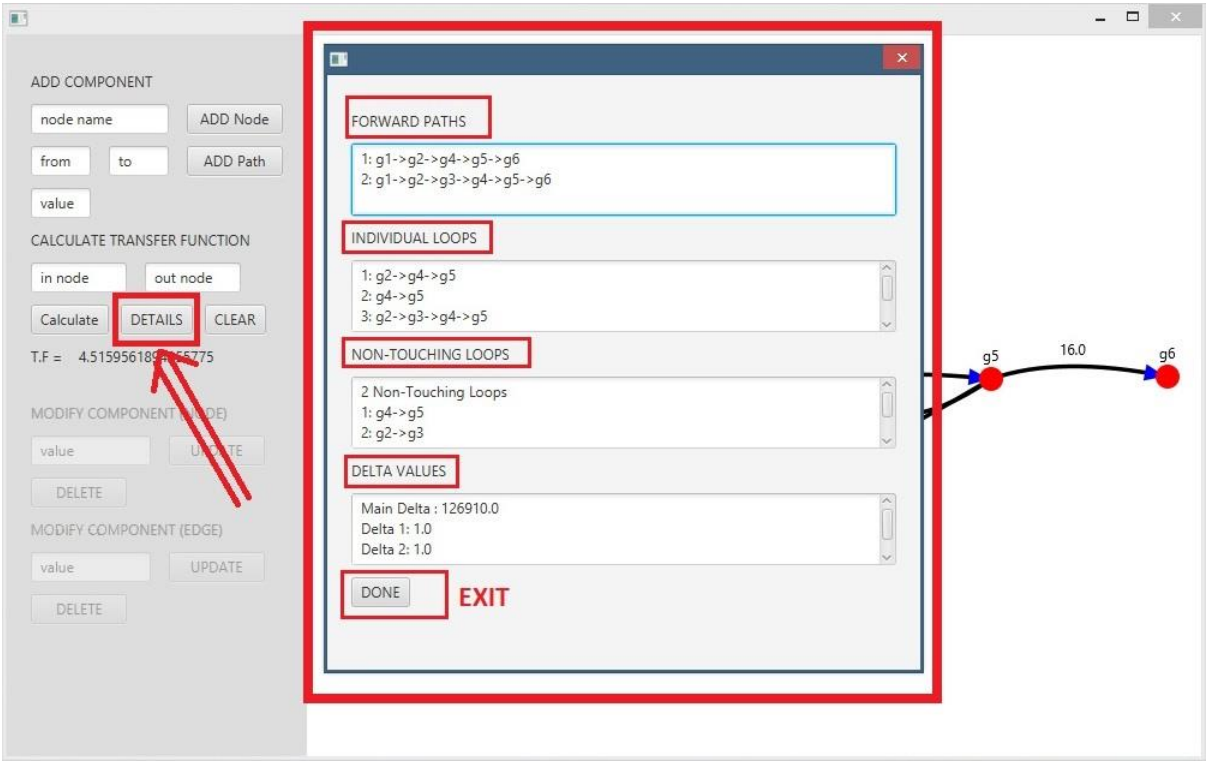
And Transfer Function value will show up in the value text box



VIEW SYSTEM DETAILS

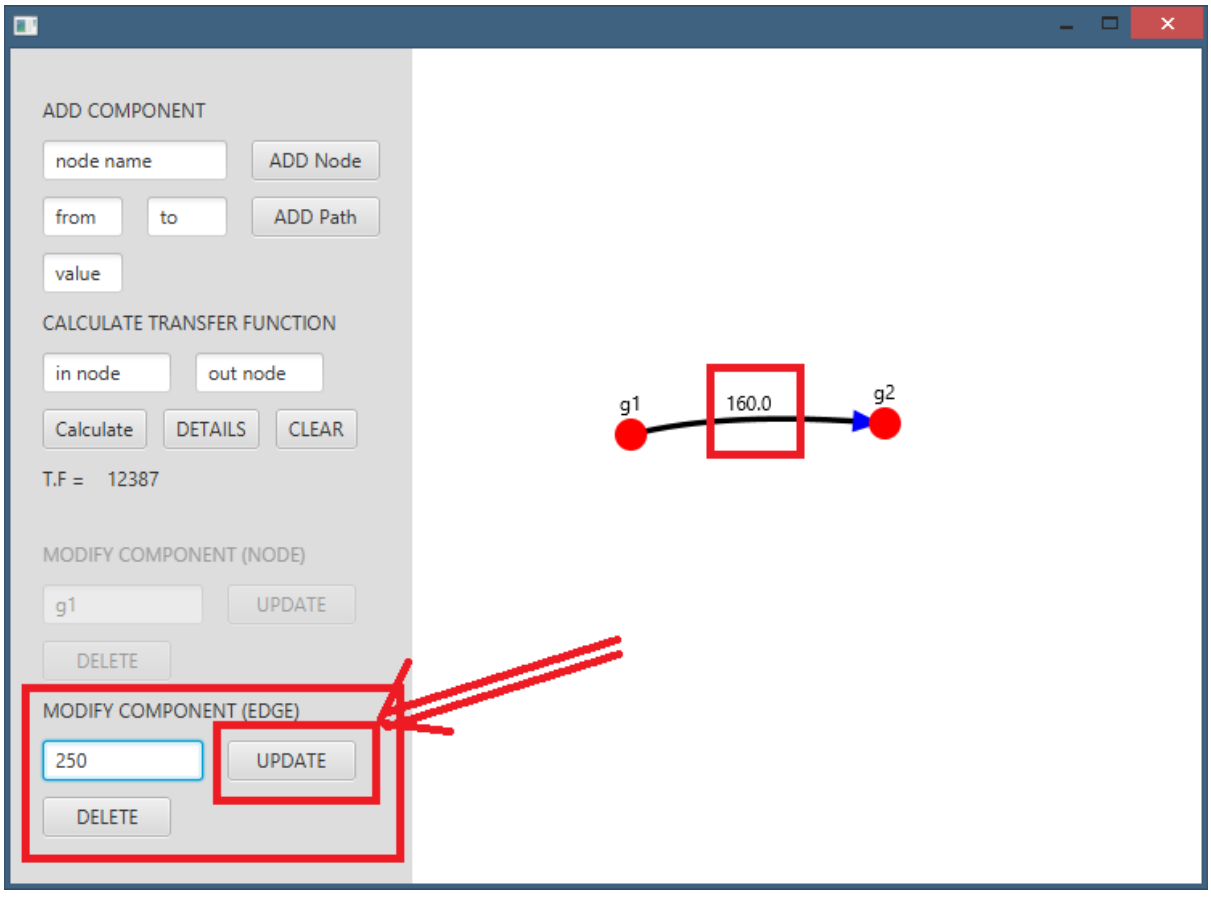
1) Click on “Details” button
2) Popup window will show up containing Control Systems info

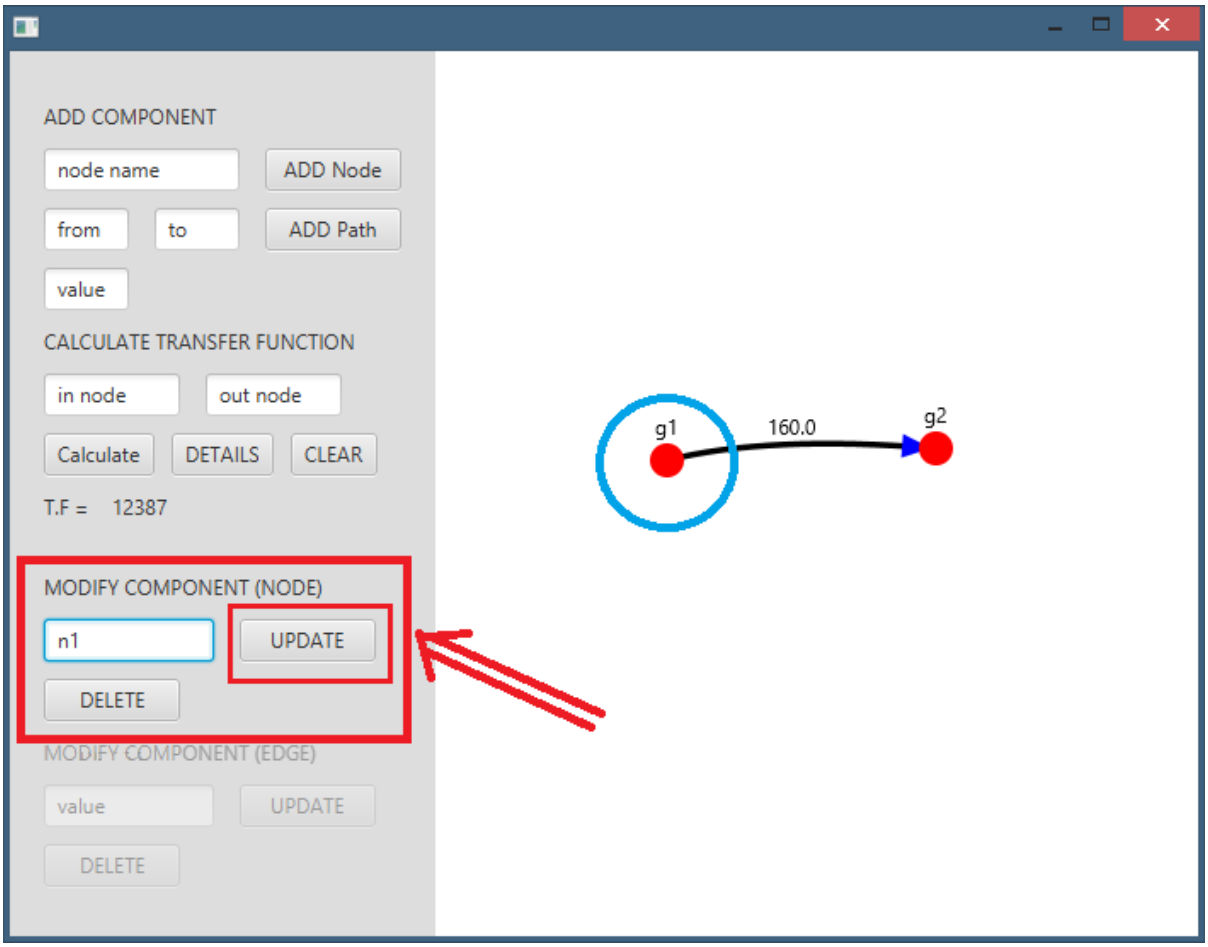
- Forward Paths
- Individual Loops
- Non-Touching Loops
- Delta Values



UPDATE PATH GAIN VALUE

1) Double click the path you wish to modify
2) “Modify Path” module in the side panel will get enabled
3) Enter path’s new gain value and click “Update” button



UPDATE NODE NAME

1) Double click the node you wish to modify
2) “Modify Node” module in the side panel will get enabled
3) Enter node new name and click “Update” button