BiServer10.vi
C:\USR\1k5\22-23\KSI\IT922\P\TCP\BiServer10.vi
Last modified on 08.10.2010 at 11:20
Printed on 17.12.2022 at 07:22
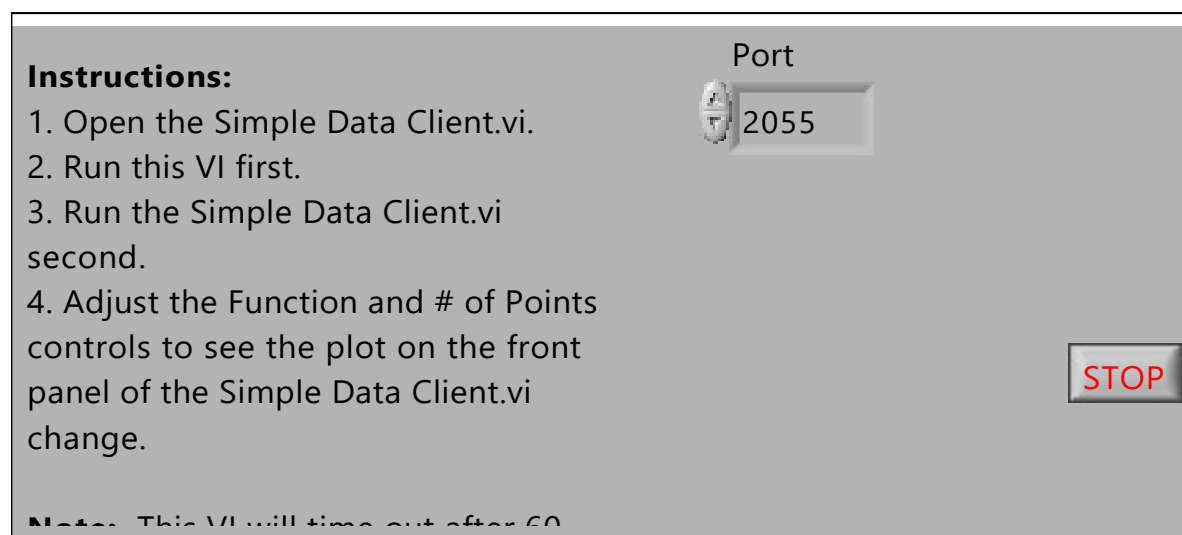

Connector Pane

BiServer10.vi

Demonstrates how to set up a basic TCP connection, send data to the specified port once a connection has been established, and terminate the connection once the data has been sent. This V is designed to stop if the TCP connection is terminated.
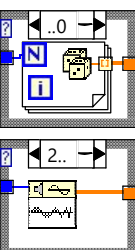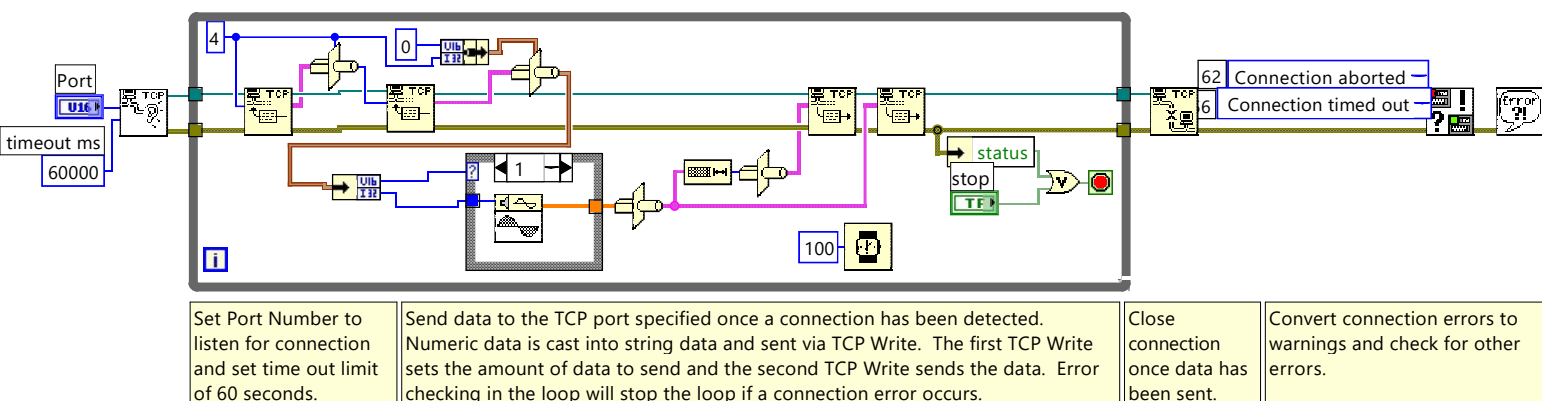
The data sent in this example is an array consisting of one of three user selectable waveforms.

<B>Note:</B> Requires the Simple Data Client.vi located in the same library as this VI.

Front Panel

Port
2055

Instructions:
1. Open the Simple Data Client.vi.
2. Run this VI first.
3. Run the Simple Data Client.vi second.
4. Adjust the Function and # of Points controls to see the plot on the front panel of the Simple Data Client.vi change.

Note: This VI will time out after 60

STOP

Block Diagram

Port

timeout ms
60000

62 Connection aborted
6 Connection timed out

status
stop

| Set Port Number to listen for connection and set time out limit of 60 seconds. | Send data to the TCP port specified once a connection has been detected. Numeric data is cast into string data and sent via TCP Write. The first TCP Write sets the amount of data to send and the second TCP Write sends the data. Error checking in the loop will stop the loop if a connection error occurs. | Close connection once data has been sent. | Convert connection errors to warnings and check for other errors. |

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