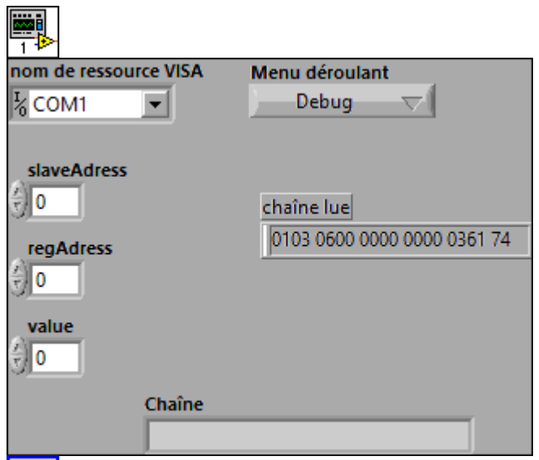
sa32_v2.vi



slaveAdress

regAdress

value

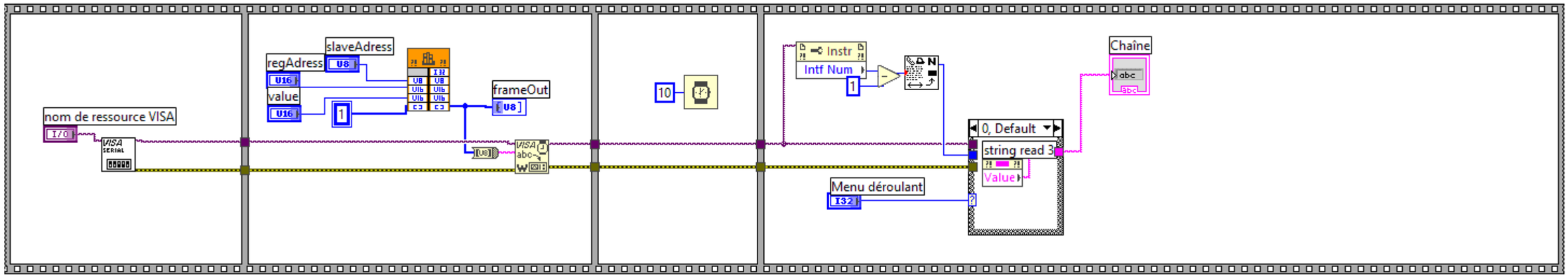
nom de ressource VISA

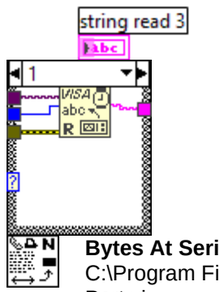
Menu déroulant

frameOut

chaîne lue[string read 3] Le VI retourne les octets lus dans chaîne lue.

Chaîne





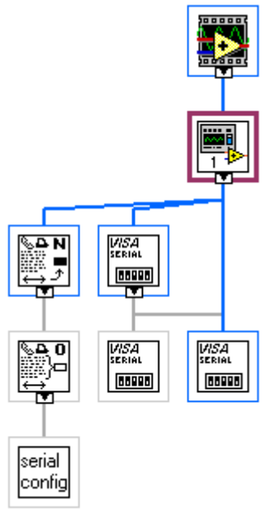
Bytes At Serial Port.vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr\serial.llb\Bytes At Serial Port.vi

VISA Configure Serial Port (Instr).vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr_visa.llb\VISA Configure Serial Port (Instr).vi

VISA Configure Serial Port
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr_visa.llb\VISA Configure Serial Port

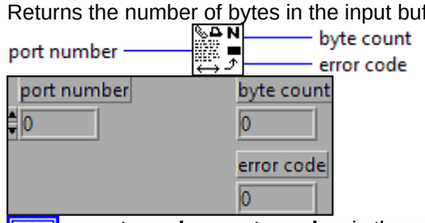
"sa32_v2.vi History"
Current Revision: 15

Position in Hierarchy



Iconified Cluster Constants

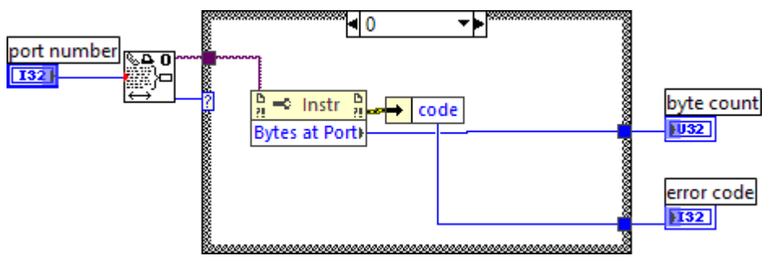
Bytes At Serial Port.vi
Returns the number of bytes in the input buffer of the serial port indicated in **port number**.

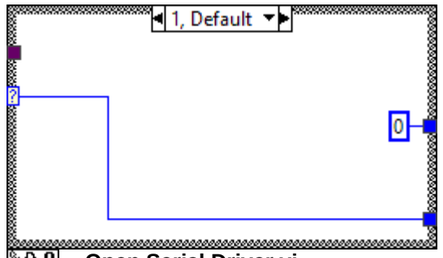


port number port number is the serial port.

byte count byte count is the number of bytes currently in the serial port buffer.

error code error code is the error or warning code. If **error code** is nonzero, an error occurred. You can wire **error code** to one of the error handler VIs, which describe the error and give you options on how to proceed when an error occurs.





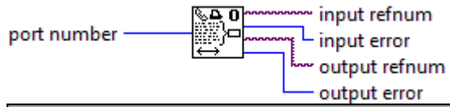
Open Serial Driver.vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr_sersup.llb\Open Serial Driver.vi

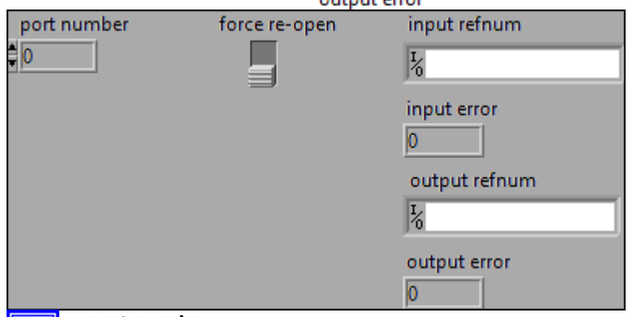
"Bytes At Serial Port.vi History"
Current Revision: 28

Position in Hierarchy

Iconified Cluster Constants

Open Serial Driver.vi





U32 **port number**

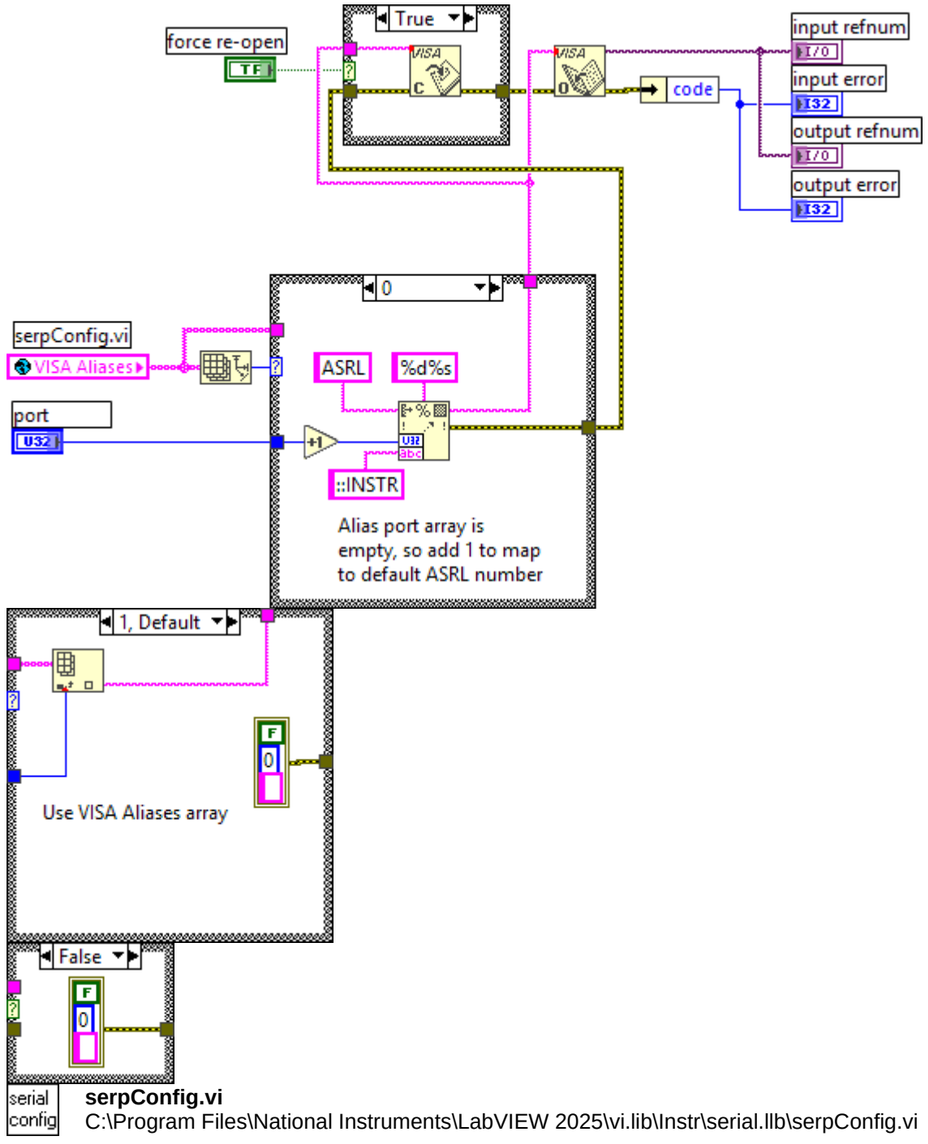
force re-open

input refnum

output refnum

input error

output error



serial config

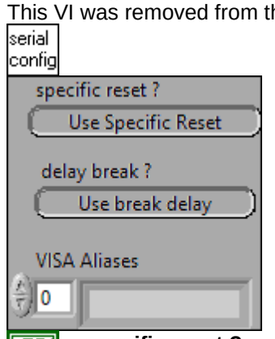
serpConfig.vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr\serial.llb\serpConfig.vi

"Open Serial Driver.vi History"
Current Revision: 17

Position in Hierarchy

Iconified Cluster Constants

serpConfig.vi
This VI was removed from the Functions palette. Use the VIs and functions on the VISA palette to control serial devices. If you use the LabVIEW PDA Module, use this VI for serial communication.



specific reset ?

delay break ?

VISA Aliases

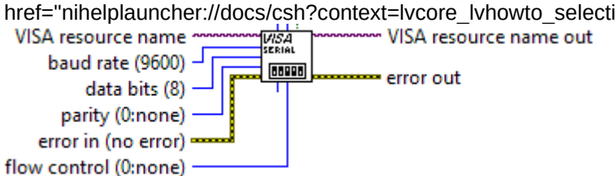
String

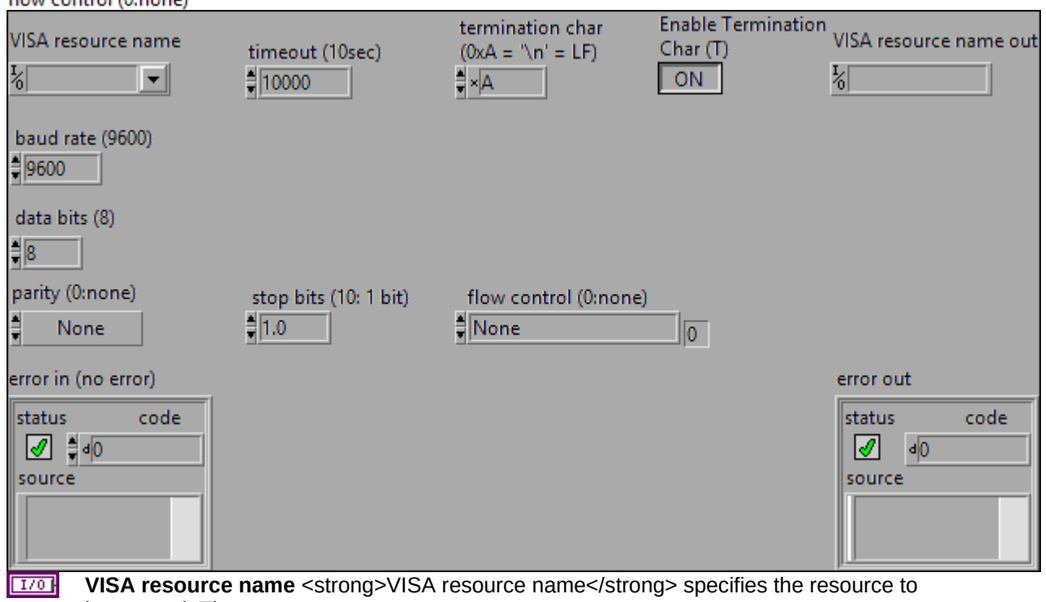
"serpConfig.vi History"
Current Revision: 5

Position in Hierarchy

Iconified Cluster Constants

VISA Configure Serial Port (Instr).vi
Initializes the serial port specified by VISA resource name to the specified settings. Wire data to the VISA resource name input to determine the polymorphic instance to use or manually select the instance.





I/O **VISA resource name** VISA resource name specifies the resource to be opened. The VISA resource name control also specifies the session and class.

timeout (10sec) timeout specifies the time, in milliseconds, for the write and read operations.

baud rate (9600) baud rate is the rate of transmission.

data bits (8) data bits is the number of bits in the incoming data.

parity (0:none) parity specifies the parity used for every frame to be transmitted or received.

termination char (0xA = '\n' = LF) termination char calls for termination of the read operation. The read operation terminates when the termination char is read from the serial device.

error in (no error) error in describes error conditions that occur before this node runs. This input provides standard error in functionality.

- **status status** is TRUE (X) if an error occurred before this node ran or FALSE (checkmark) to indicate a warning or that no error occurred before this node ran. The default is FALSE.
- **code code** is the error or warning code. The default is 0.
- **source source** specifies the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning. The default is an empty string.

stop bits (10: 1 bit) stop bits specifies the number of stop bits used to indicate the end of a frame.

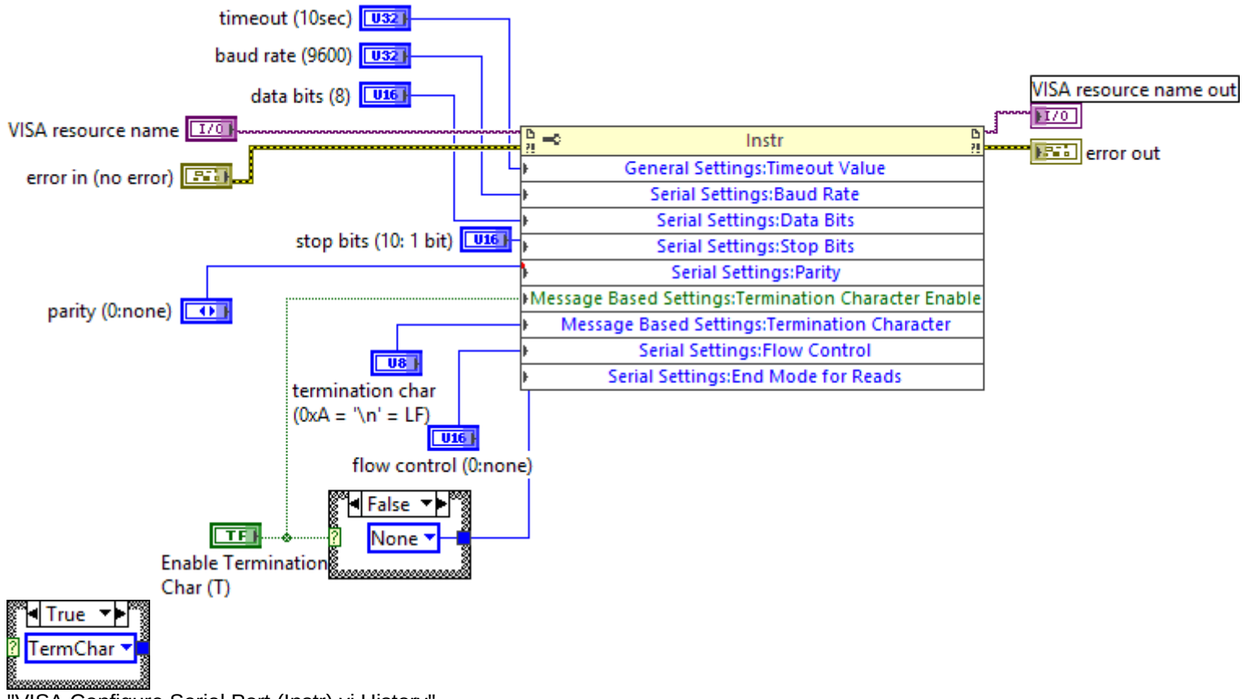
Enable Termination Char (T) Enable Termination Char prepares the serial device to recognize termination char.

flow control (0:none) flow control sets the type of control used by the transfer mechanism.

error out error out contains error information. This output provides standard error out functionality.

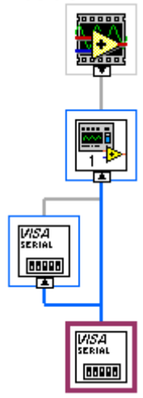
- **status status** is TRUE (X) if an error occurred or FALSE (checkmark) to indicate a warning or that no error occurred.
- **code code** is the error or warning code.
- **source source** describes the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning.

VISA resource name out VISA resource name out is a copy of the VISA resource name that VISA functions return.



"VISA Configure Serial Port (Instr).vi History"
Current Revision: 113

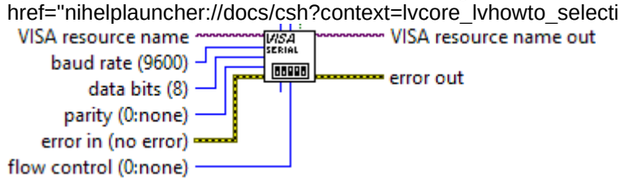
Position in Hierarchy



Iconified Cluster Constants

VISA Configure Serial Port

Initializes the serial port specified by VISA resource name to the specified settings. Wire data to the VISA resource name input to determine the polymorphic instance to use or manually select the instance.

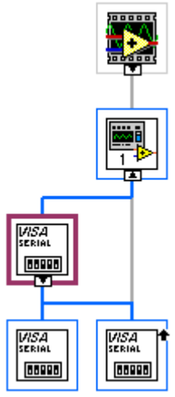


VISA Configure Serial Port (Instr).vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr_visa.llb\VISA Configure Serial Port (Instr).vi

VISA Configure Serial Port (Serial Instr).vi
C:\Program Files\National Instruments\LabVIEW 2025\vi.lib\Instr_visa.llb\VISA Configure Serial Port (Serial Instr).vi

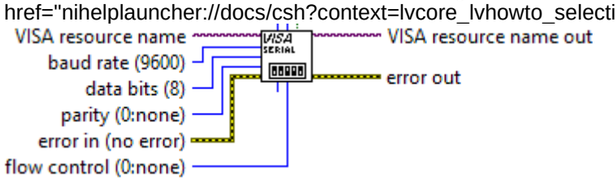
"VISA Configure Serial Port History"
Current Revision: 23

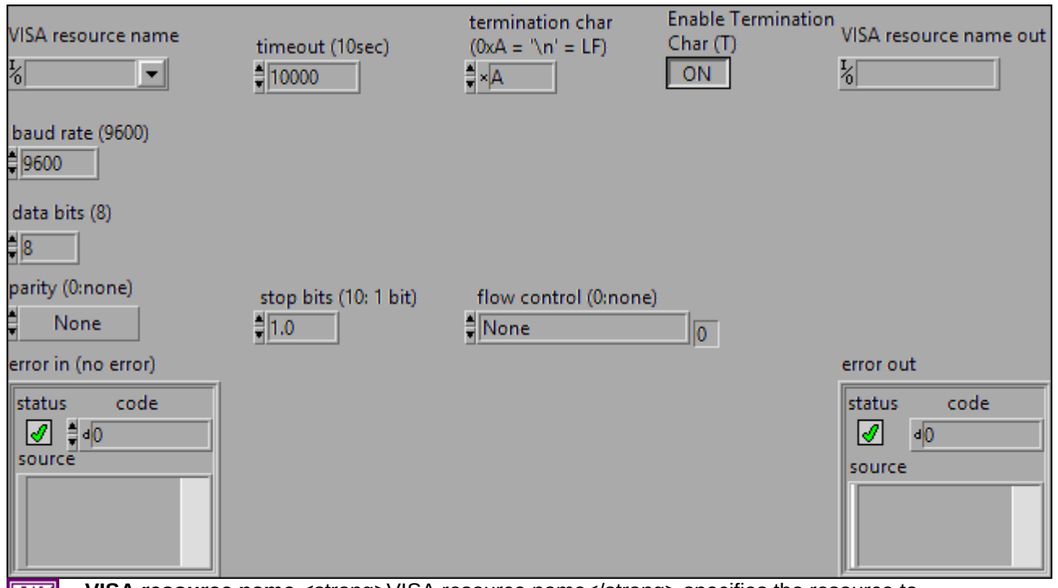
Position in Hierarchy



Iconified Cluster Constants

VISA Configure Serial Port (Serial Instr).vi
Initializes the serial port specified by VISA resource name to the specified settings. Wire data to the VISA resource name input to determine the polymorphic instance to use or manually select the instance.





I/O **VISA resource name** VISA resource name specifies the resource to be opened. The VISA resource name control also specifies the session and class.

U32 **timeout (10sec)** timeout specifies the time, in milliseconds, for the write and read operations.

U32 **baud rate (9600)** baud rate is the rate of transmission.

U16 **data bits (8)** data bits is the number of bits in the incoming data.

parity (0:none) parity specifies the parity used for every frame to be transmitted or received.

U8 **termination char (0xA = '\n' = LF)** termination char calls for termination of the read operation. The read operation terminates when the termination char is read from the serial device.

error in (no error) error in describes error conditions that occur before this node runs. This input provides standard error in functionality.

- TF **status** status is TRUE (X) if an error occurred before this node ran or FALSE (checkmark) to indicate a warning or that no error occurred before this node ran. The default is FALSE.
- I32 **code** code is the error or warning code. The default is 0.
- abc **source** source specifies the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning. The default is an empty string.

U16 **stop bits (10: 1 bit)** stop bits specifies the number of stop bits used to indicate the end of a frame.

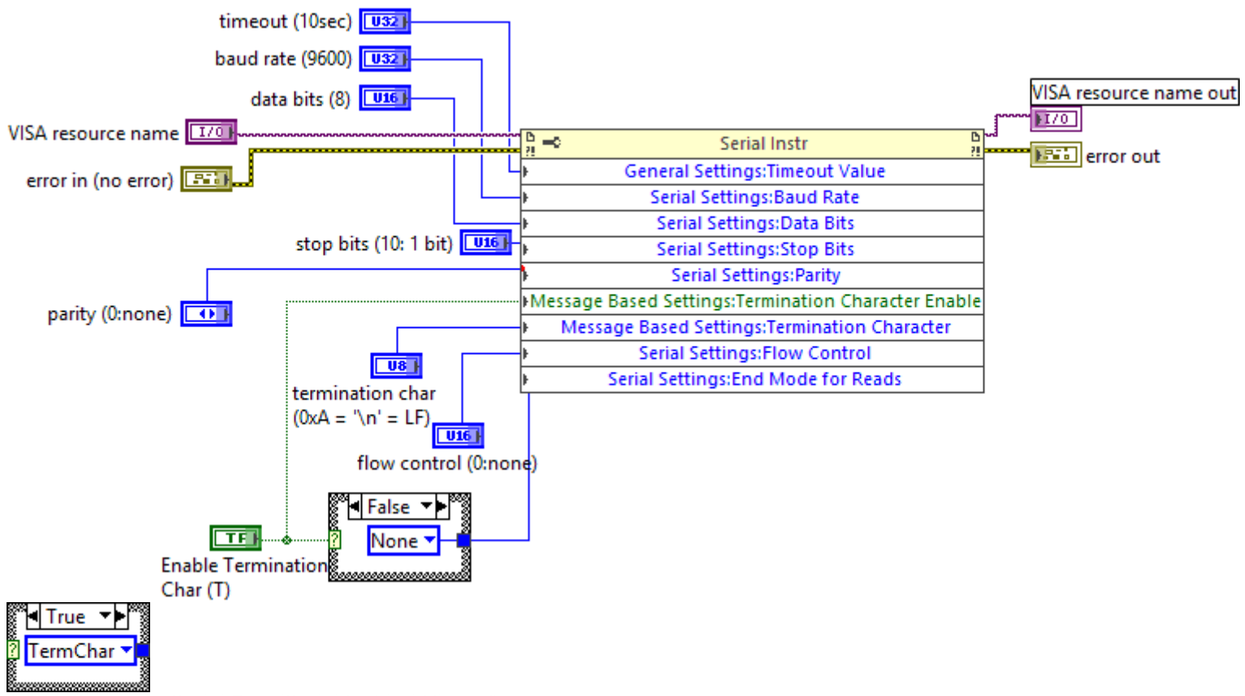
Enable Termination Char (T) Enable Termination Char prepares the serial device to recognize termination char.

flow control (0:none) flow control sets the type of control used by the transfer mechanism.

error out error out contains error information. This output provides standard error out functionality.

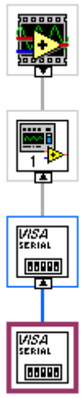
- **status** status is TRUE (X) if an error occurred or FALSE (checkmark) to indicate a warning or that no error occurred.
- **code** code is the error or warning code.
- **source** source describes the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning.

VISA resource name out VISA resource name out is a copy of the VISA resource name that VISA functions return.



"VISA Configure Serial Port (Serial Instr).vi History"
Current Revision: 115

Position in Hierarchy



Iconified Cluster Constants