DL Controller Series

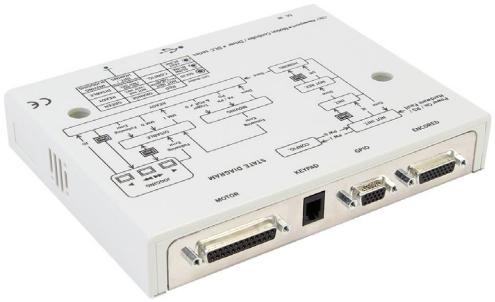
Single-Axis Motion Controller for Delay Line Stages

Newport®

LabVIEW Drivers Manual

V1.0.x

Table of Contents



Single-Axis Motion Controller for Delay Line Stages DL Controller

1.0 Introduction

1.1 Purpose

The purpose of this document is to provide instructions on how to use DLS LabVIEW library.

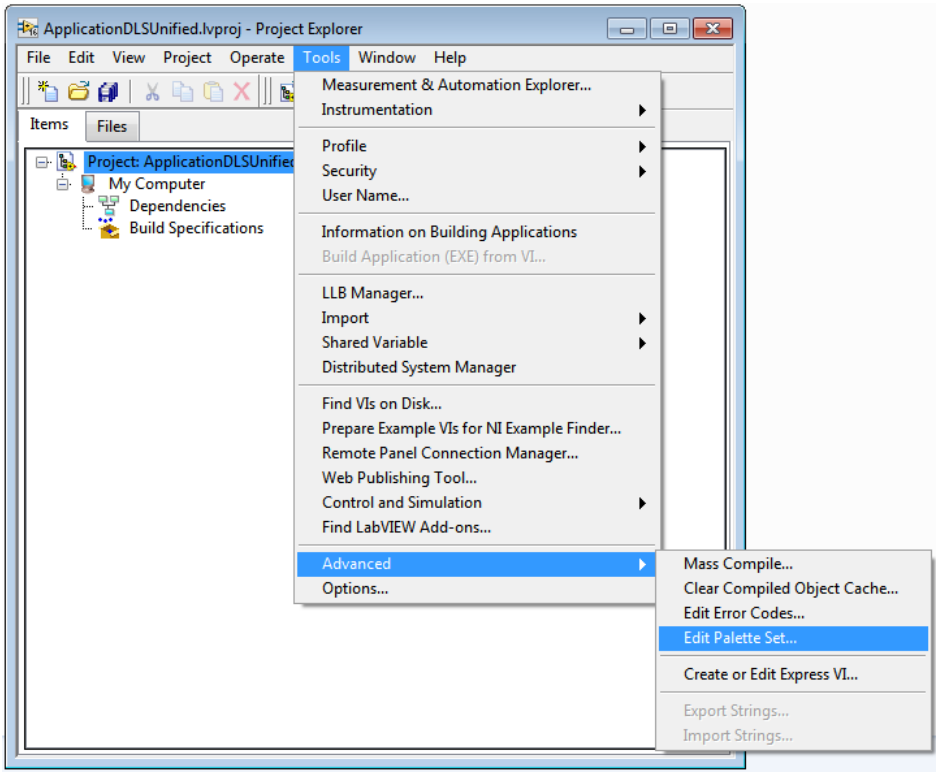
1.2 Requirements

The Windows PC computer requires having the .NET Framework installed and you need to run either Newport.DLS.CommandInterface_x86.exe or Newport.DLS.CommandInterface_x64.exe depending on the Windows version you are using.

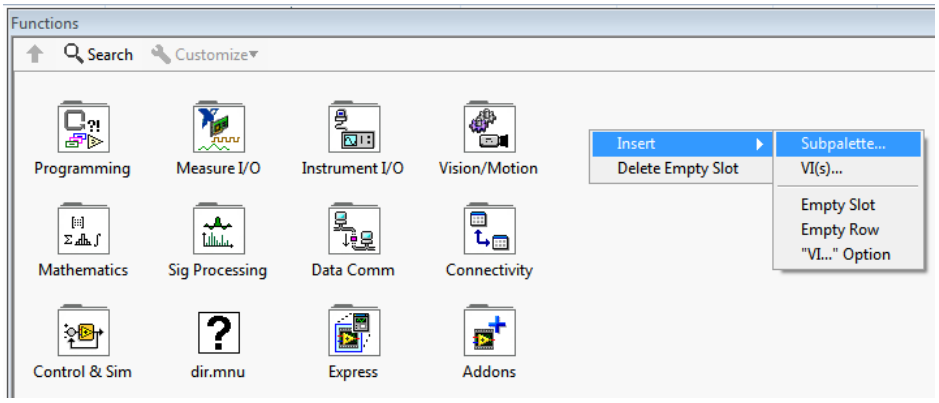
1.3 Use DLS LabVIEW Library

Complete the following steps to use VIs.

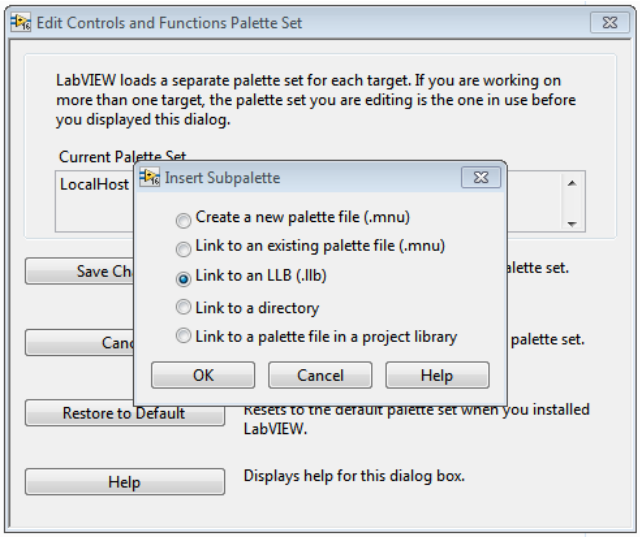
1. Open the palette edit tool via Tools >> Advanced >> Edit Palette Set

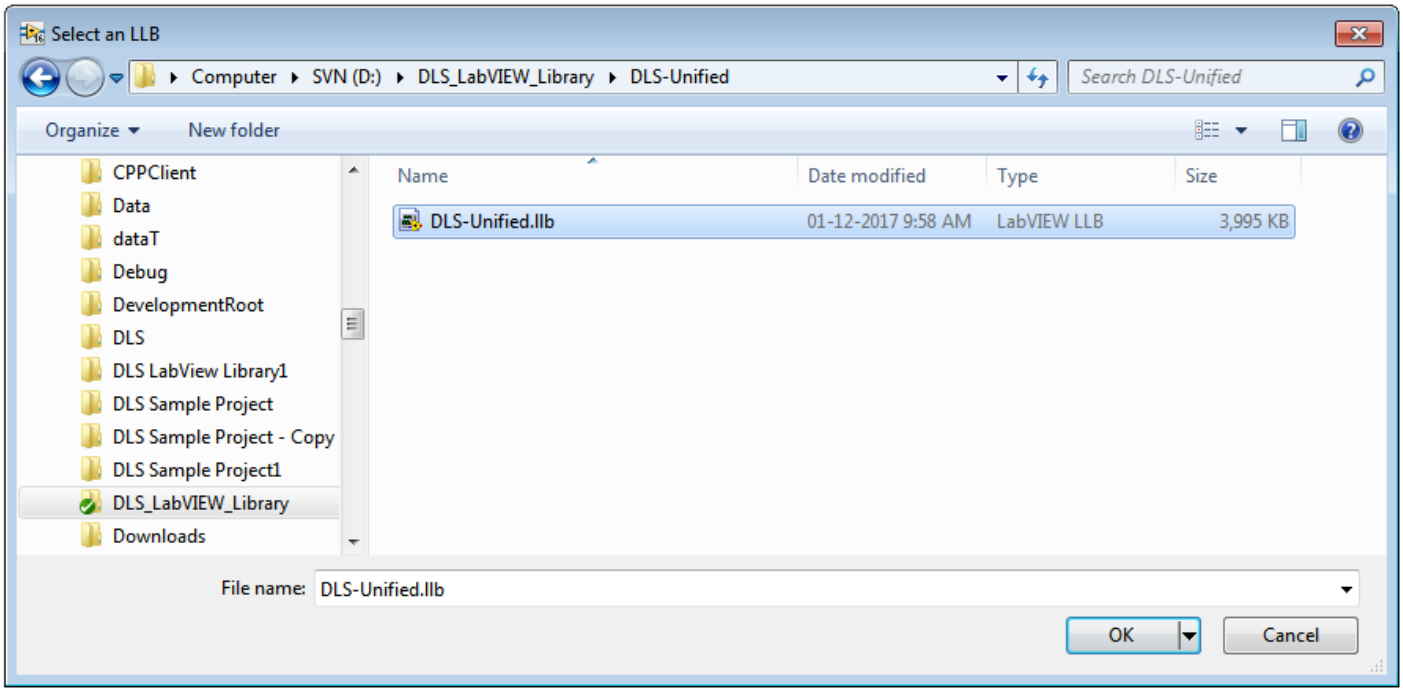


2. Right click and select Insert >> Subpalette.

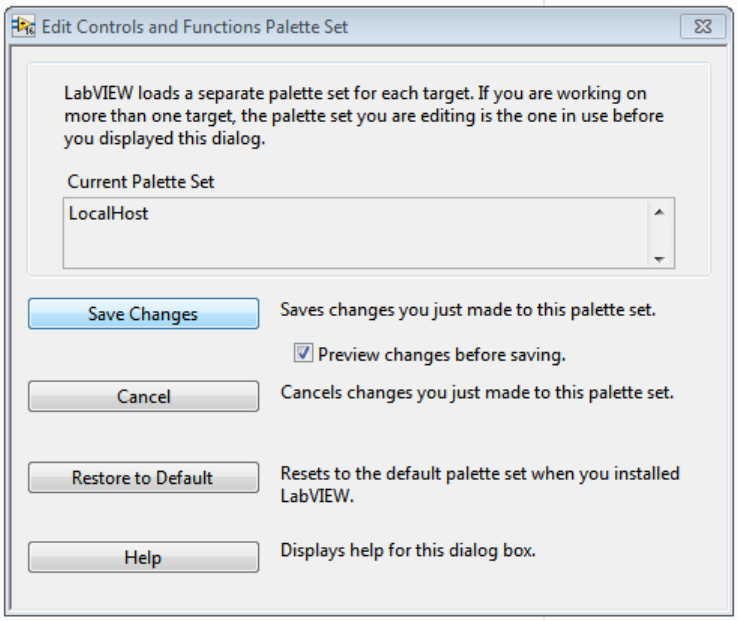


3. On the dialog, select Link to an LLB(.llb). Select the DLS-Unified.llb file.





4. Save changes and use VIs.



2.0 Standard Functions

2.1 AC_Get

Name

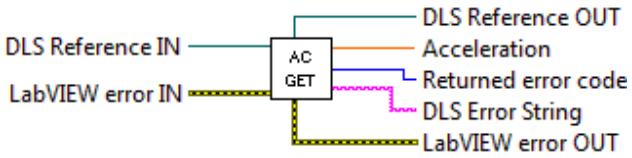
AC_Get – Gets acceleration.

Description

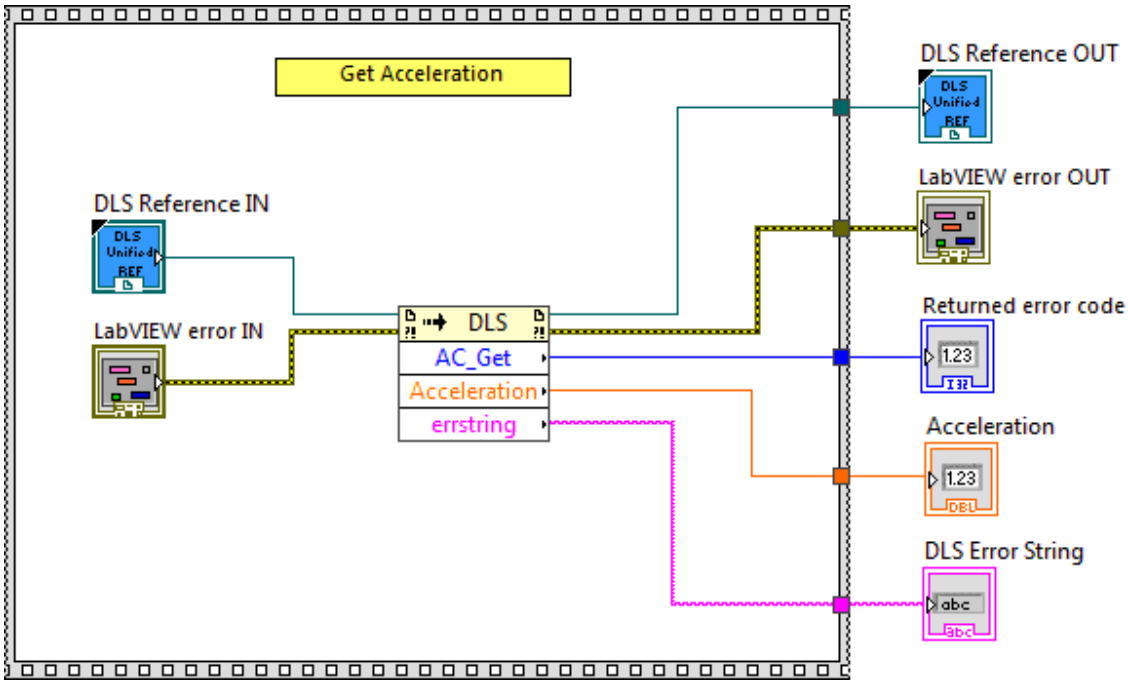
This function is used to get acceleration.

Connector Pane

LWDLS_AC_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Acceleration Acceleration.

DLS Error String returns error string from VI.

2.2 AC_Set

Name

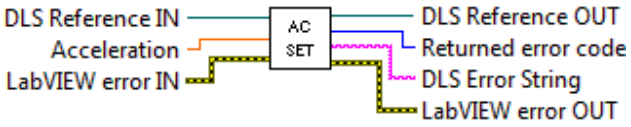
AC_Set – Sets acceleration.

Description

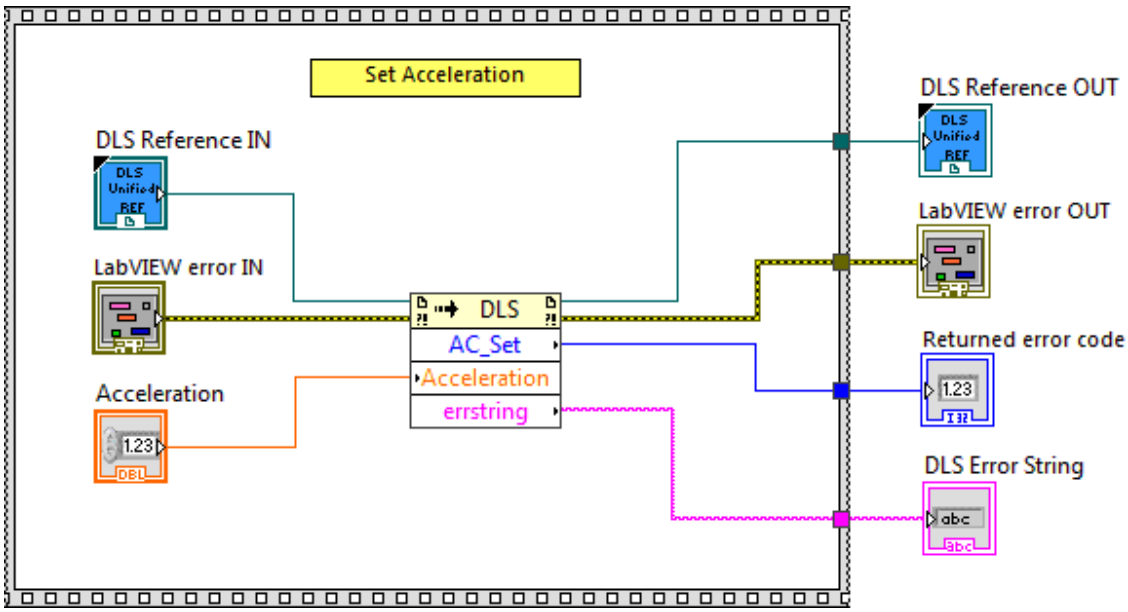
This function is used to set acceleration.

Connector Pane

LWDLS_AC_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Acceleration Acceleration.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.3 AF_Get

Name

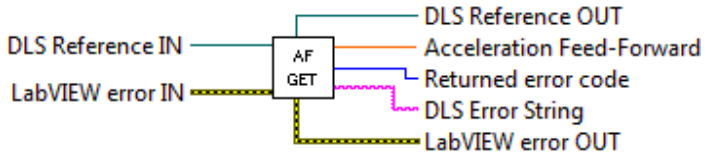
AF_Get – Gets acceleration feed-forward.

Description

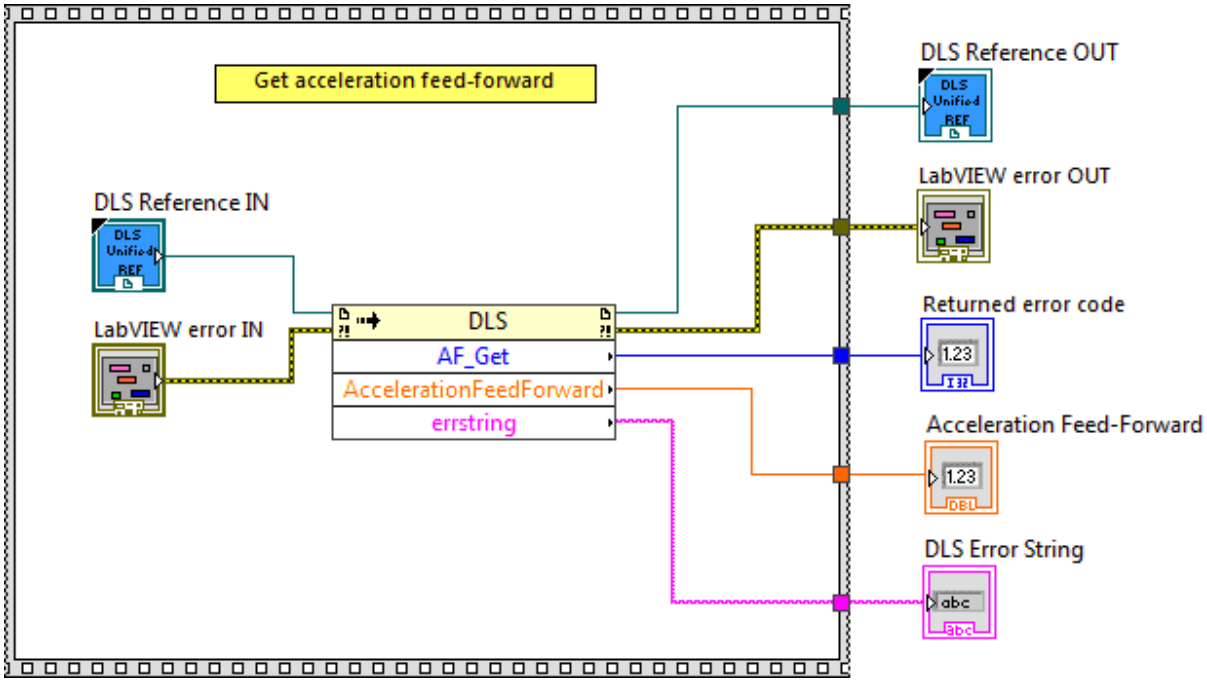
This function is used to get acceleration feed-forward.

Connector Pane

LWDLS_AF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Acceleration Feed-Forward Acceleration feed-forward.

DLS Error String returns error string from VI.

2.4 AF_Set

Name

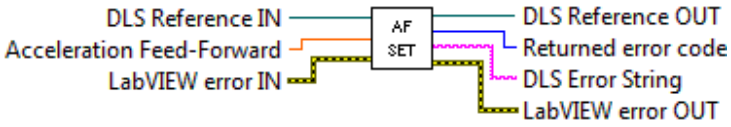
AF_Set – Sets acceleration feed-forward.

Description

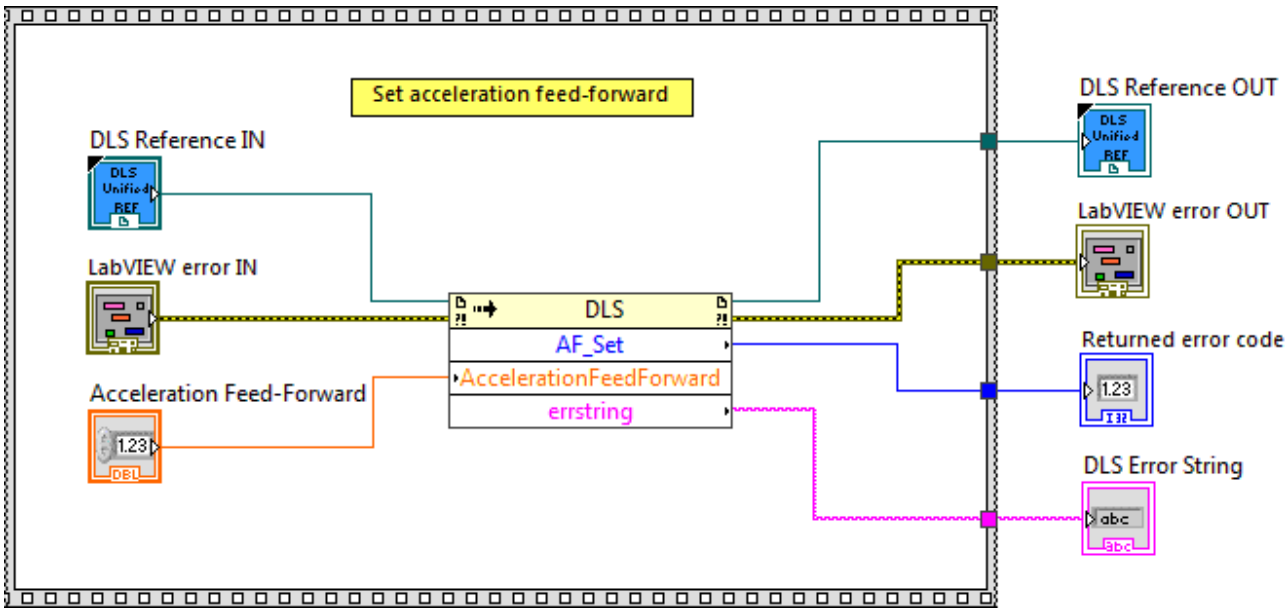
This function is used to set acceleration feed-forward.

Connector Pane

LWDLS_AF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Acceleration Feed-Forward Acceleration feed-forward.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.5 CloseInstrument

Name

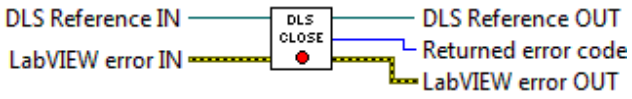
CloseInstrument – Close communication with the selected device.

Description

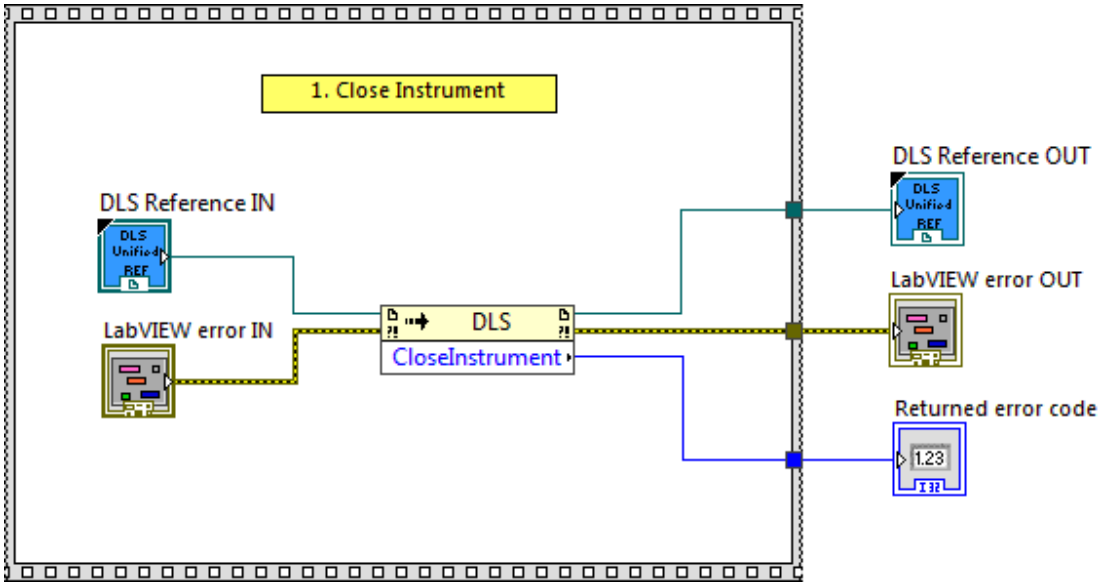
This function allows closing communication with the selected device. If the closing failed, the returned code is -1.

Connector Pane

LWDLS_CloseInstrument.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

2.6 DBL_Get

Name

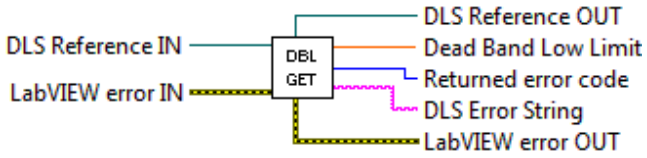
DBL_Get – Gets the dead band low limit of the PID control loop.

Description

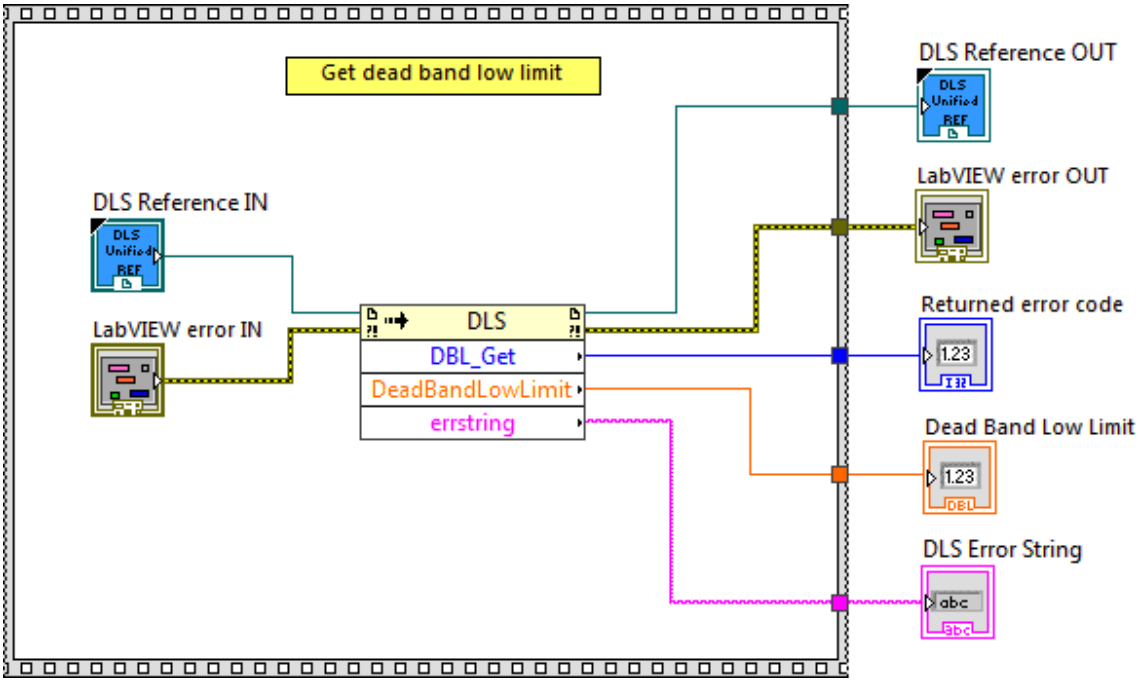
This function is used to get the dead band low limit of the PID control loop.

Connector Pane

LWDLS_DBL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Dead Band Low Limit is the dead band low limit.

DLS Error String returns error string from VI.

2.7 DBL_Set

Name

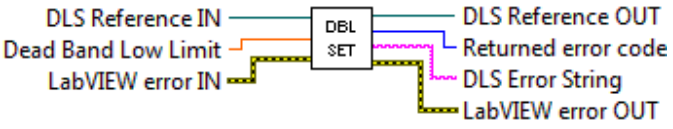
DBL_Set –Set the dead band low limit of the PID control loop.

Description

This function is used to set the dead band low limit of the PID control loop.

Connector Pane

LWDLS_DBL_Set.vi



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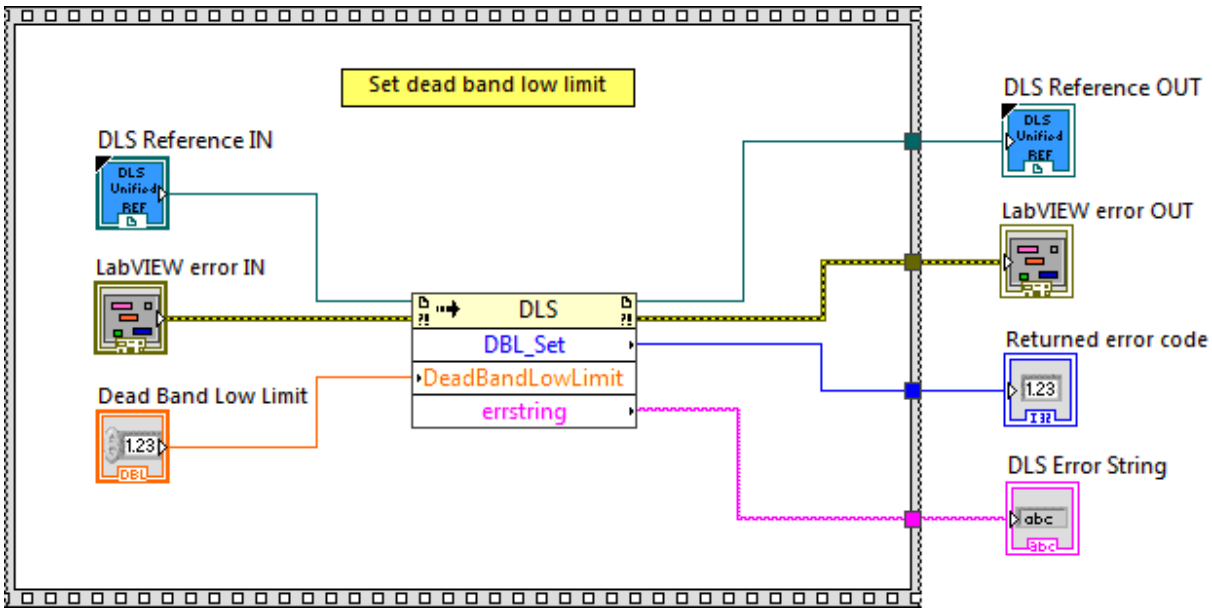


Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Dead Band Low Limit is the dead band low limit.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.8 DBH_Get

Name

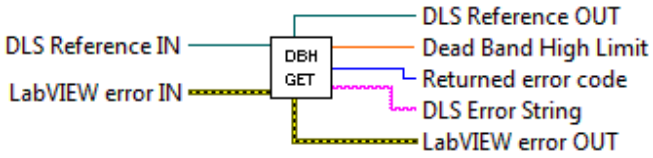
DBH_Get – Gets the dead band high limit of the PID control loop.

Description

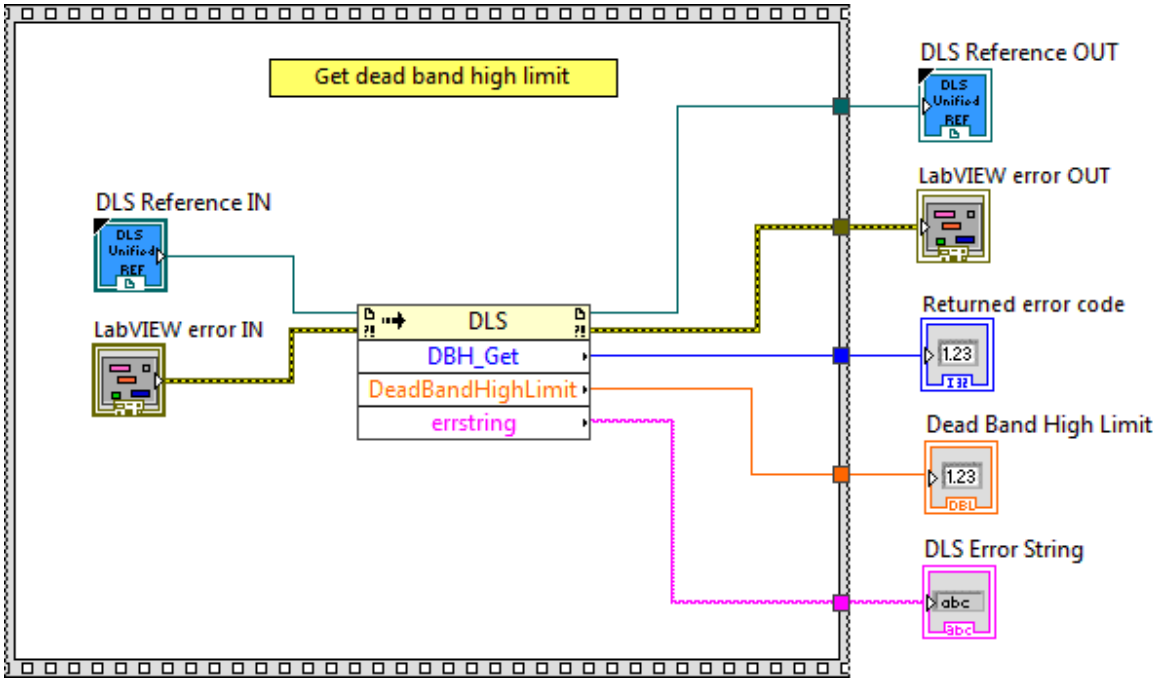
This function is used to get the dead band high limit of the PID control loop.

Connector Pane

LWDLS_DBH_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Dead Band High Limit is the dead band high limit.

DLS Error String returns error string from VI.

2.9 DBH_Set

Name

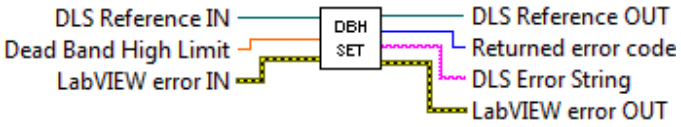
DBH_Set – Sets the dead band high limit of the PID control loop.

Description

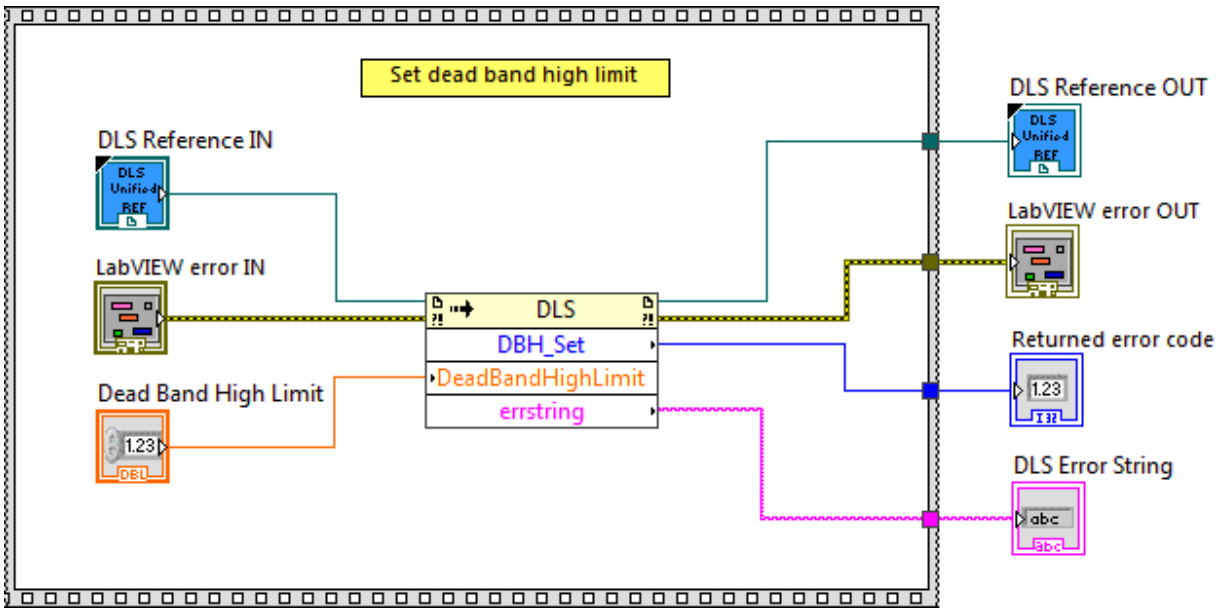
This function is used to set the dead band high limit of the PID control loop.

Connector Pane

LWDLS_DBH_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Dead Band High Limit is the dead band high limit.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.10 DCA

Name

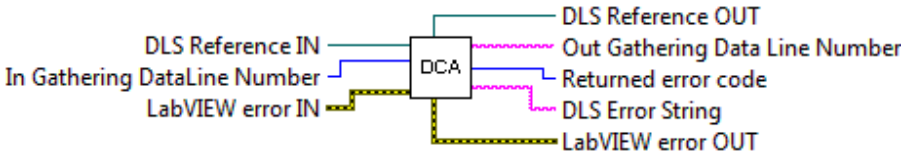
DCA – Gets the gathered data line GatheringDataLineNumber.

Description

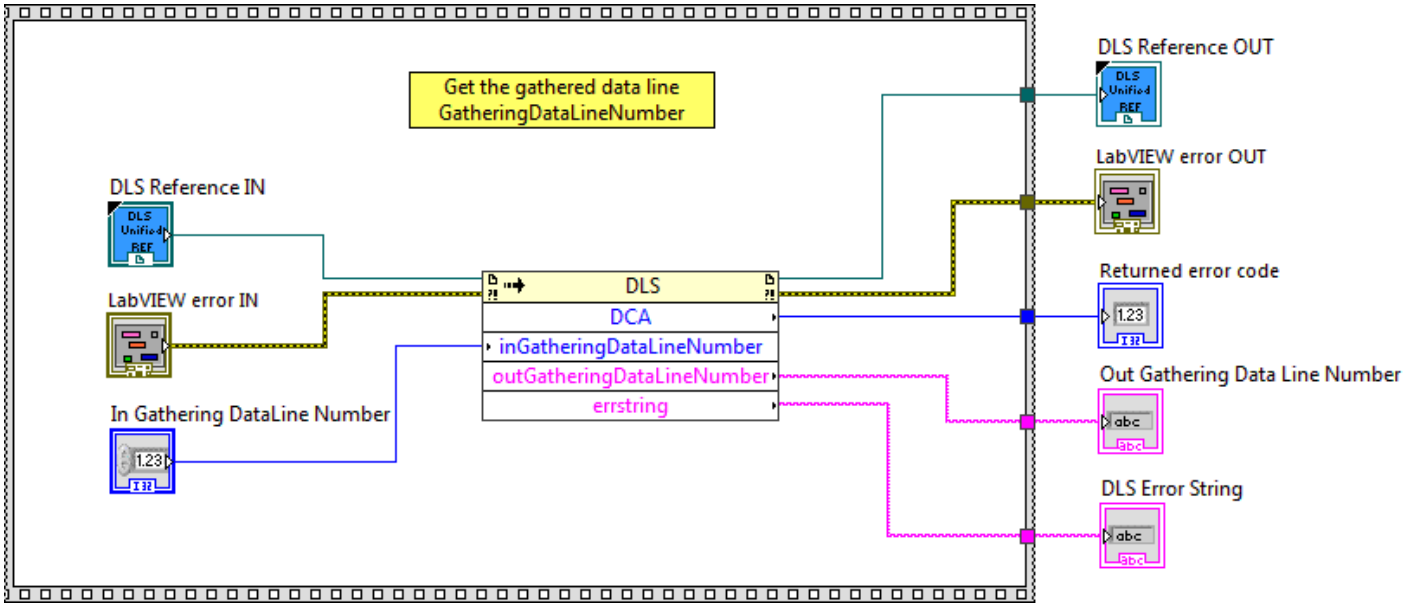
This function is used to get the gathered data line GatheringDataLineNumber.

Connector Pane

LWDLS_DCA.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

In Gathering Data Line Number is the asked gathering data line number.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Out Gathering Data Line Number is the returned gathering data line number.

DLS Error String returns error string from VI.

2.11 DCC

Name

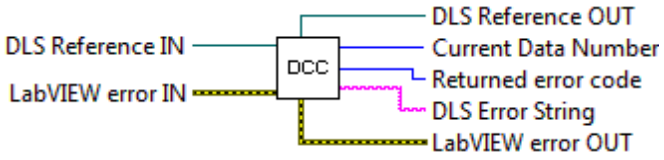
DCC – Gets the current number of gathered data lines.

Description

This function is used to get the current number of gathered data lines.

Connector Pane

LWDLS_DCC.vi



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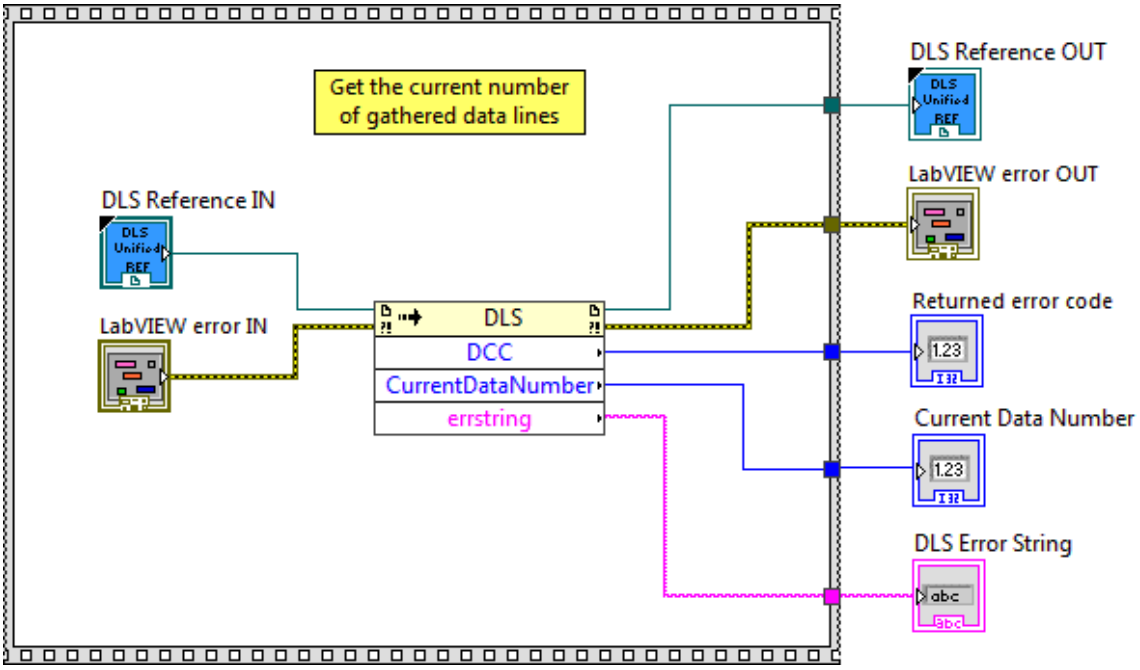


Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Current Data Number is the current data number.

DLS Error String returns error string from VI.

2.12 DCD_Get

Name

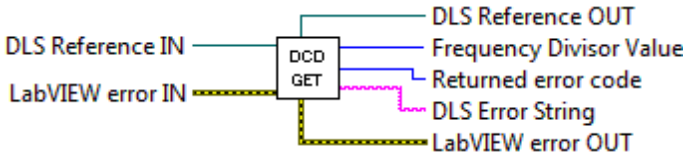
DCD_Get – Gets frequency divisor for the gathering

Description

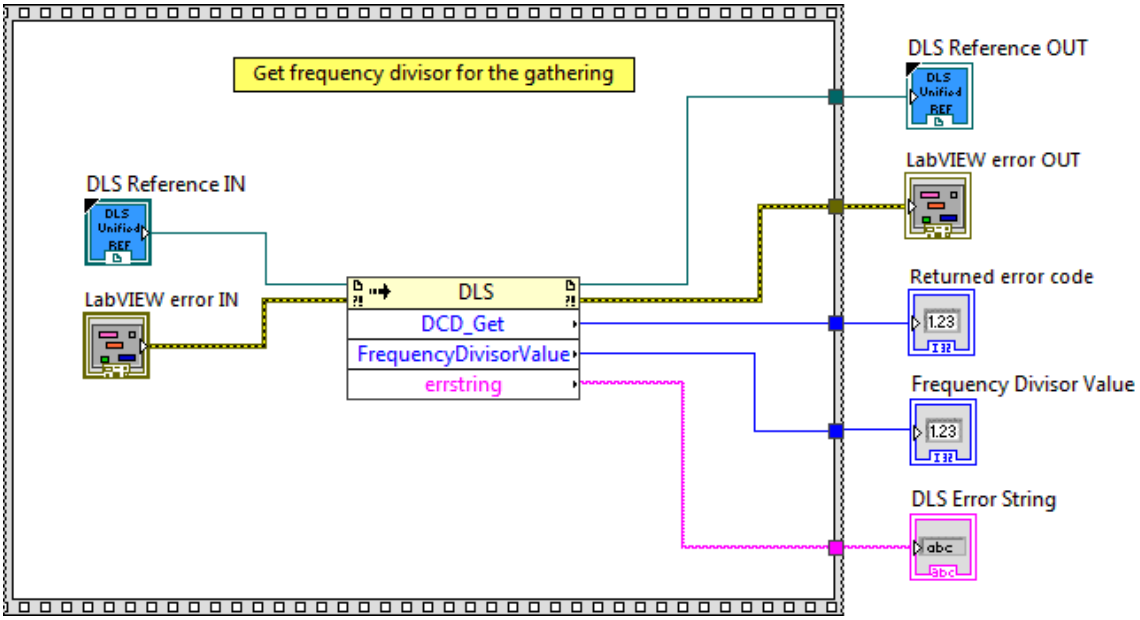
This function is used to get frequency divisor for the gathering.

Connector Pane

LWDLS_DCD_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Frequency Divisor Value is the frequency divisor value.

DLS Error String returns error string from VI.

2.13 DCD_Set

Name

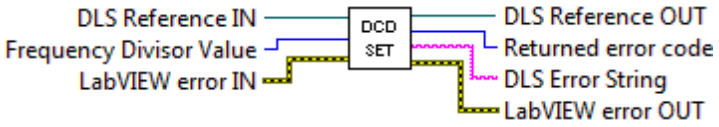
DCD_Set – Sets frequency divisor for the gathering.

Description

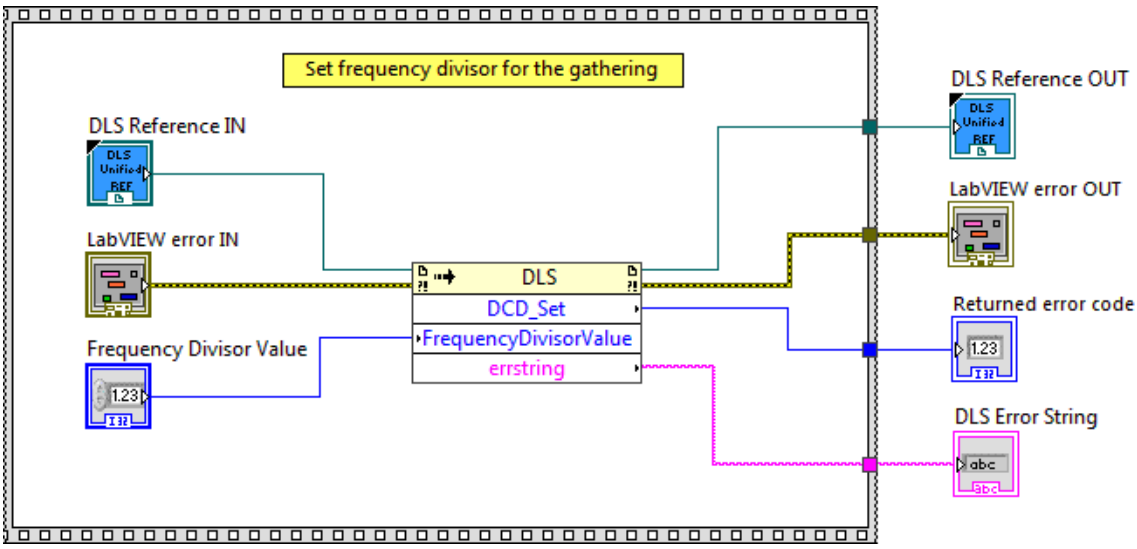
This function is used to set frequency divisor for the gathering

Connector Pane

LWDLS_DCD_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Frequency Divisor Value is the frequency divisor value.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.14 DCM_Get

Name

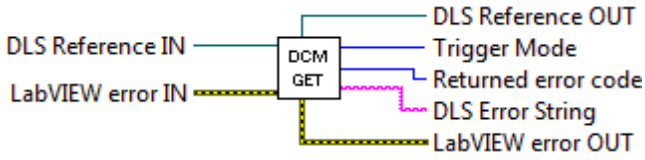
DCM_Get – Gets the trigger mode for the gathering.

Description

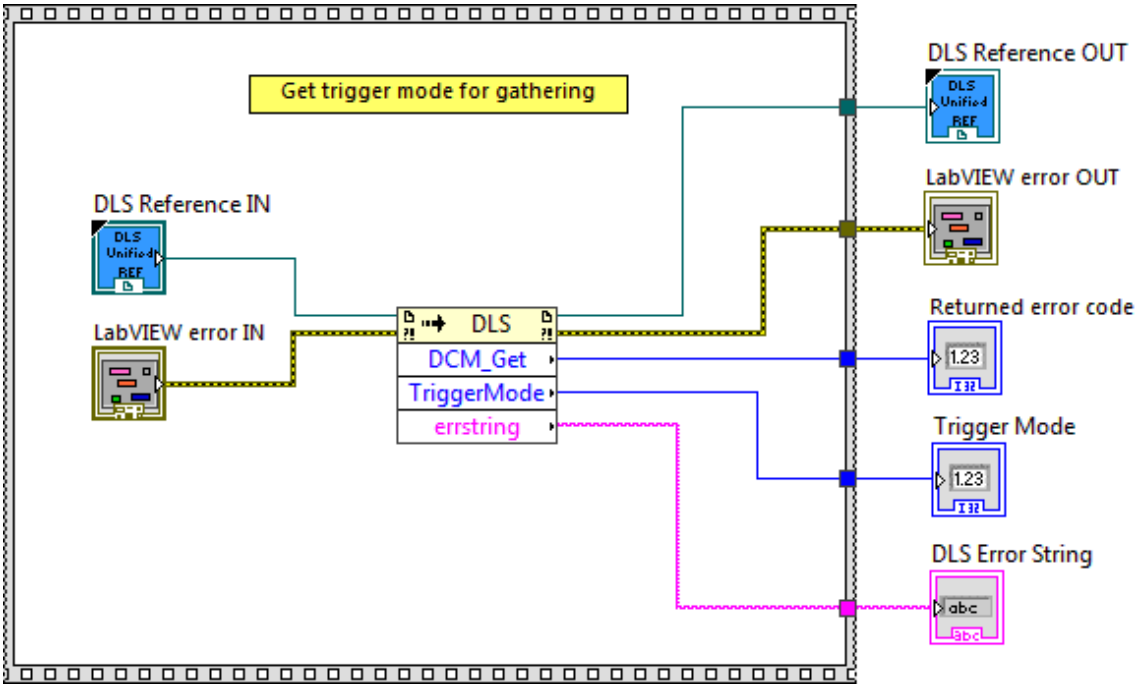
This function is used to get the trigger mode for the gathering.

Connector Pane

LWDLS_DCM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Trigger Mode Trigger mode.

DLS Error String returns error string from VI.

2.15 DCM_Set

Name

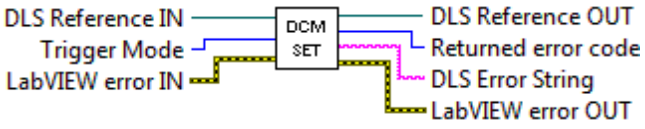
DCM_Set – Sets the trigger mode for the gathering.

Description

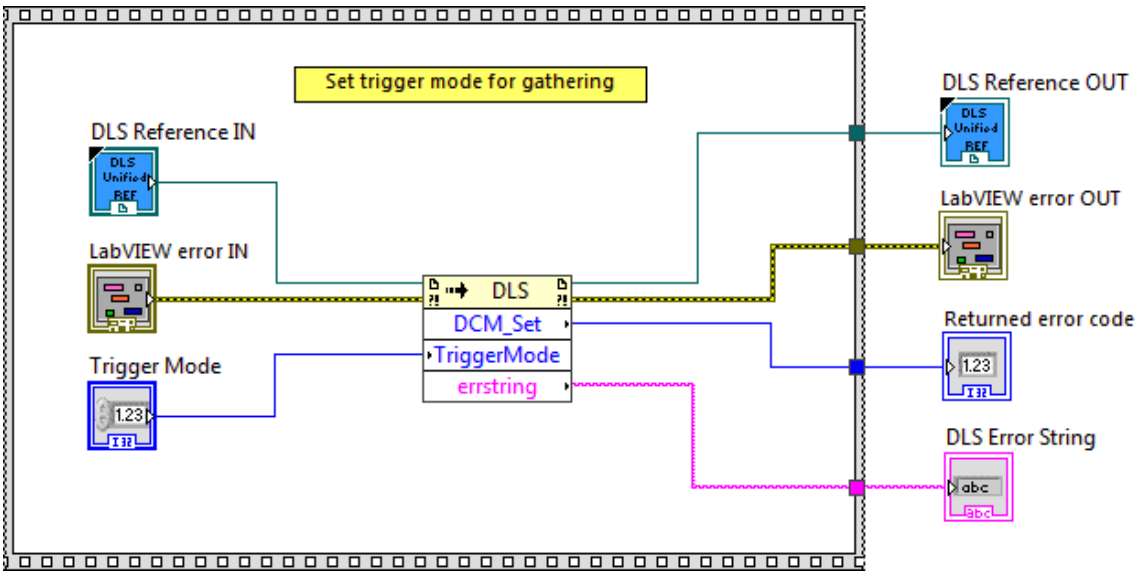
This function is used to set the trigger mode for the gathering.

Connector Pane

LWDLS_DCM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Trigger Mode Trigger mode.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.16 DCN_Get

Name

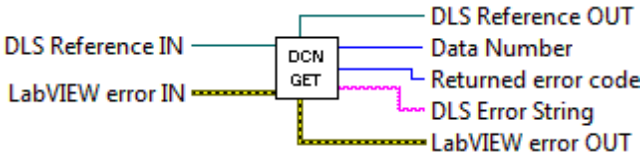
DCN_Get – Gets number of data points to be gathered.

Description

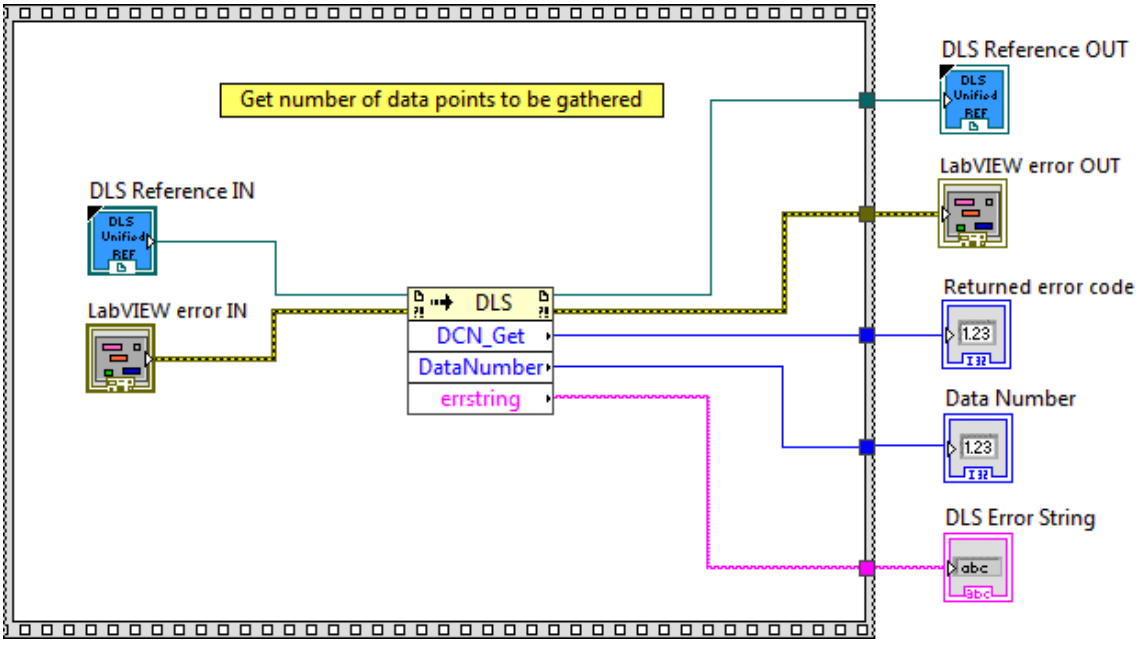
This function is used to get number of data points to be gathered.

Connector Pane

LWDLS_DCN_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Data Number is the data number .

DLS Error String returns error string from VI.

2.17 DCN_Set

Name

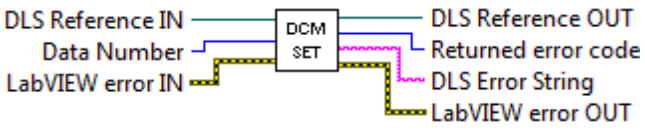
DCN_Set – Sets number of data points to be gathered.

Description

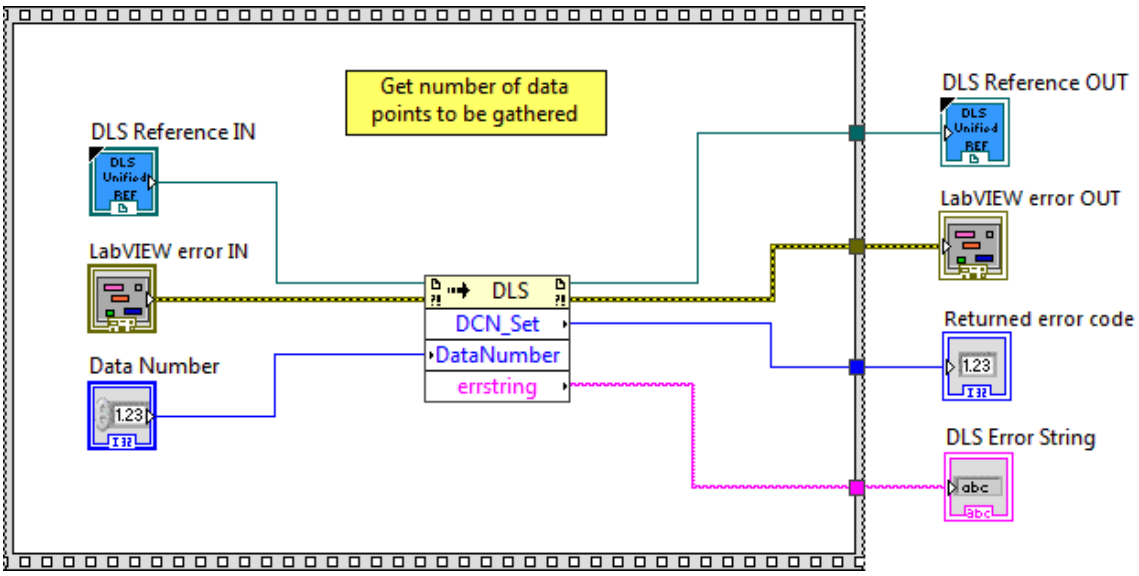
This function is used to set number of data points to be gathered.

Connector Pane

LWDLS_DCN_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Data Number is the data number .

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.18 DCS_Get

Name

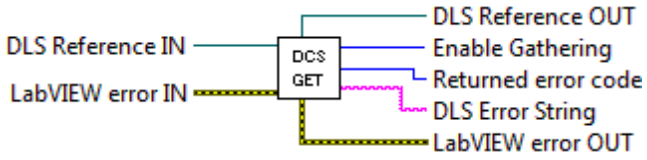
DCS_Get – Enables/Disables gathering or get gathering status.

Description

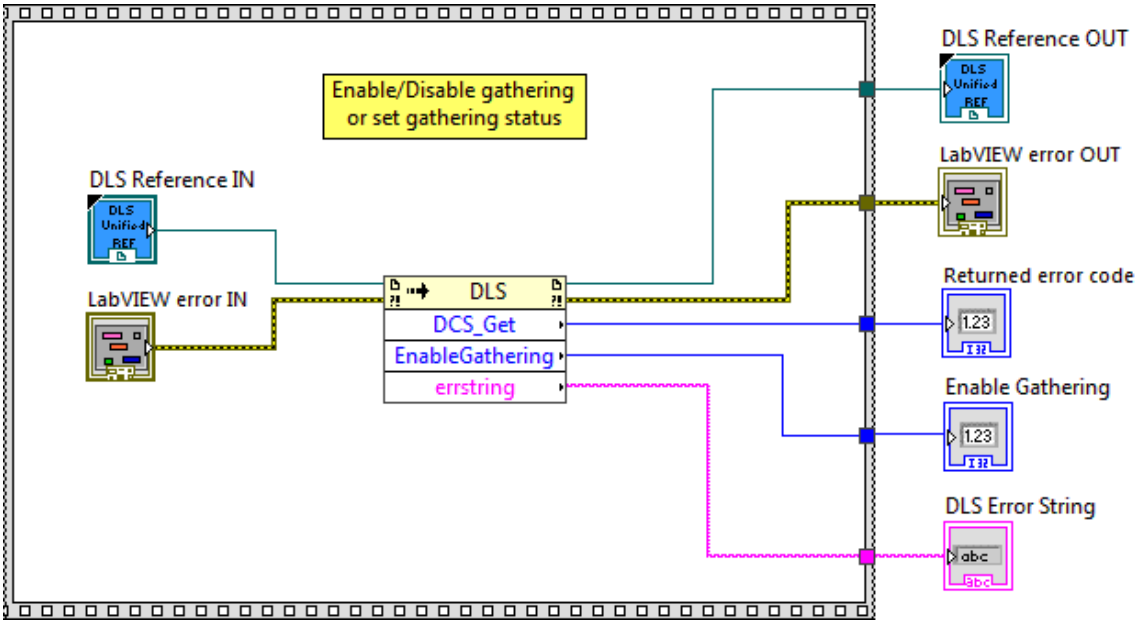
This function is used to Enable/Disable gathering or get gathering status

Connector Pane

LWDLS_DCS_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Enable Gathering enables gathering.

DLS Error String returns error string from VI.

2.19 DCS_Set

Name

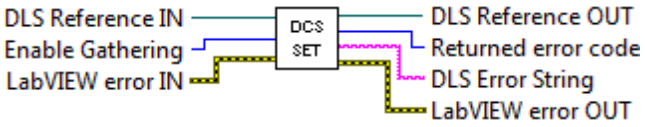
DCS_Set – Enables/Disables gathering or get gathering status.

Description

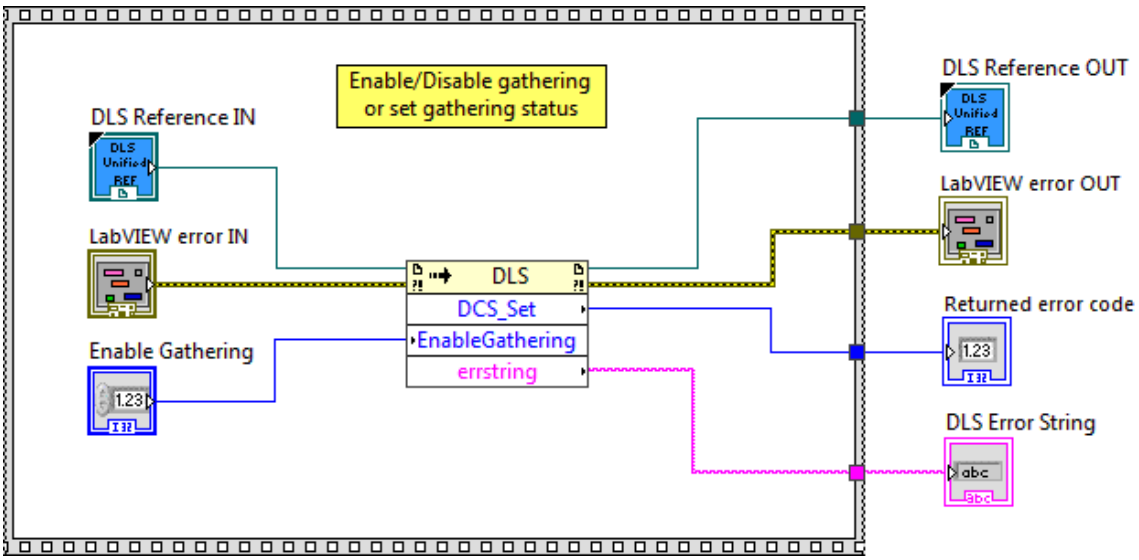
This function is used to Enable/Disable gathering or get gathering status.

Connector Pane

LWDLS_DCS_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Enable Gathering enables gathering.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.20 DCT

Name

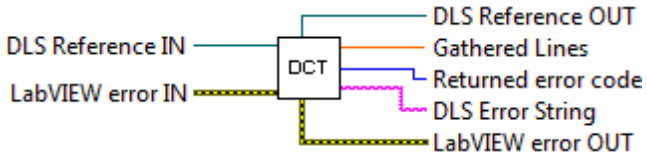
DCT – Gets all gathered lines.

Description

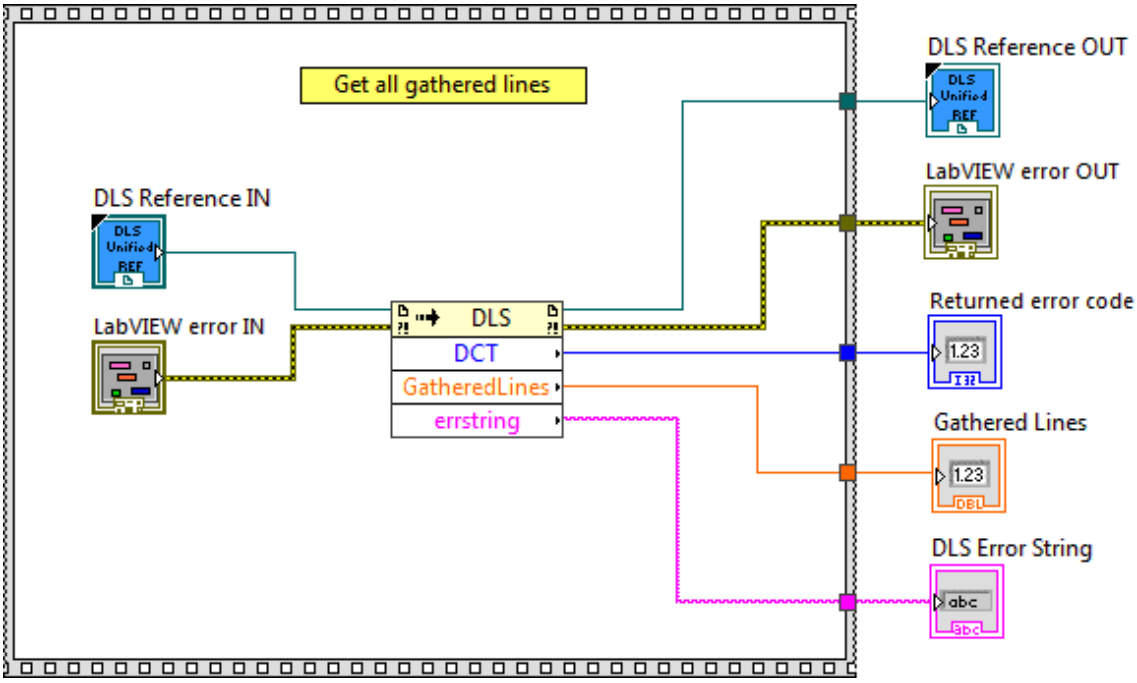
This function is used to get all gathered lines.

Connector Pane

LWDLS_DCT.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Gathered Lines are the gathered lines.

DLS Error String returns error string from VI.

2.21 DCV_Get

Name

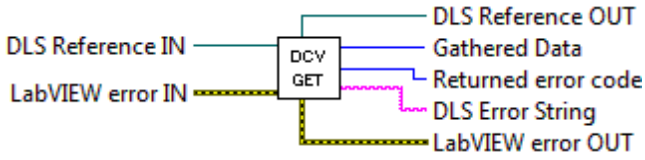
DCV_Get – Gets the data to be gathered with a 7-bits decimal value.

Description

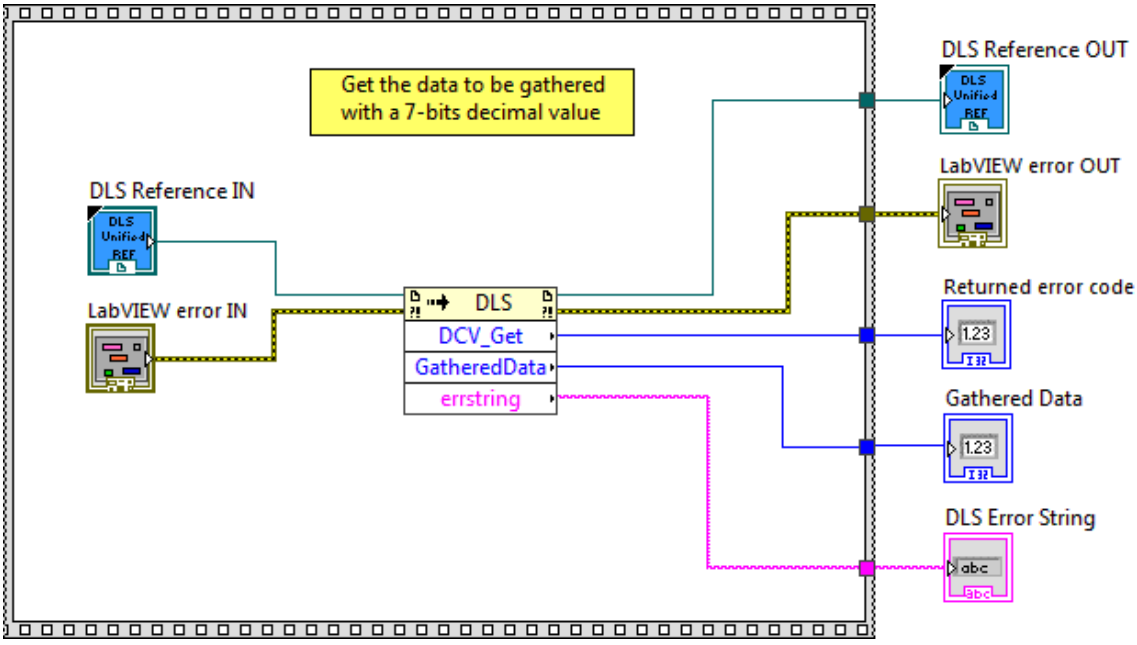
This function is used to get the data to be gathered with a 7-bits decimal value.

Connector Pane

LWDLS_DCV_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Gathered Data are the gathered data.

DLS Error String returns error string from VI.

2.22 DCV_Set

Name

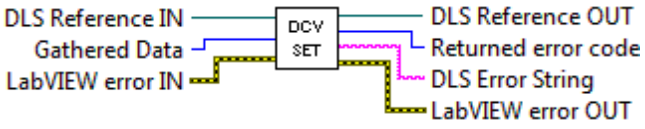
DCV_Set – Sets the data to be gathered with a 7-bits decimal value.

Description

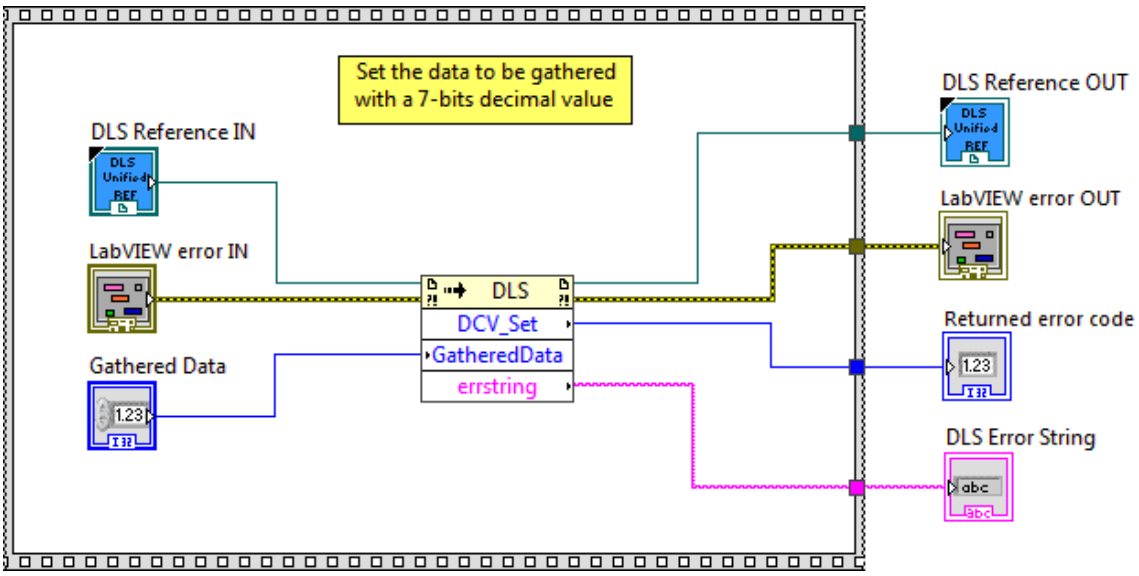
This function is used to set the data to be gathered with a 7-bits decimal value.

Connector Pane

LWDLS_DCV_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Gathered Data are the gathered data.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.23 DV_Get

Name

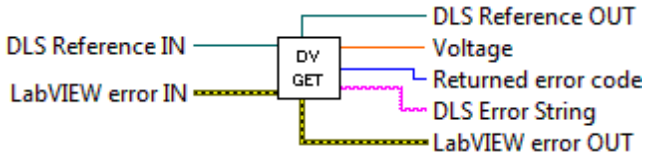
DV_Get – Gets driver voltage.

Description

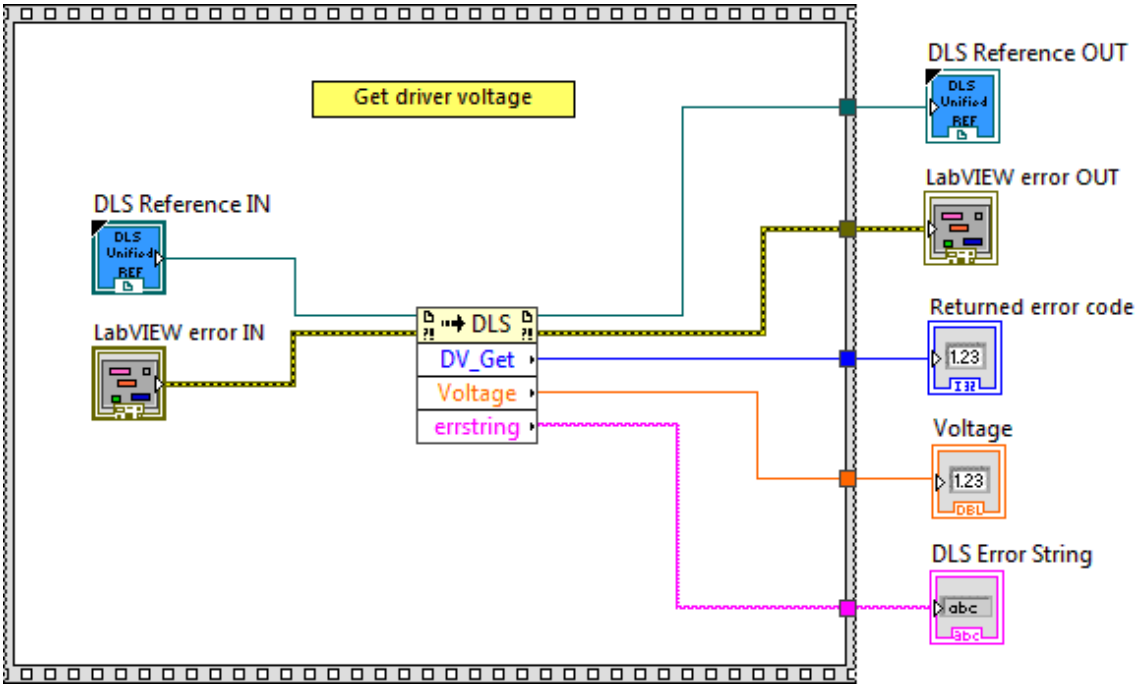
This function is used to get driver voltage.

Connector Pane

LWDLS_DV_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Voltage Voltage.

DLS Error String returns error string from VI.

2.24 DV_Set

Name

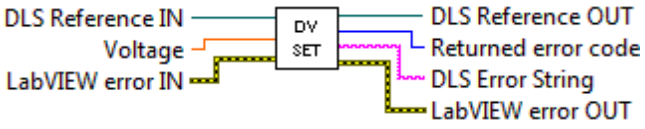
DV_Set – Sets driver voltage.

Description

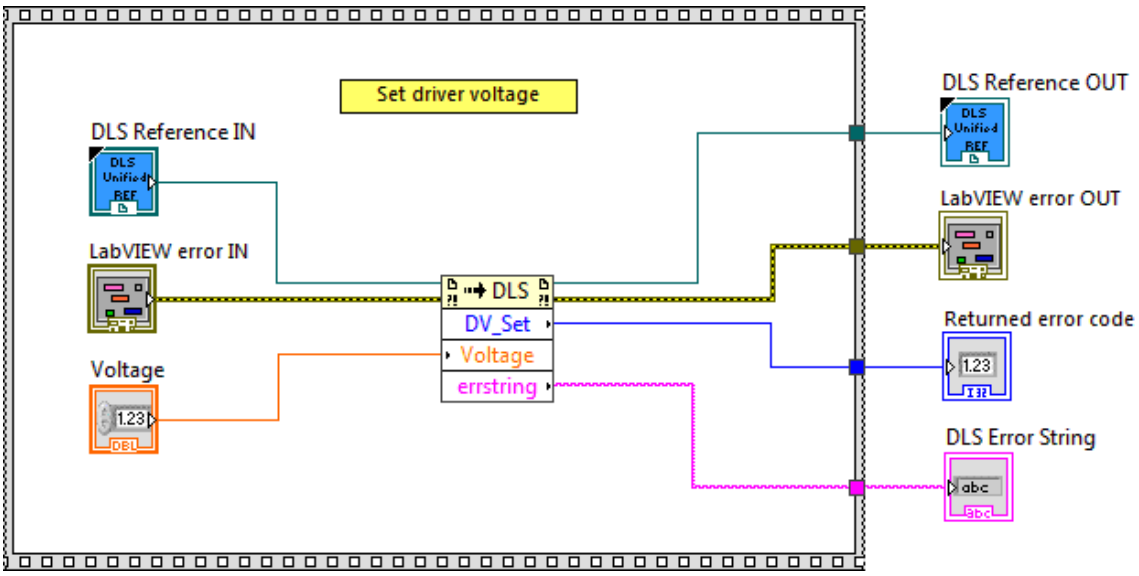
This function is used to set driver voltage.

Connector Pane

LWDLS_DV_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Voltage Voltage.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.25 ENF_Get

Name

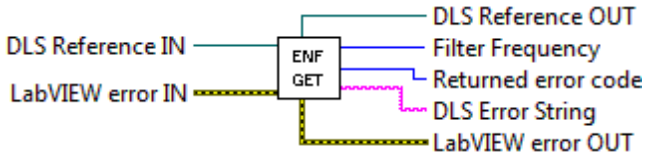
ENF_Get – Gets the Encoder position filter frequency.

Description

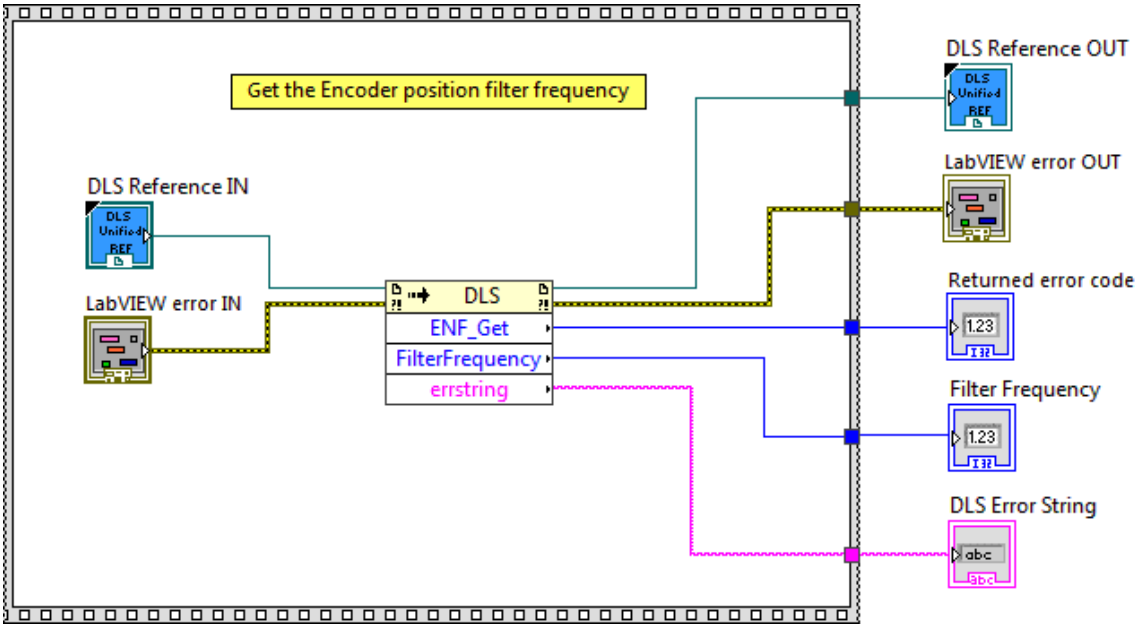
This function is used to get the Encoder position filter frequency.

Connector Pane

LWDLS_ENF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Filter Frequency is the filter frequency.

DLS Error String returns error string from VI.

2.26 ENF_Set

Name

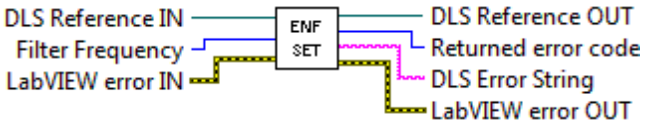
ENF_Set – Sets the Encoder position filter frequency.

Description

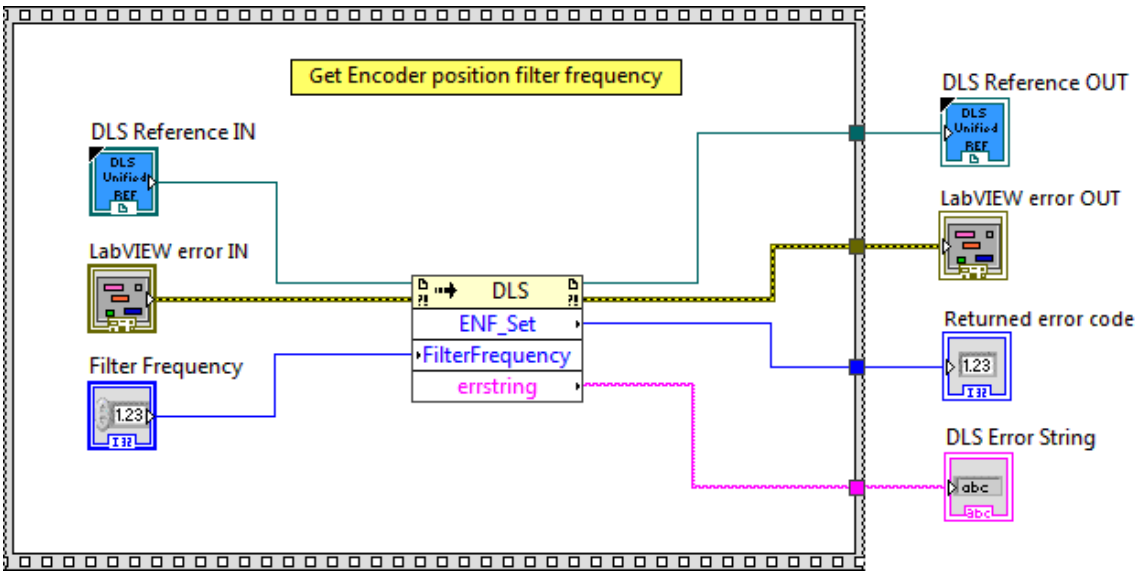
This function is used to set the Encoder position filter frequency.

Connector Pane

LWDLS_ENF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Filter Frequency is the filter frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.27 ENP_Get

Name

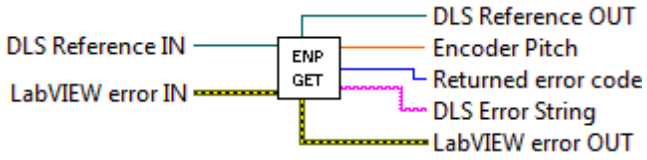
ENP_Get – Gets the encoder pitch.

Description

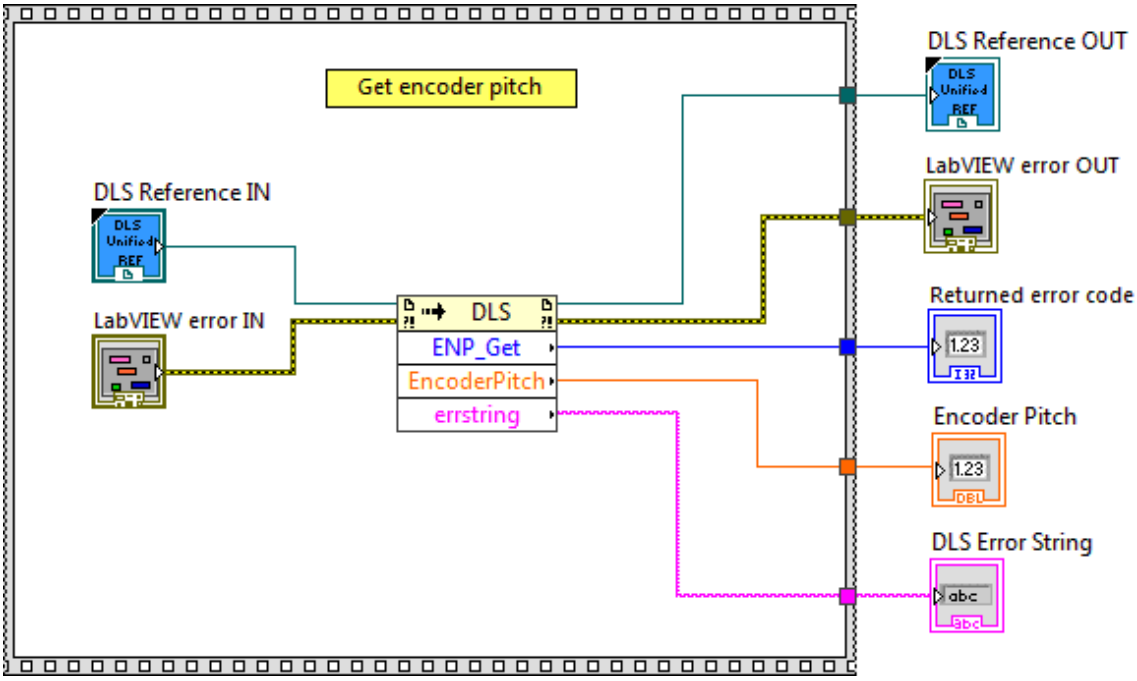
This function is used to get the encoder pitch.

Connector Pane

LWDLS_ENP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Encoder Pitch is the encoder pitch.

DLS Error String returns error string from VI.

2.28 ENP_Set

Name

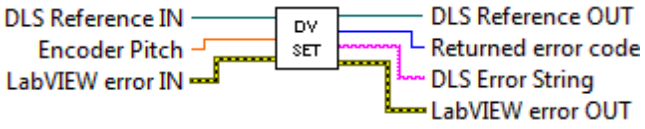
ENP_Set – Sets the encoder pitch.

Description

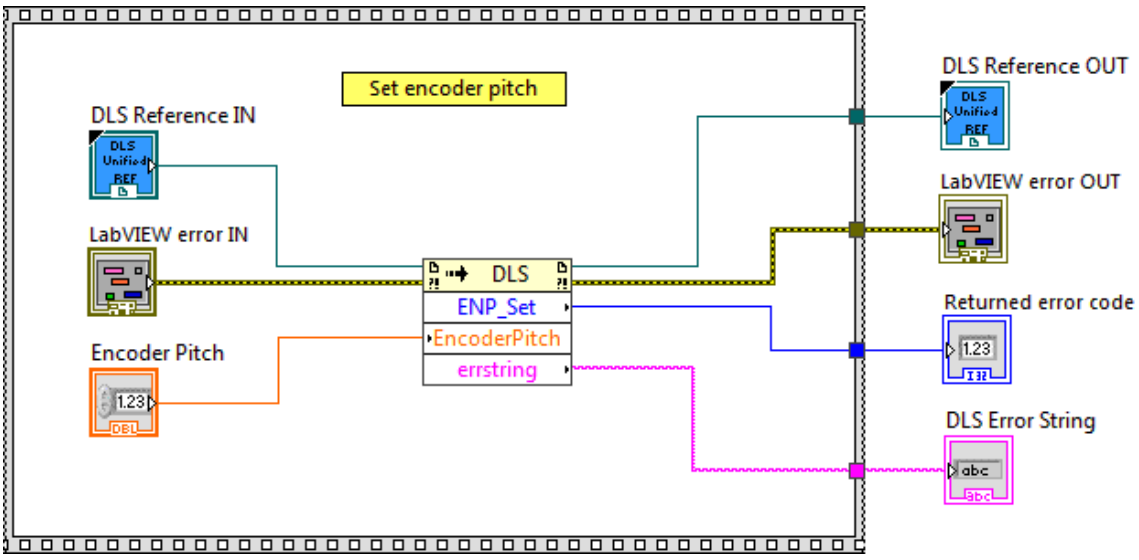
This function is used to set the encoder pitch.

Connector Pane

LWDLS_ENP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Encoder Pitch is the encoder pitch.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.29 EQF_Get

Name

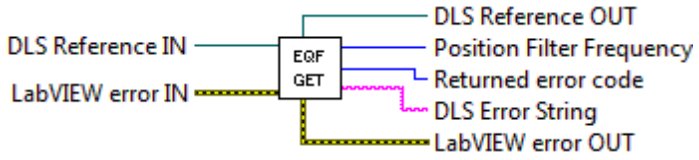
EQF_Get – Gets the position filter frequency.

Description

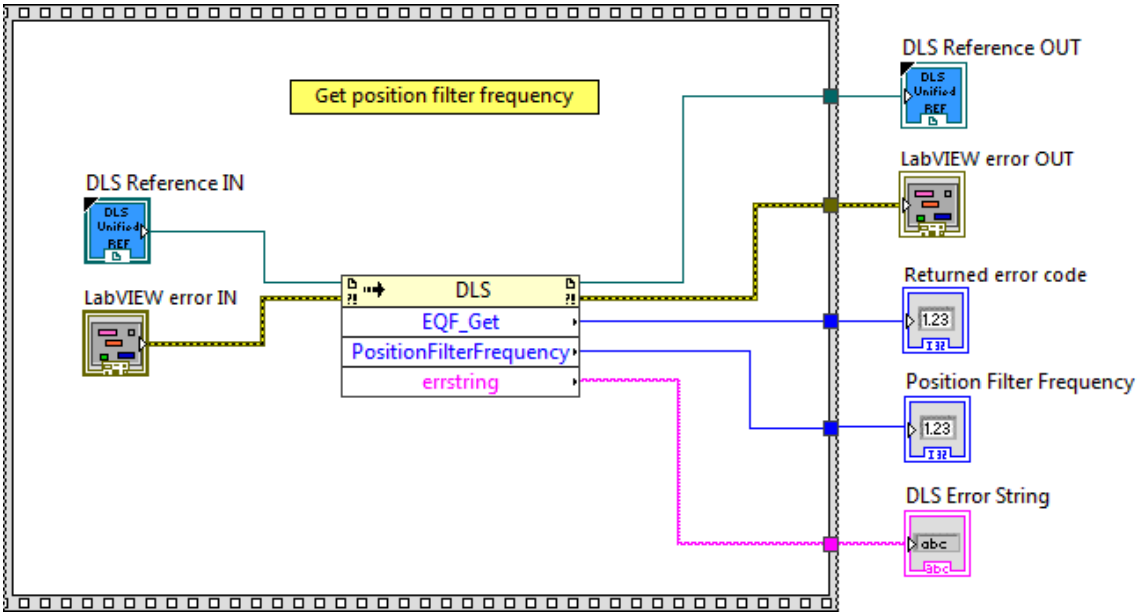
This function is used to get the position filter frequency.

Connector Pane

LWDLS_EQF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Position Filter is the frequency Position filter frequency.

DLS Error String returns error string from VI.

2.30 EQF_Set

Name

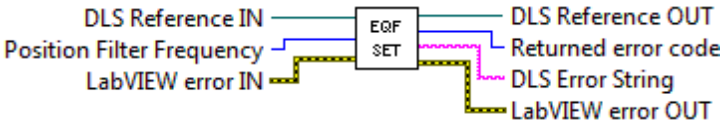
EQF_Set – Sets the position filter frequency.

Description

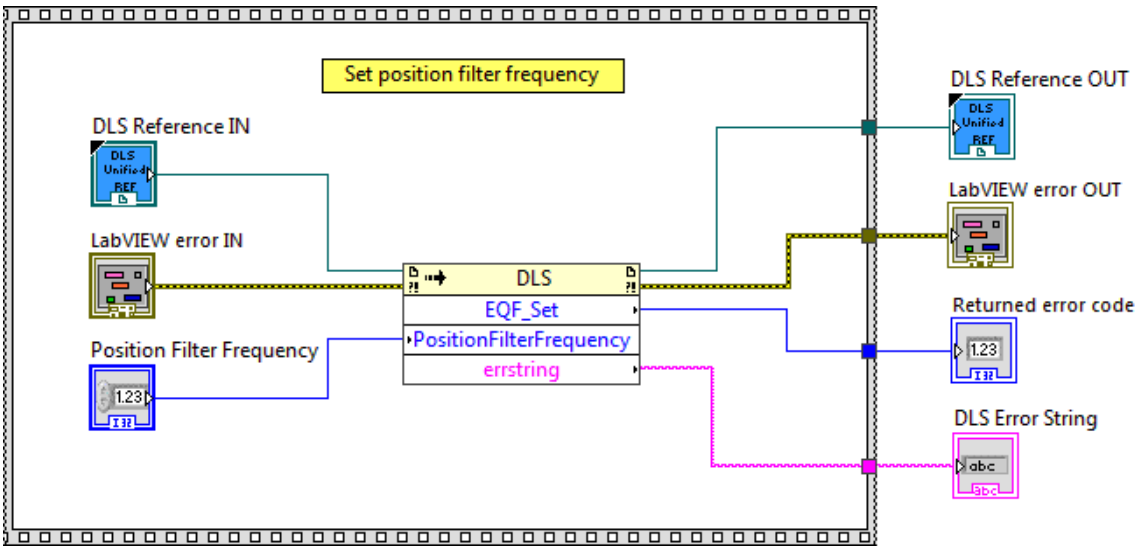
This function is used to set the position filter frequency.

Connector Pane

LWDLS_EQF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Position Filter is the frequency Position filter frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.31 EQP_Get

Name

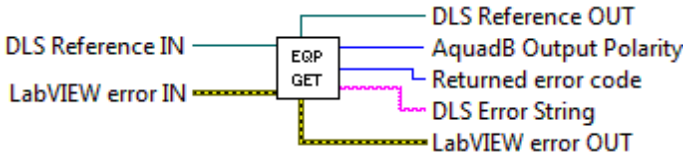
EQP_Get – Gets the AquadB output polarity.

Description

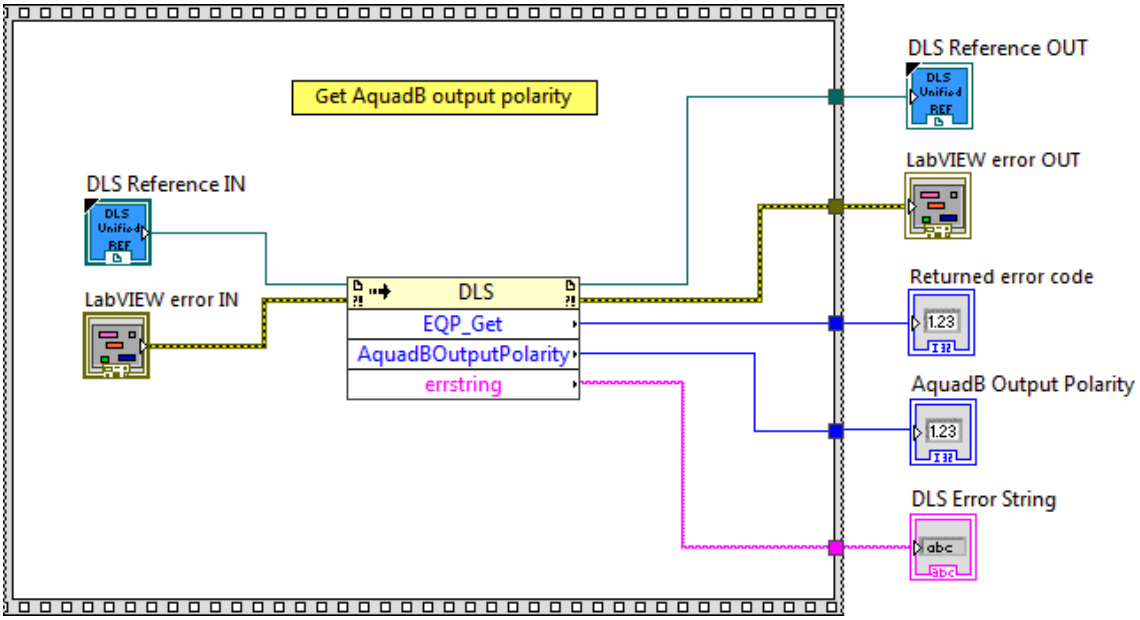
This function is used to get the AquadB output polarity.

Connector Pane

LWDLS_EQP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

AquadB Output Polarity is the AquadB output polarity.

DLS Error String returns error string from VI.

2.32 EQP_Set

Name

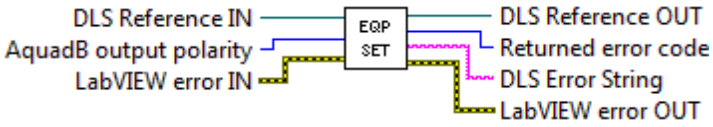
EQP_Set – Sets the AquadB output polarity.

Description

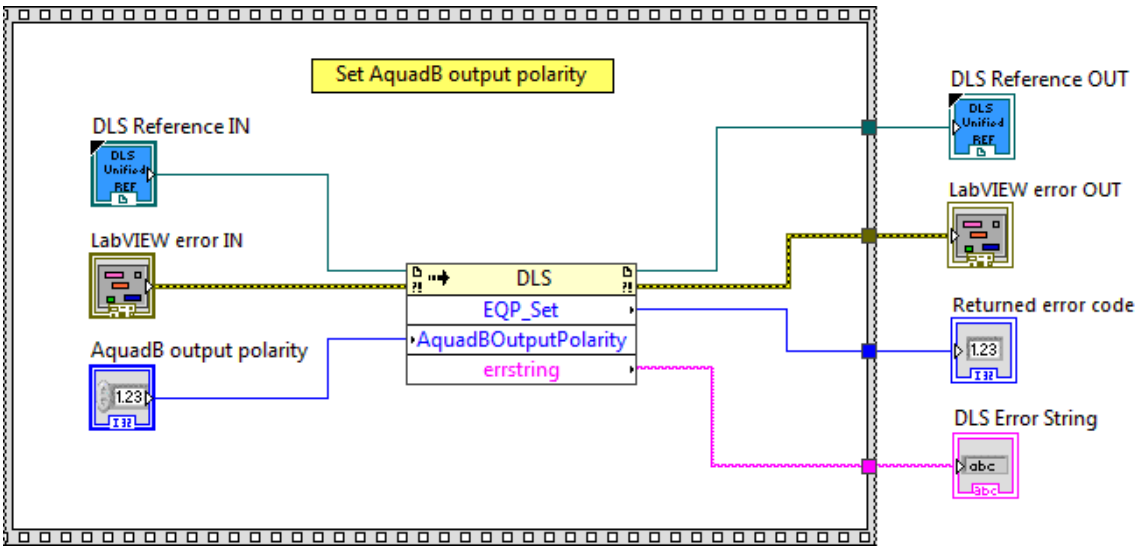
This function is used to set the AquadB output polarity.

Connector Pane

LWDLS_EQP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

AquadB Output Polarity is the AquadB output polarity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.33 EQR_Get

Name

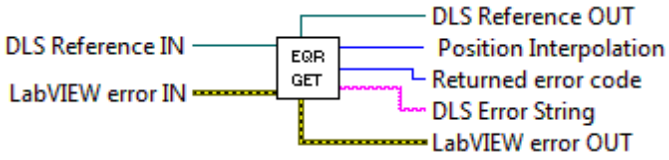
EQR_Get – Gets the position interpolation.

Description

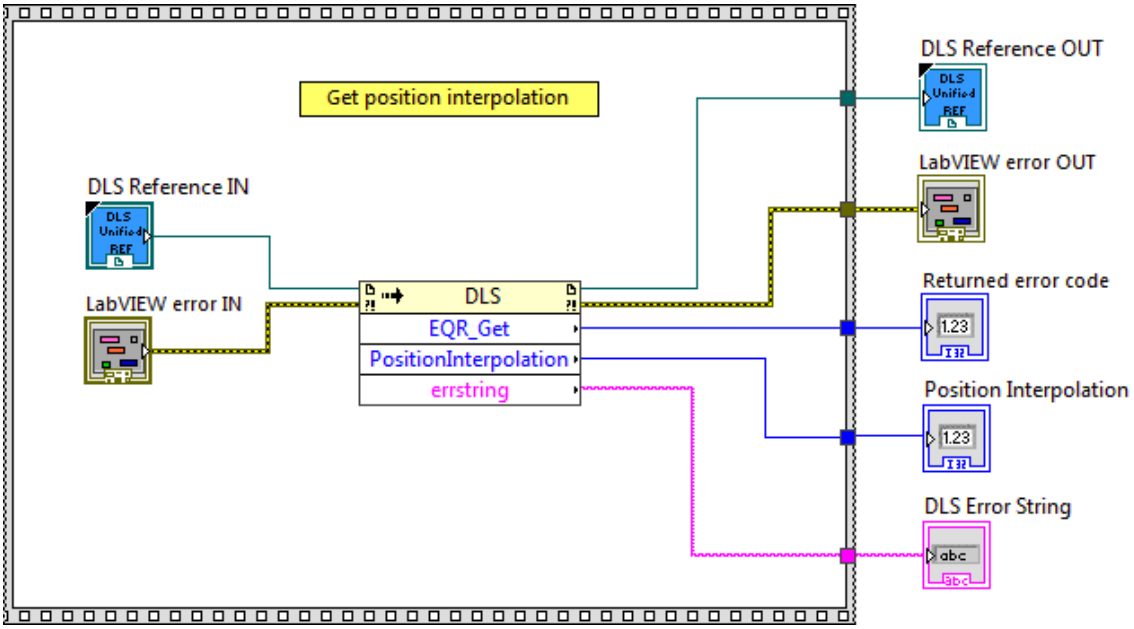
This function is used to get the position interpolation.

Connector Pane

LWDLS_EQR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Position Interpolation is the position interpolation.

DLS Error String returns error string from VI.

2.34 EQR_Set

Name

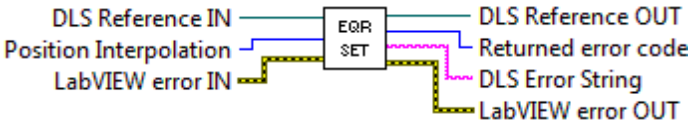
EQR_Set – Sets the position interpolation.

Description

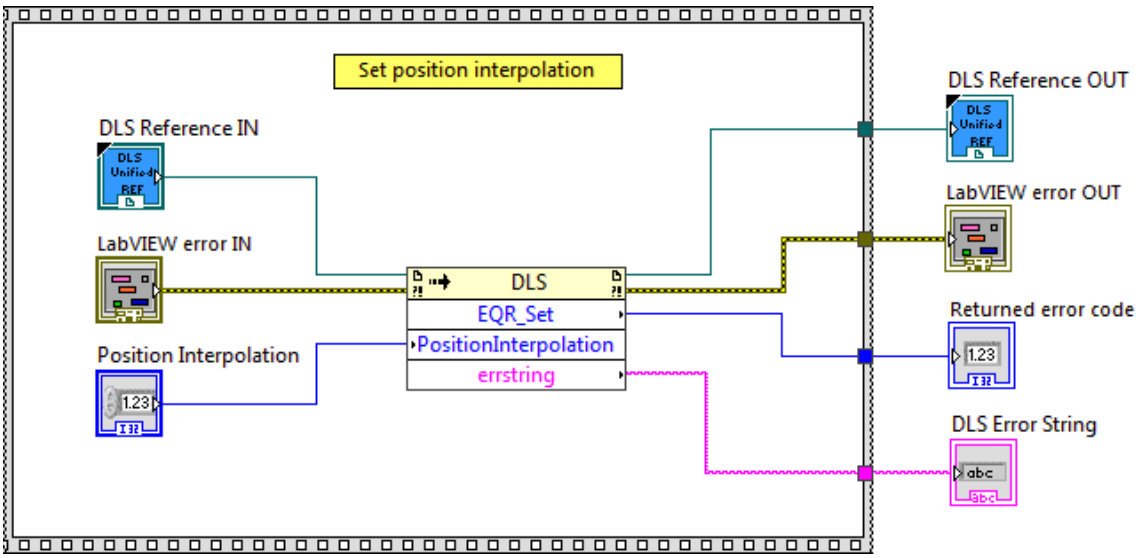
This function is used to set the position interpolation.

Connector Pane

LWDLS_EQR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Position Interpolation is the position interpolation.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.35 FD_Get

Name

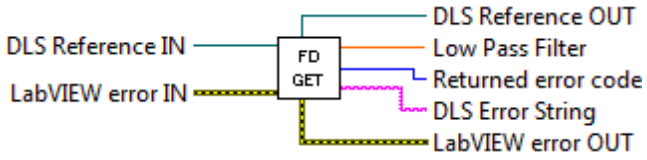
FD_Get – Gets low pass filter for Kd.

Description

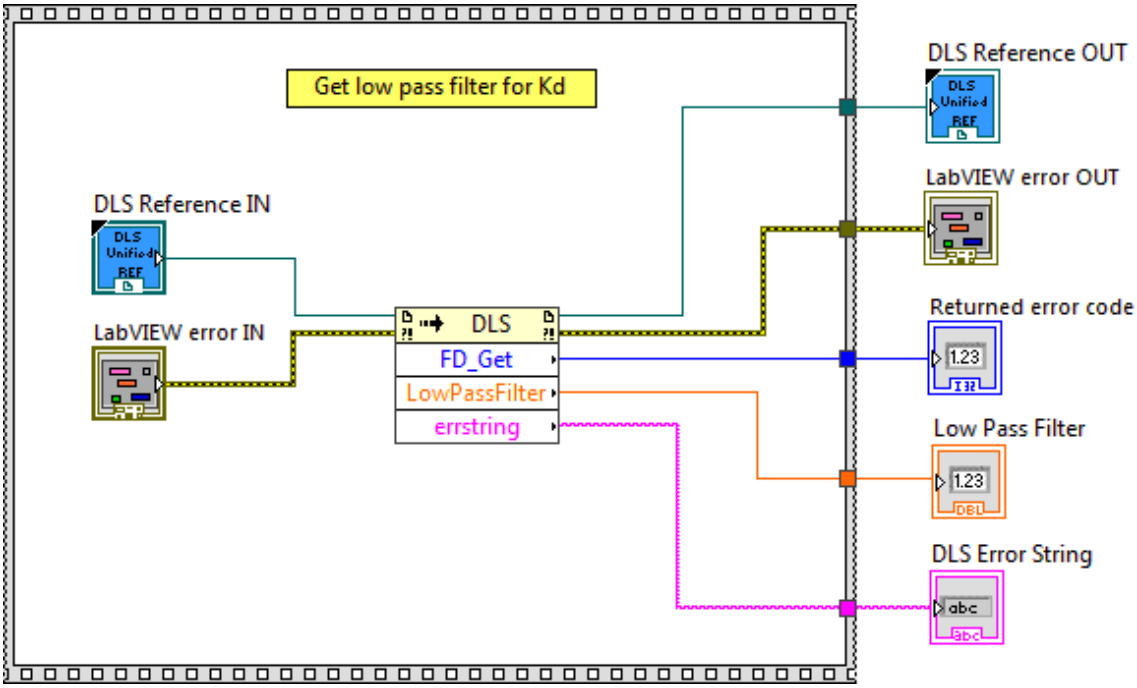
This function is used to get low pass filter for Kd.

Connector Pane

LWDLS_FD_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Low Pass Filter Low pass filter.

DLS Error String returns error string from VI.

2.36 FD_Set

Name

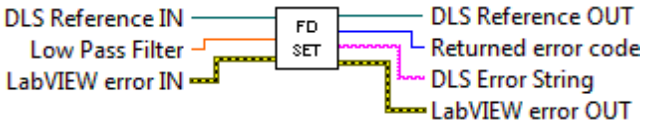
FD_Set – Sets low pass filter for Kd.

Description

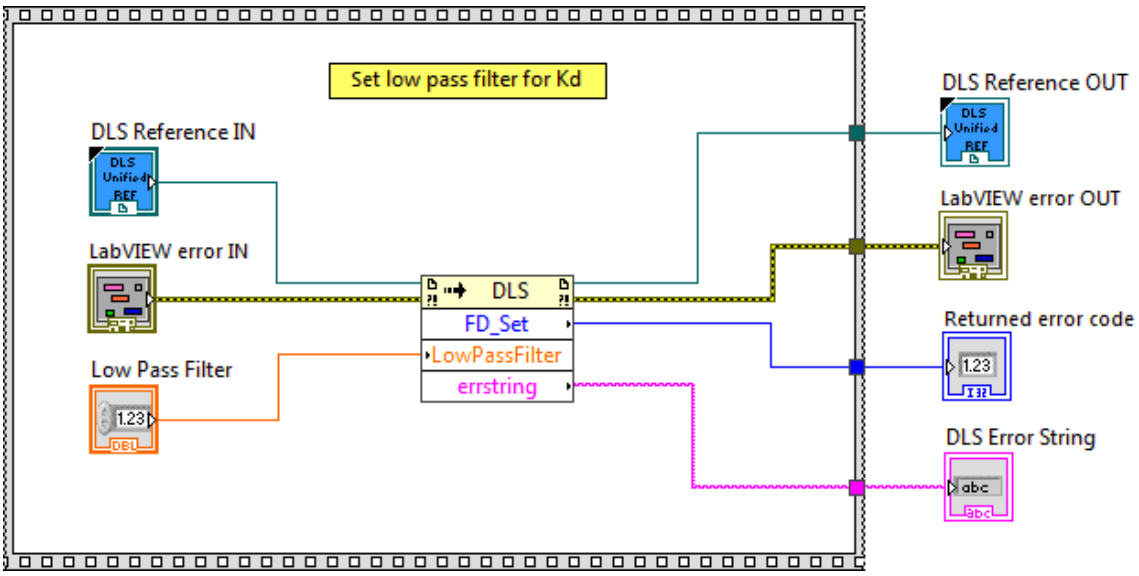
This function is used to set low pass filter for Kd.

Connector Pane

LWDLS_FD_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Low Pass Filter Low pass filter.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.37 FE_Get

Name

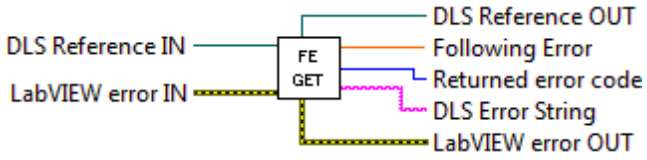
FE_Get – Gets following error limit.

Description

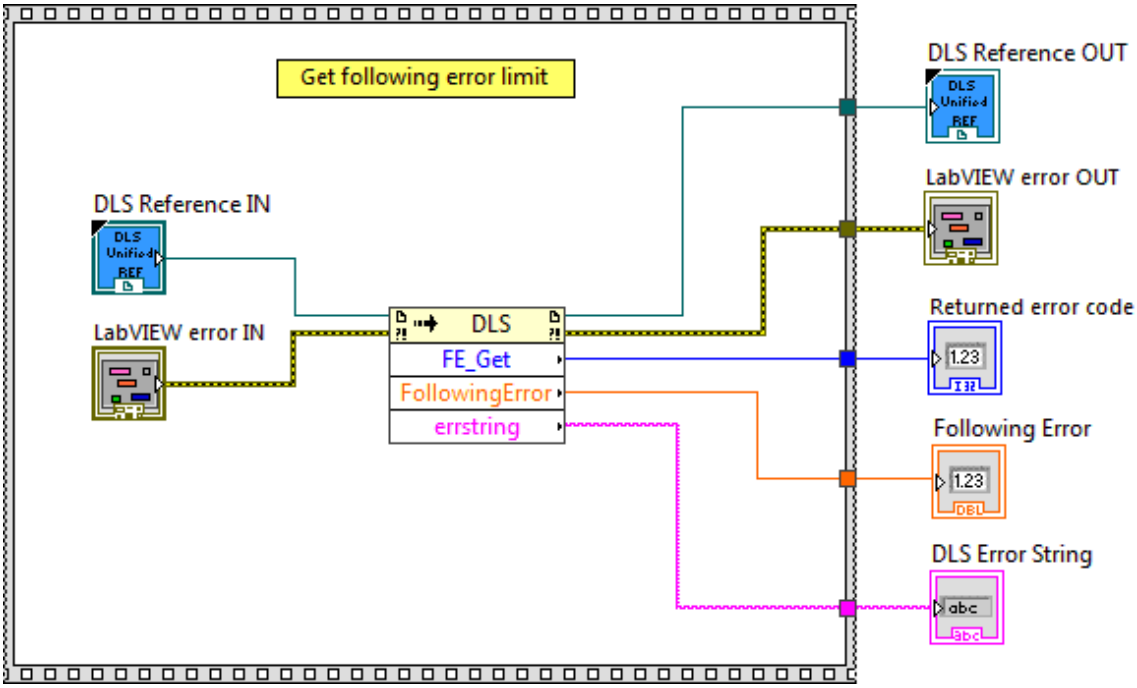
This function is used to get following error limit.

Connector Pane

LWDLS_FE_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Following Error is the following error.

DLS Error String returns error string from VI.

2.38 FE_Set

Name

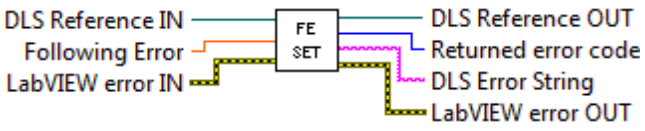
FE_Set – Sets following error limit.

Description

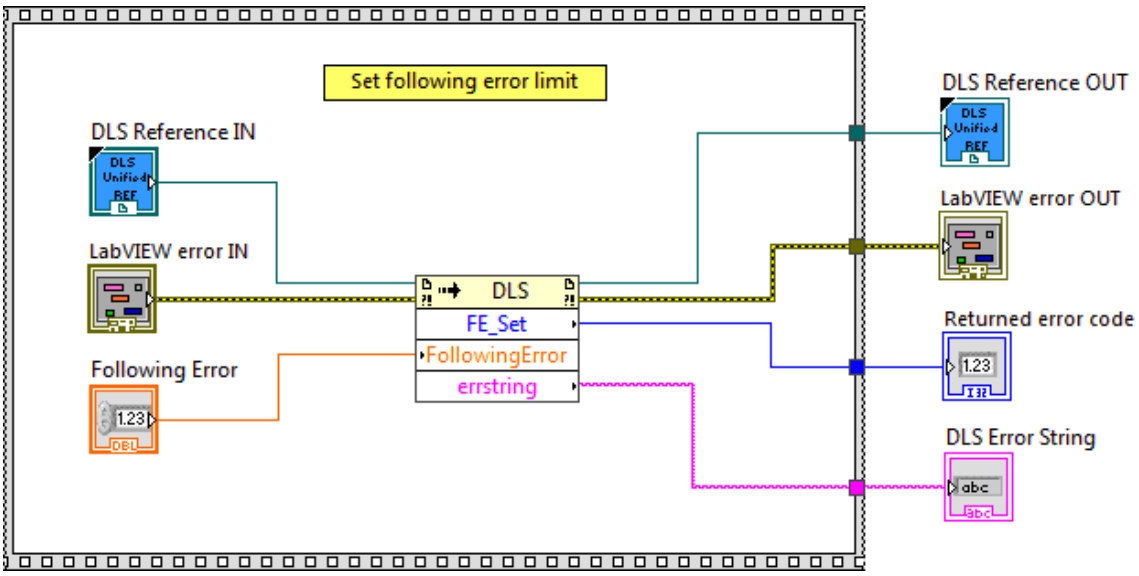
This function is used to set following error limit.

Connector Pane

LWDLS_FE_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Following Error is the following error.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.39 FL_Get

Name

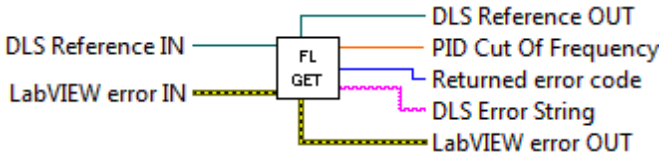
FL_Get – Gets PID cut of frequency.

Description

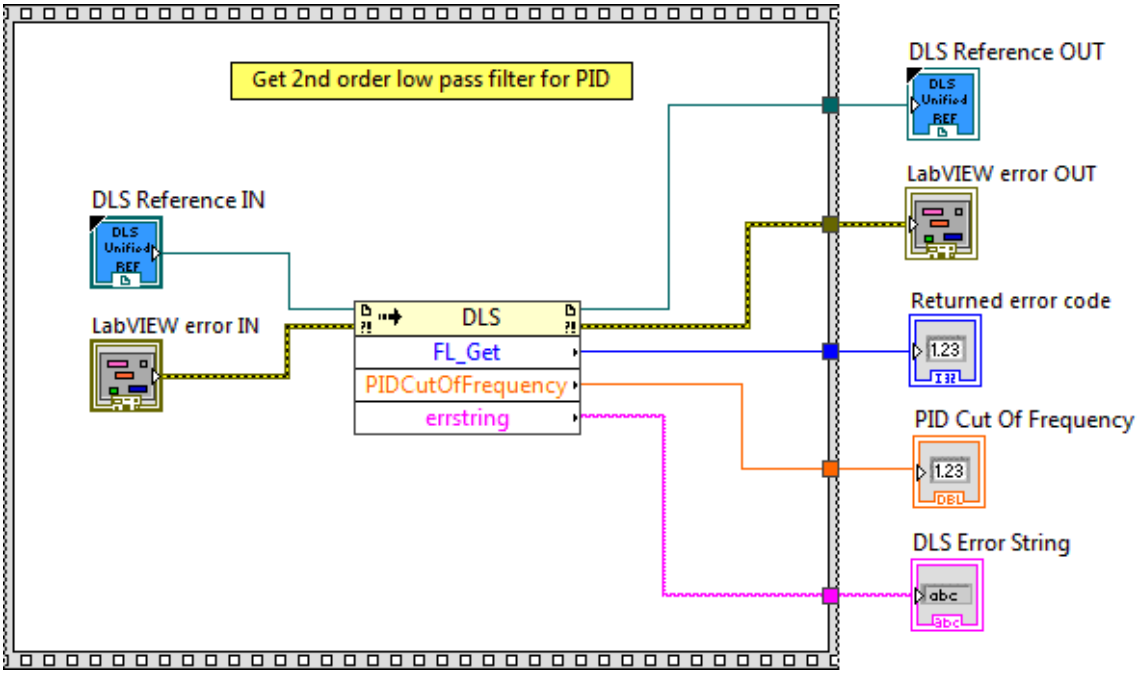
This function is used to get PID cut of frequency.

Connector Pane

LWDLS_FL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

PID Cut Of is the frequency PID cut of frequency.

DLS Error String returns error string from VI.

2.40 FL_Set

Name

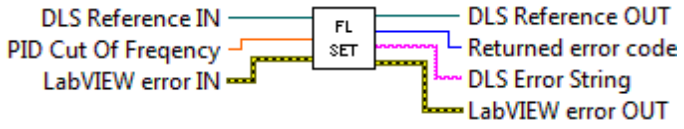
FL_Set – Sets PID cut of frequency.

Description

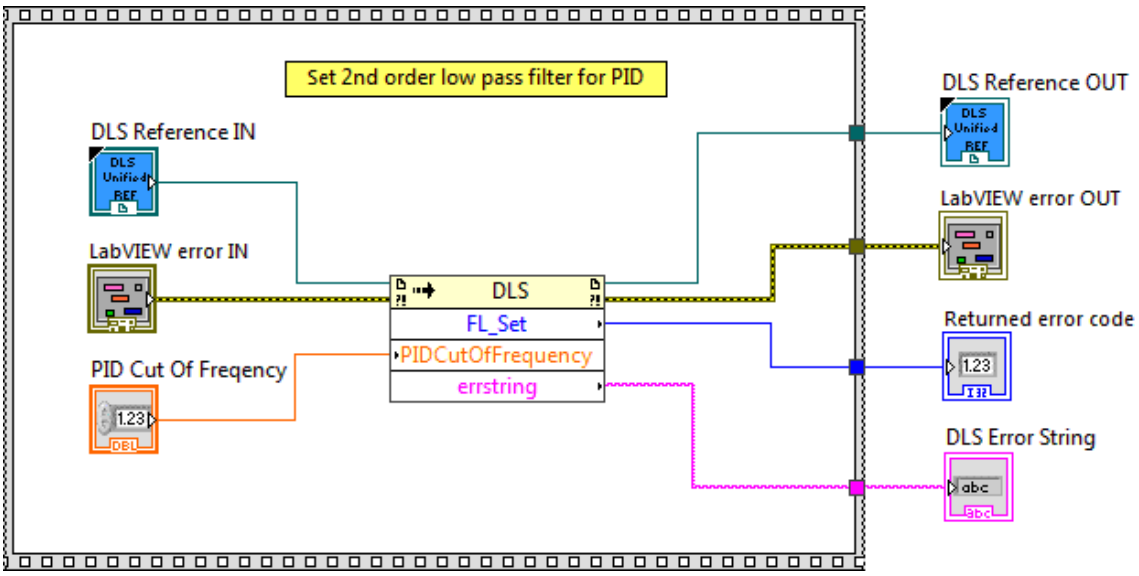
This function is used to set PID cut of frequency.

Connector Pane

LWDLS_FL_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

PID Cut Of is the frequency PID cut of frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.41 FMC_Get

Name

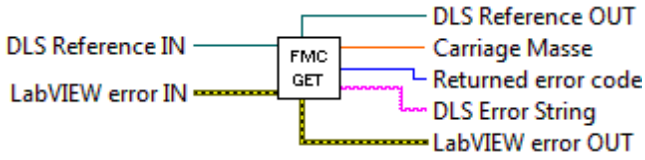
FMC_Get – Gets carriage masse.

Description

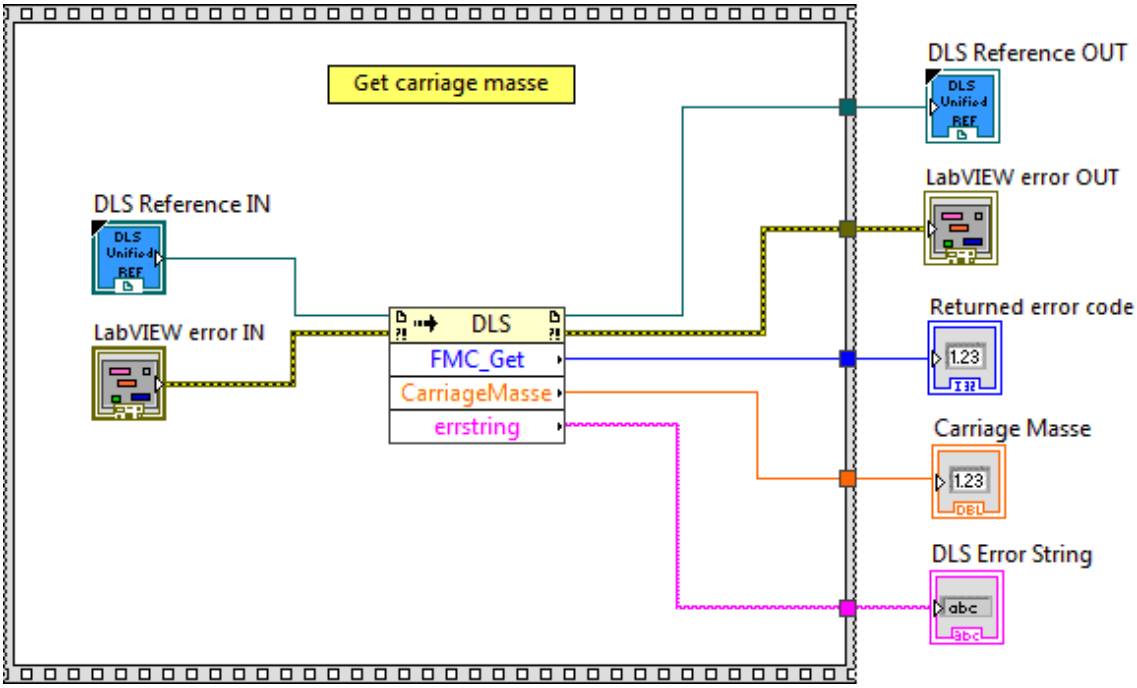
This function is used to get carriage masse.

Connector Pane

LWDLS_FMC_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Carriage Masse Carriage masse.

DLS Error String returns error string from VI.

2.42 FMC_Set

Name

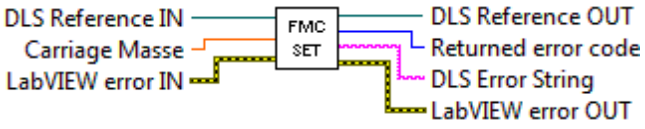
FMC_Set – Sets carriage masse.

Description

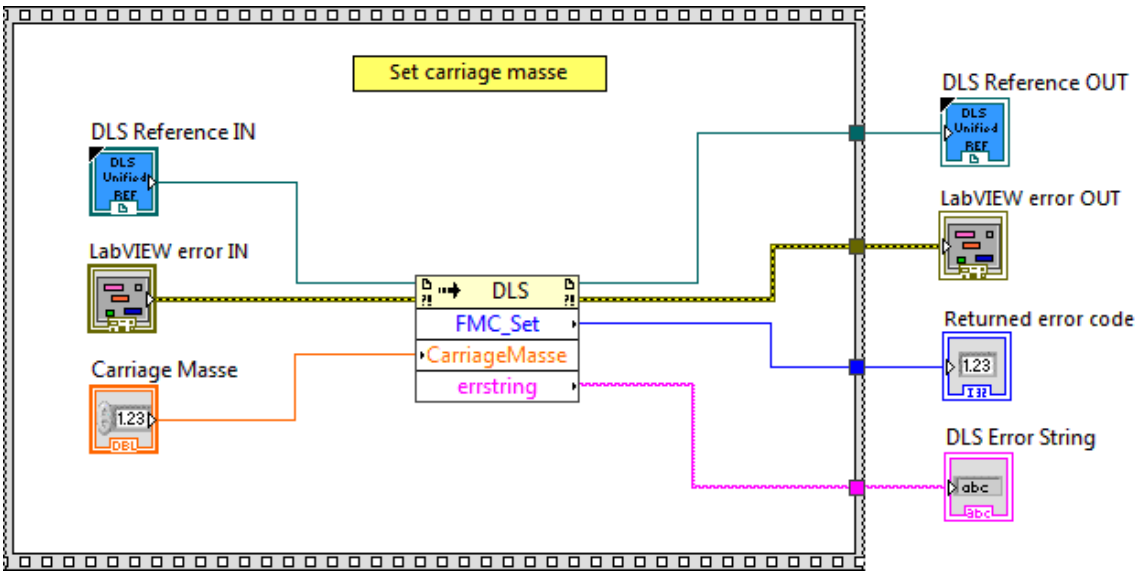
This function is used to set carriage masse.

Connector Pane

LWDLS_FMC_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Carriage Masse Carriage masse.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.43 FML_Get

Name

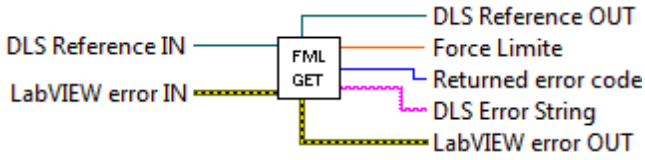
FML_Get – Gets force limite.

Description

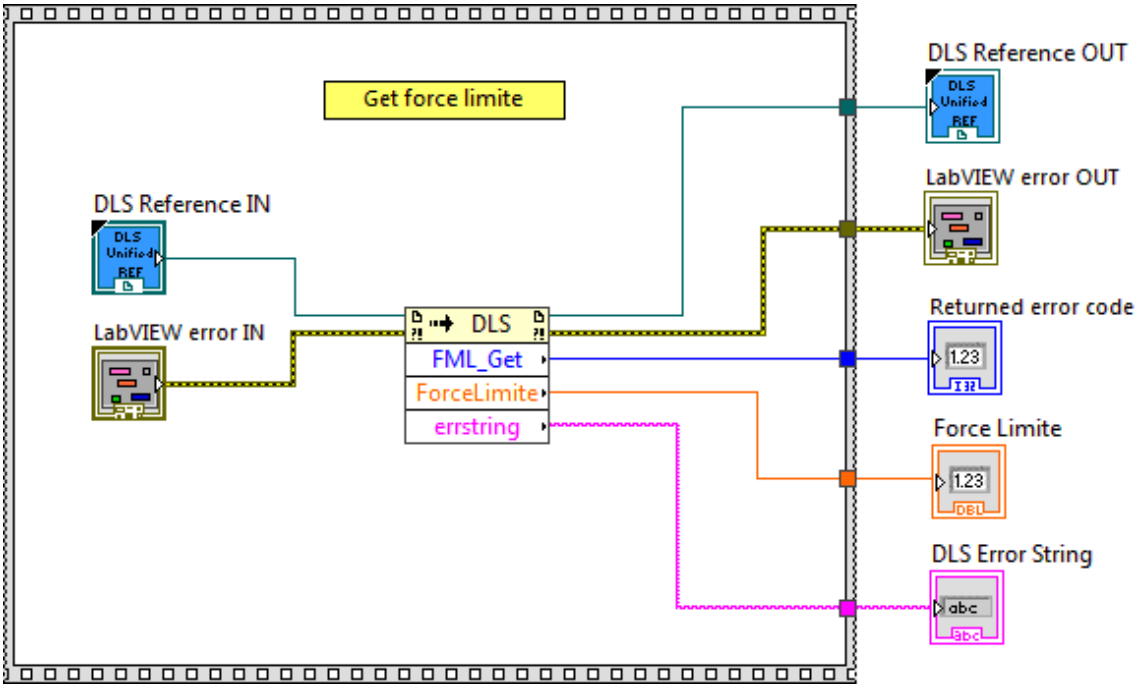
This function is used to get force limite.

Connector Pane

LWDLS_FML_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Force Limite is the force limite.

DLS Error String returns error string from VI.

2.44 FML_Set

Name

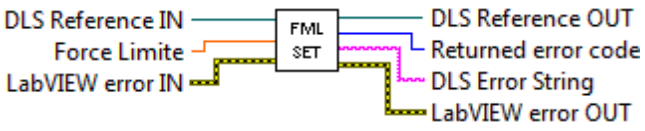
FML_Set – Sets force limite.

Description

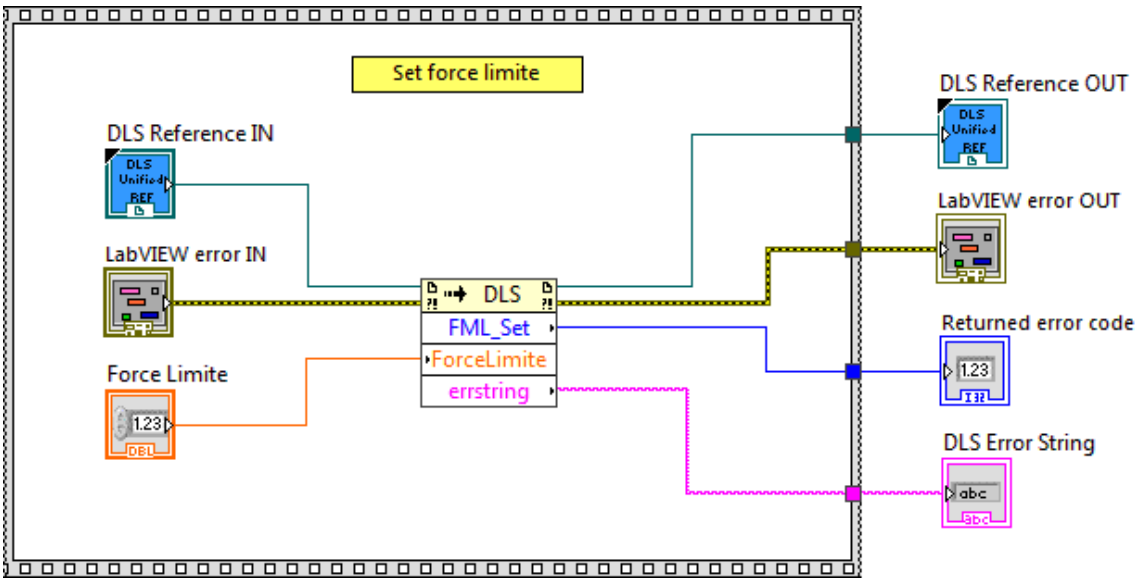
This function is used to set force limite.

Connector Pane

LWDLS_FML_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Force Limite is the force limite.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.45 FMP_Get

Name

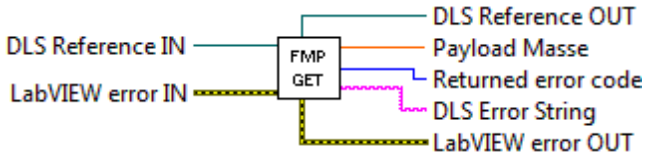
FMP_Get – Gets Payload Masse.

Description

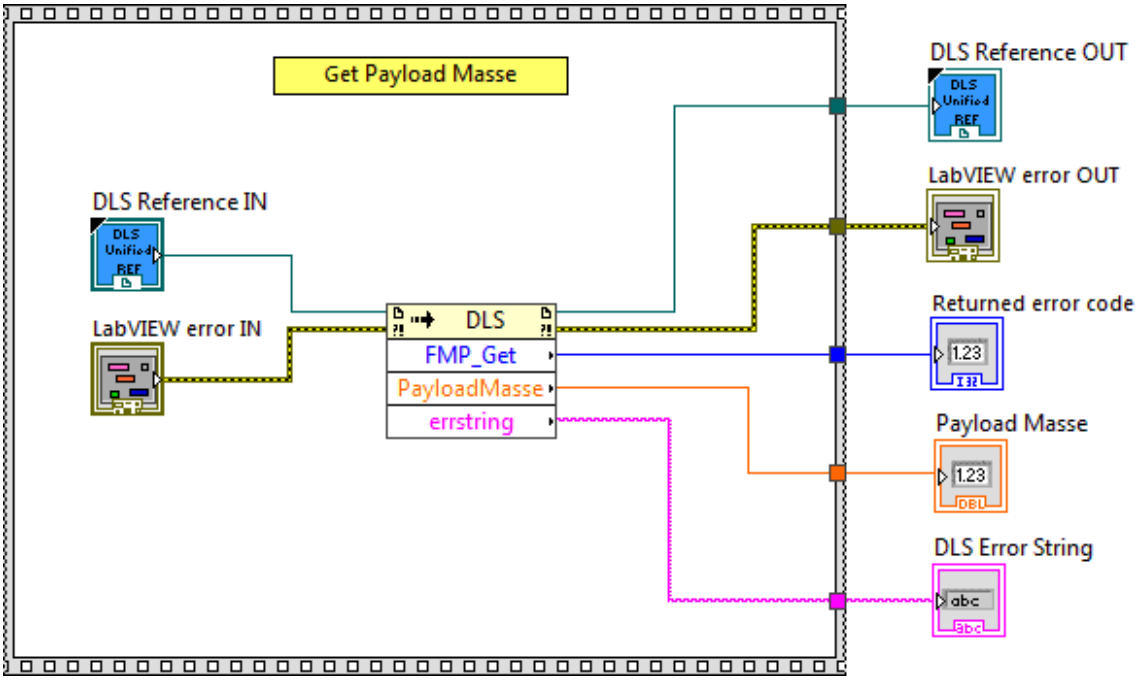
This function is used to get Payload Masse.

Connector Pane

LWDLS_FMP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Payload Masse is the payload masse.

DLS Error String returns error string from VI.

2.46 FMP_Set

Name

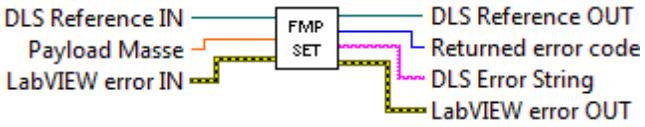
FMP_Set – Sets Payload Masse.

Description

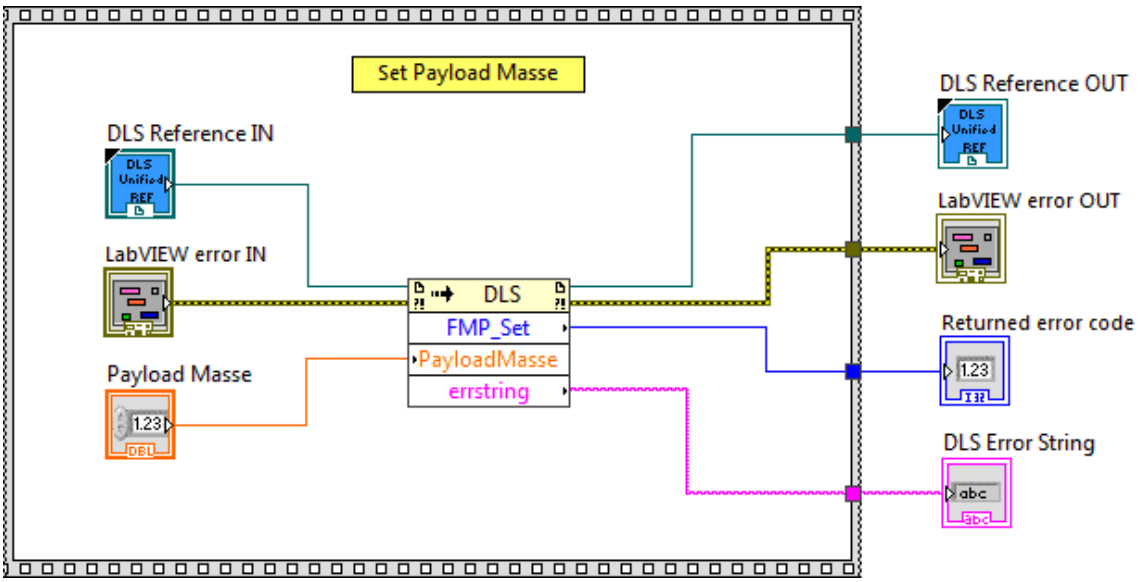
This function is used to set Payload Masse.

Connector Pane

LWDLS_FMP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Payload Masse is the payload masse.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.47 FMS_Get

Name

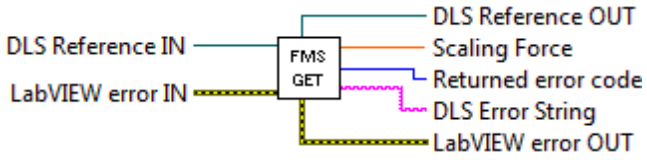
FMS_Get – Gets scaling force.

Description

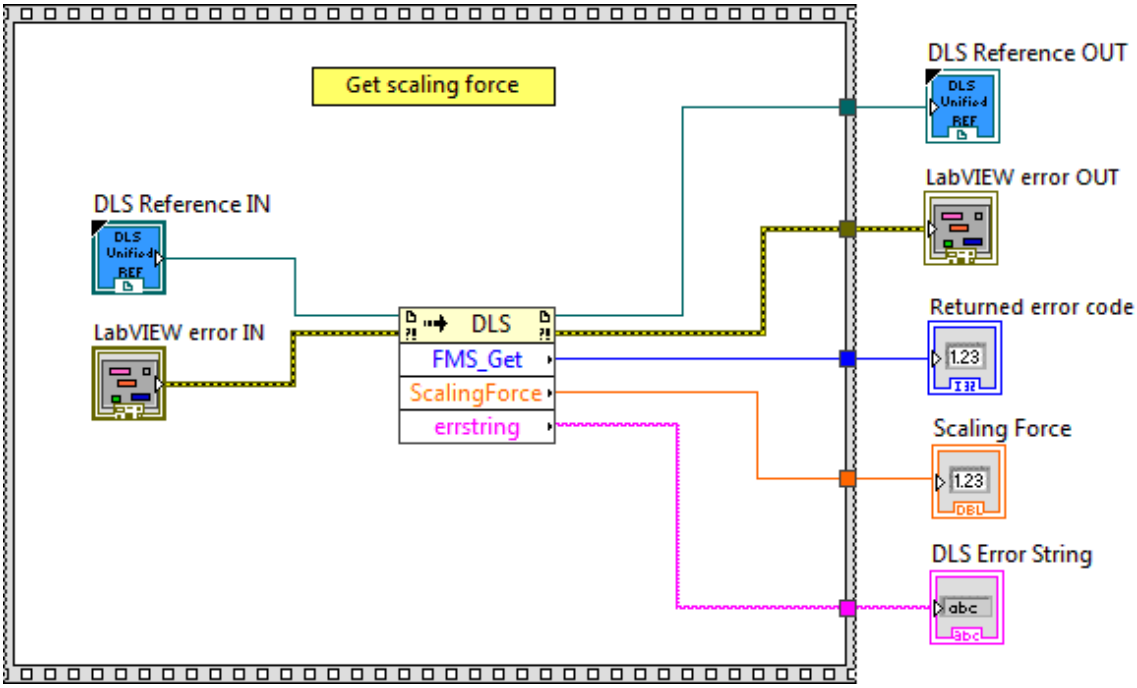
This function is used to get scaling force.

Connector Pane

LWDLS_FMS_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Scaling Force Scaling force.

DLS Error String returns error string from VI.

2.48 FMS_Set

Name

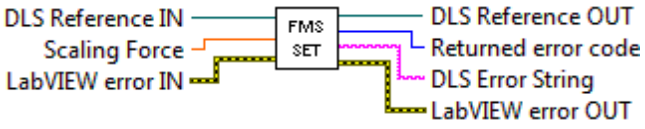
FMS_Set – Sets scaling force.

Description

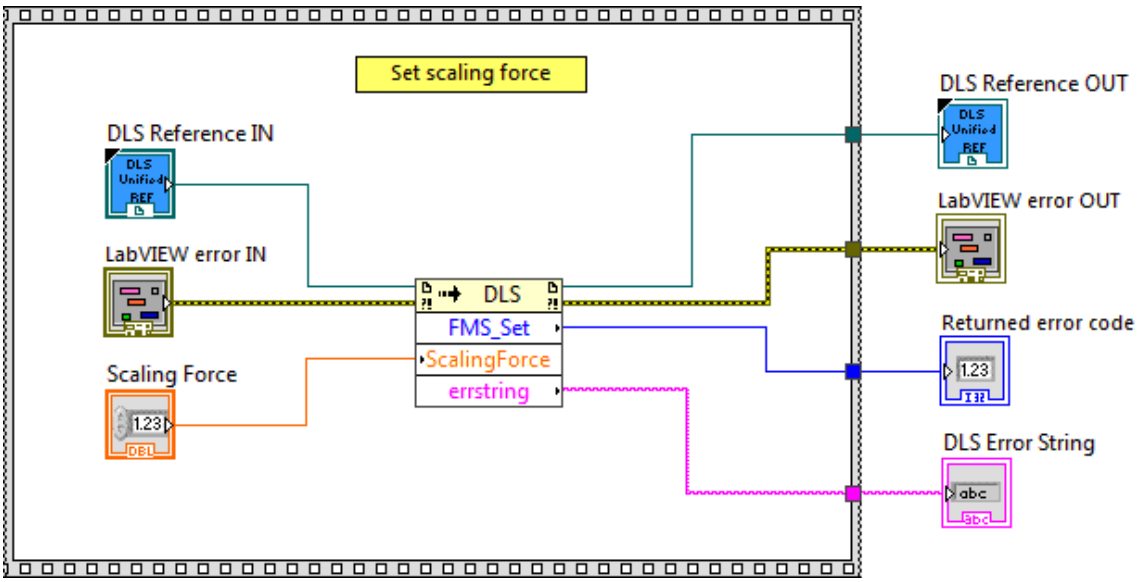
This function is used to set scaling force.

Connector Pane

LWDLS_FMS_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Scaling Force Scaling force.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.49 FSM_Get

Name

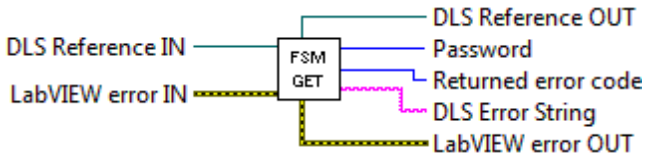
FSM_Get – Sends the password to allow factory settings or serial number modifications.

Description

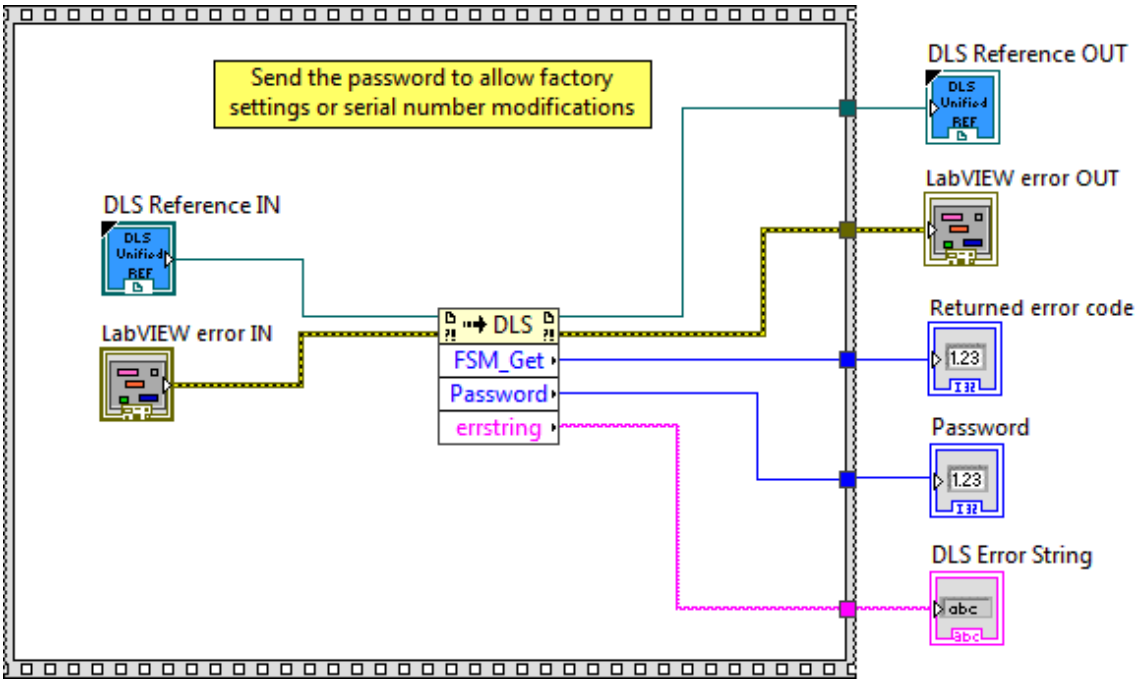
This function is used to send the password to allow factory settings or serial number modifications.

Connector Pane

LWDLS_FSM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Password Password.

DLS Error String returns error string from VI.

2.50 FSM_Set

Name

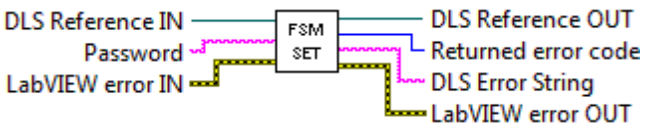
FSM_Set – Sends the password to allow factory settings or serial number modifications.

Description

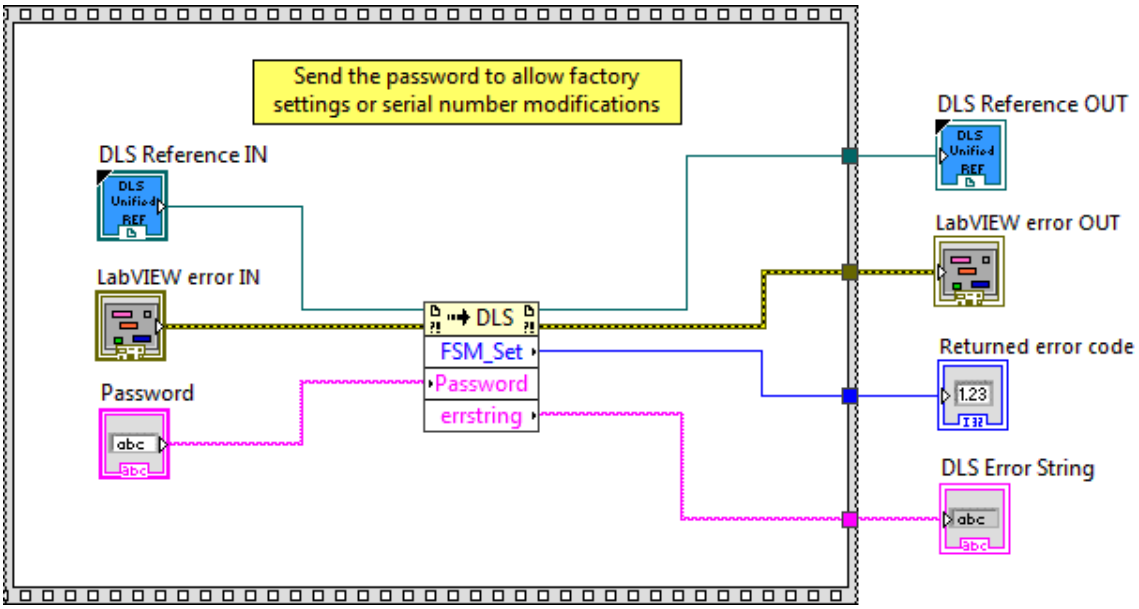
This function is used to send the password to allow factory settings or serial number modifications.

Connector Pane

LWDLS_FSM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Password Password.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.51 FSR

Name

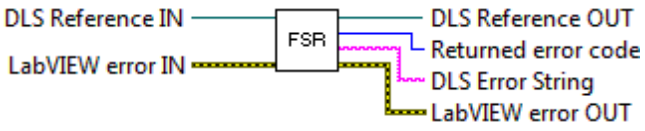
FSR – Restores all parameters to factory settings.

Description

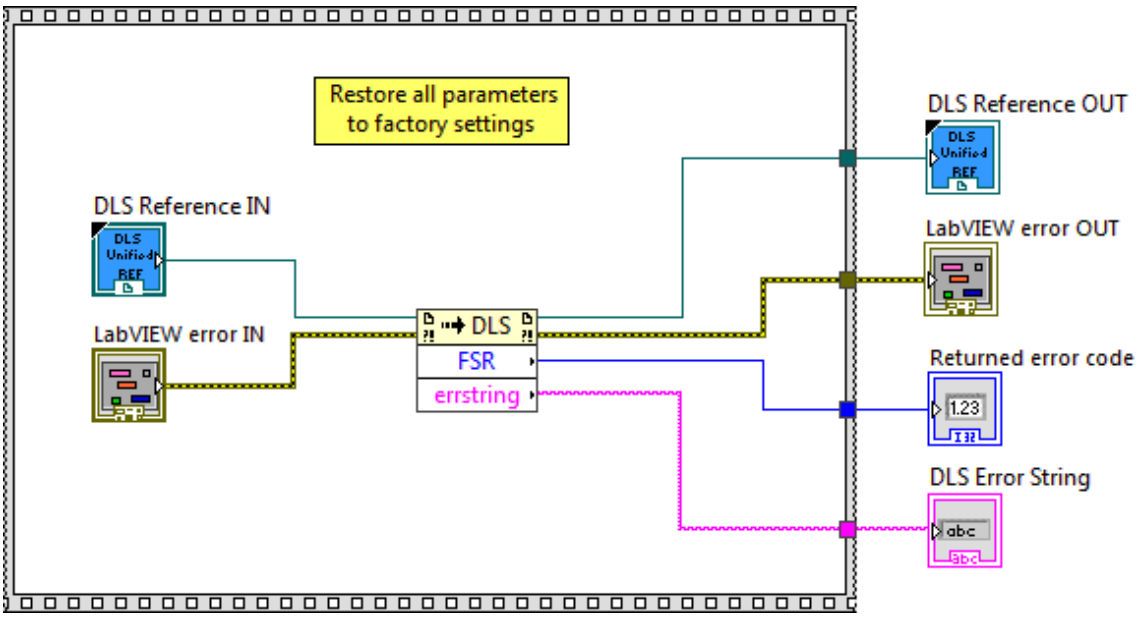
This function is used to restore all parameters to factory settings.

Connector Pane

LWDLS_FSR.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.52 GIC_Get

Name

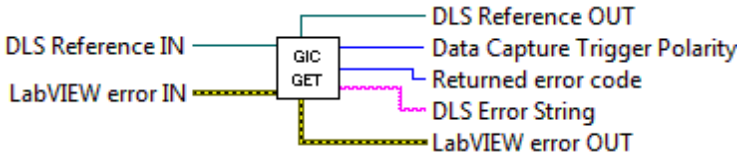
GIC_Get – Gets the polarity of input trigger 2 for start motion trigger.

Description

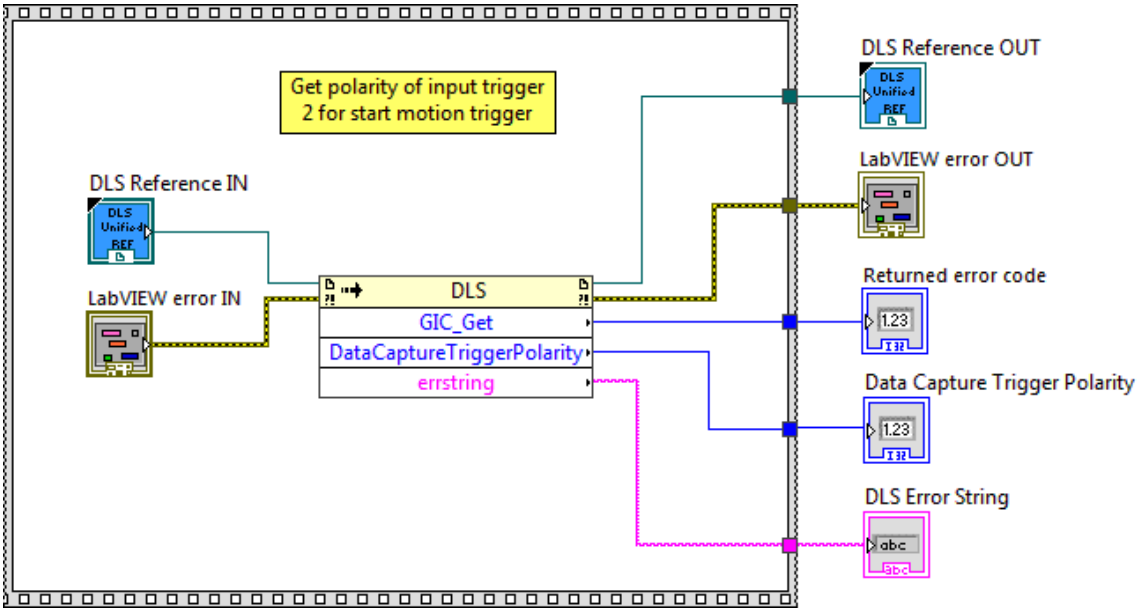
This function is used to get the polarity of input trigger 2 for start motion trigger.

Connector Pane

LWDLS_GIC_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Data Capture Trigger Polarity is the data capture trigger polarity.

DLS Error String returns error string from VI.

2.53 GIC_Set

Name

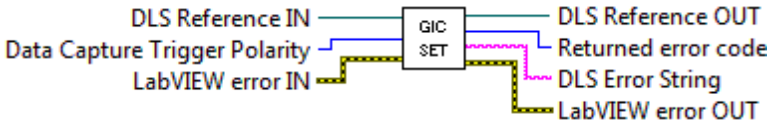
GIC_Set – Sets the polarity of input trigger 2 for start motion trigger.

Description

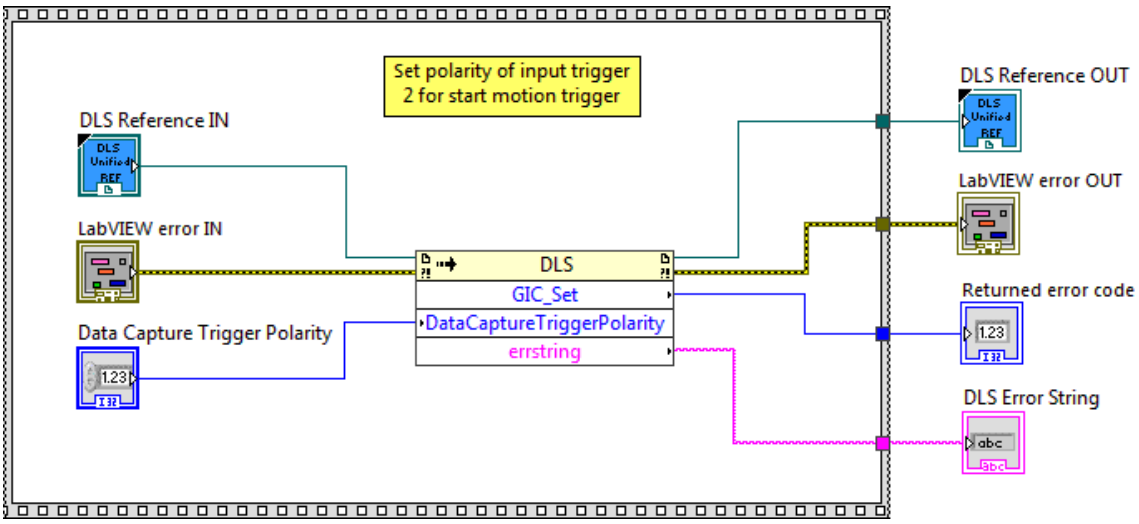
This function is used to set the polarity of input trigger 2 for start motion trigger.

Connector Pane

LWDLS_GIC_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Data Capture Trigger Polarity is the data capture trigger polarity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.54 GIM_Get

Name

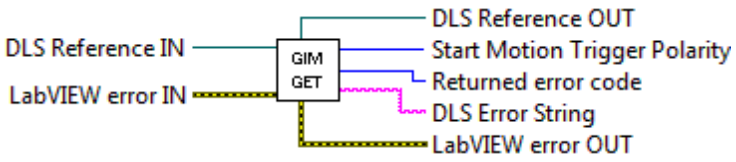
GIM_Get – Gets the polarity of input trigger 1 for data capture.

Description

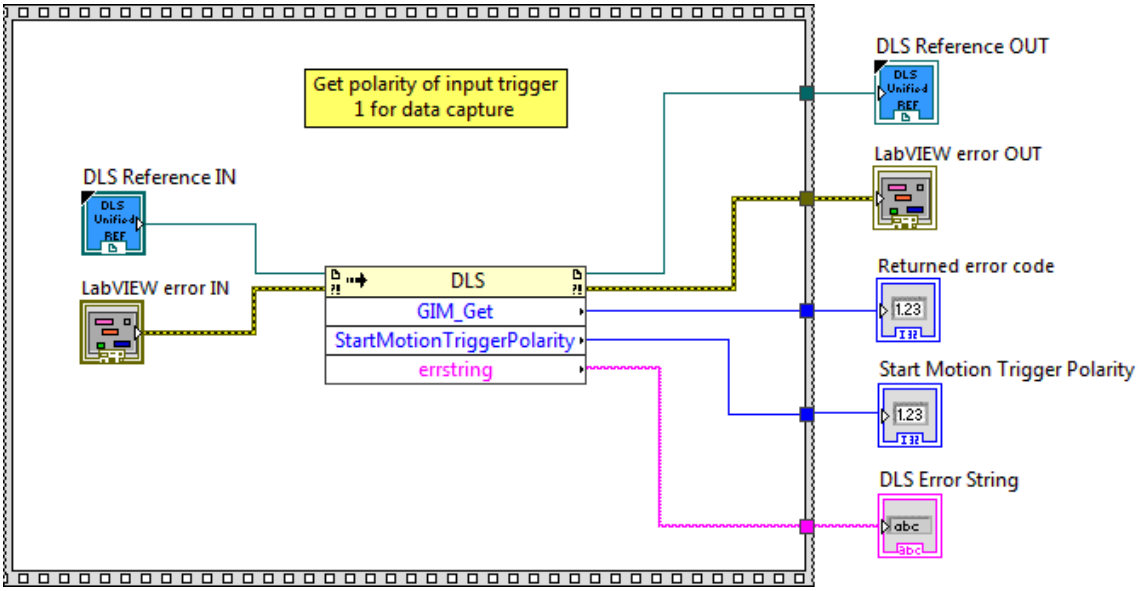
This function is used to get the polarity of input trigger 1 for data capture.

Connector Pane

LWDLS_GIM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Start Motion Trigger Polarity Start motion trigger polarity.

DLS Error String returns error string from VI.

2.55 GIM_Set

Name

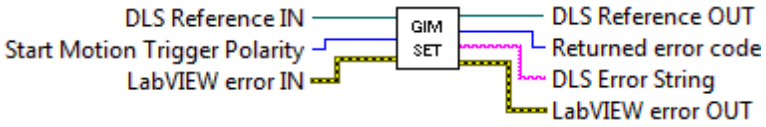
GIM_Set – Sets the polarity of input trigger 1 for data capture.

Description

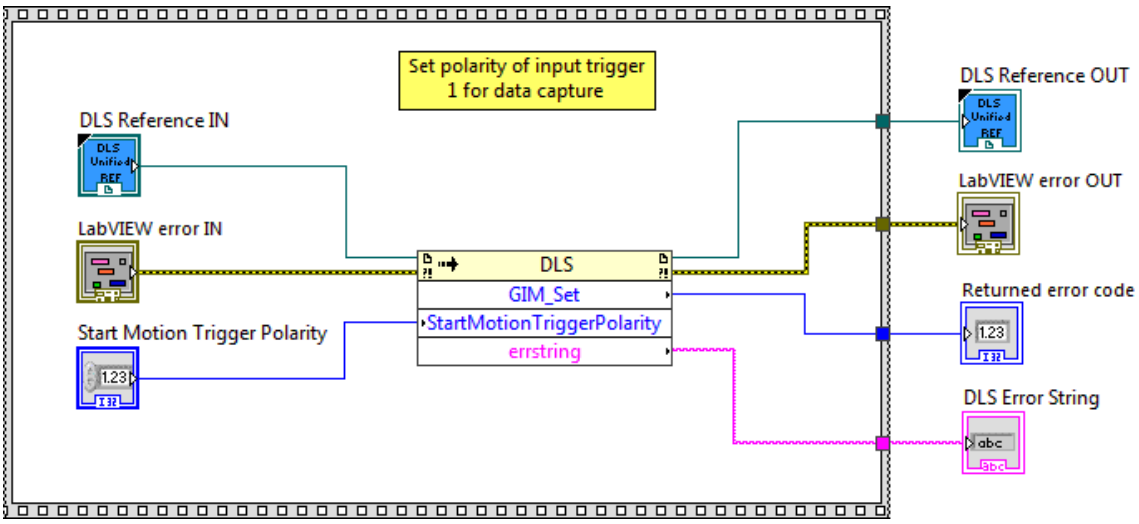
This function is used to set the polarity of input trigger 1 for data capture.

Connector Pane

LWDLS_GIM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Start Motion Trigger Polarity Start motion trigger polarity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.56 GIT_Get

Name

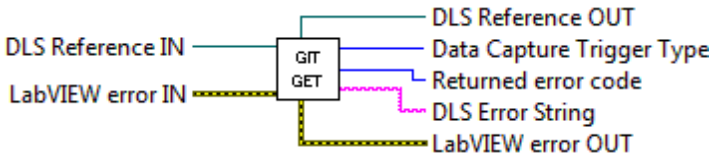
GIT_Get – Gets the type of input trigger 2 (0: data capture / 1: PGR direction / 2: goto reference).

Description

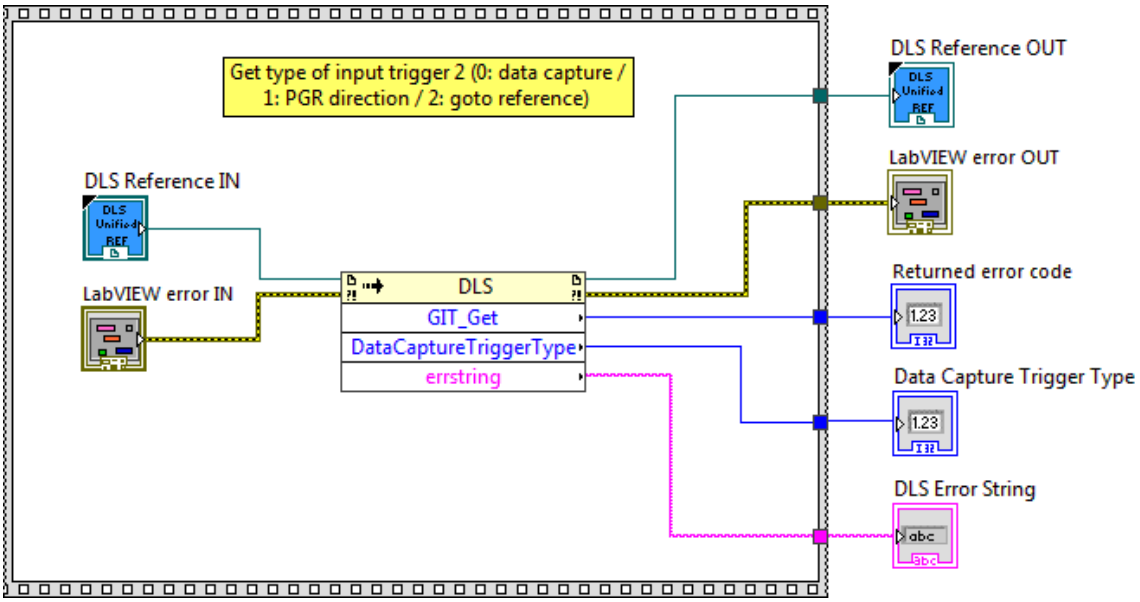
This function is used to get the type of input trigger 2 (0: data capture / 1: PGR direction / 2: goto reference).

Connector Pane

LWDLS_GIT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Data Capture Trigger Type is the data capture trigger type.

DLS Error String returns error string from VI.

2.57 GIT_Set

Name

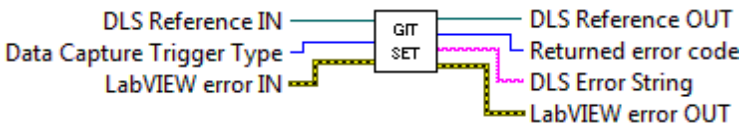
GIT_Set – Sets the type of input trigger 2 (0: data capture / 1: PGR direction / 2: goto reference).

Description

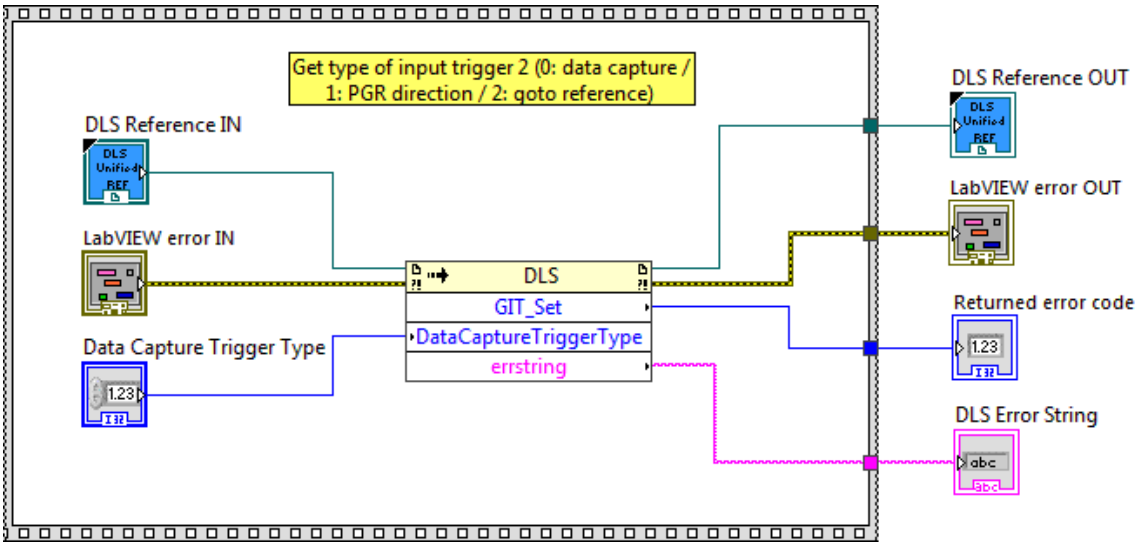
This function is used to set the type of input trigger 2 (0: data capture / 1: PGR direction / 2: goto reference).

Connector Pane

LWDLS_GIT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Data Capture Trigger Type is the data capture trigger type.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.58 GOF_Get

Name

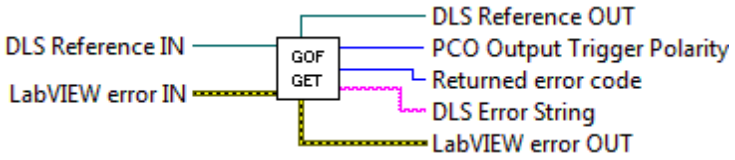
GOF_Get – Gets the position filter frequency for the PCO output.

Description

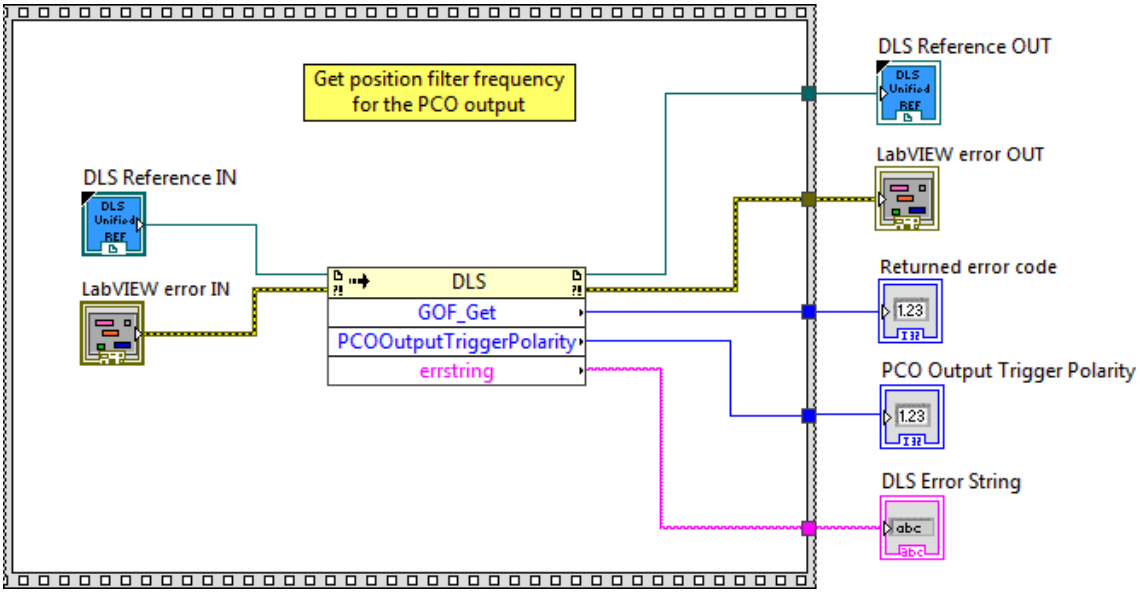
This function is used to get the position filter frequency for the PCO output.

Connector Pane

LWDLS_GOF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

PCO Output Trigger Polarity PCO output trigger polarity.

DLS Error String returns error string from VI.

2.59 GOF_Set

Name

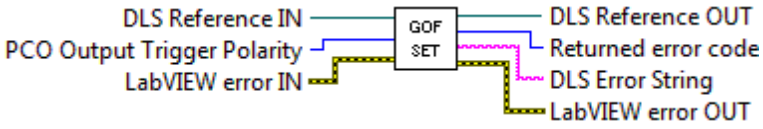
GOF_Set – Sets the position filter frequency for the PCO output.

Description

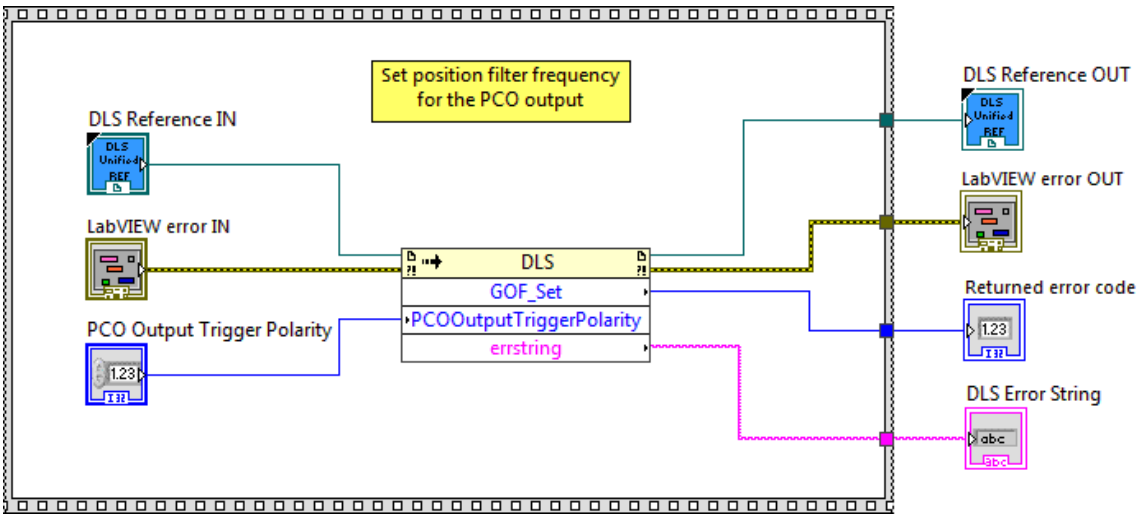
This function is used to set the position filter frequency for the PCO output.

Connector Pane

LWDLS_GOF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

PCO Output Trigger Polarity PCO output trigger polarity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.60 GOP_Get

Name

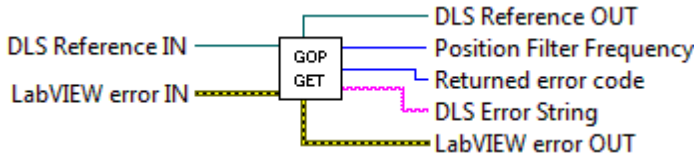
GOP_Get – Gets the polarity of output trigger 2 (PCO).

Description

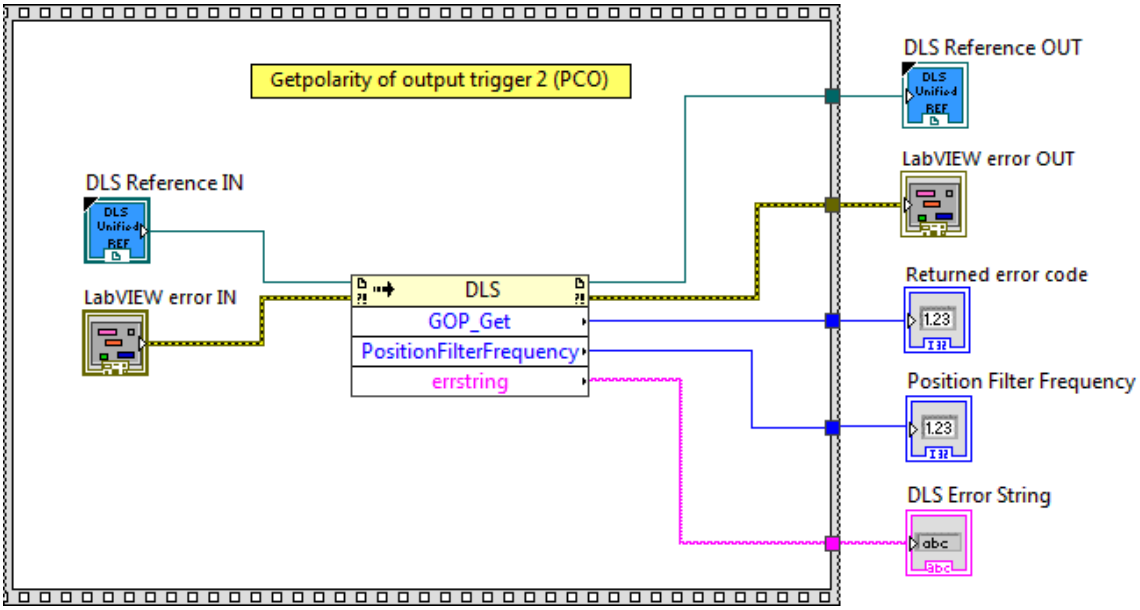
This function is used to get the polarity of output trigger 2 (PCO).

Connector Pane

LWDLS_GOP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Position Filter is the frequency Position filter frequency.

DLS Error String returns error string from VI.

2.61 GOP_Set

Name

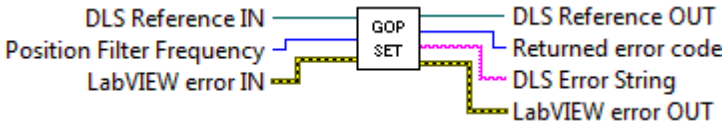
GOP_Set – Sets the polarity of output trigger 2 (PCO).

Description

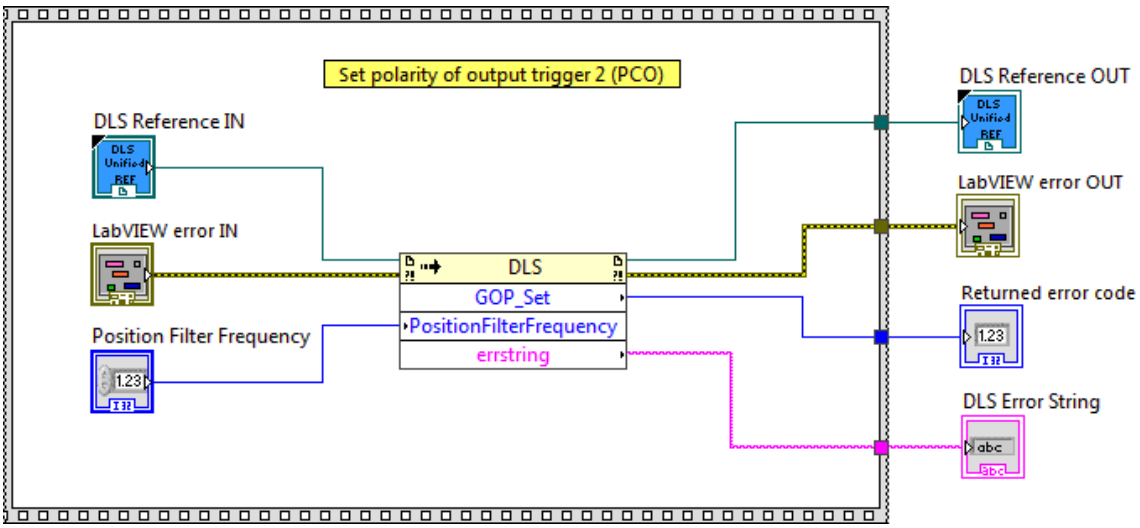
This function is used to set the polarity of output trigger 2 (PCO).

Connector Pane

LWDLS_GOP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Position Filter is the frequency Position filter frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.62 GOM_Get

Name

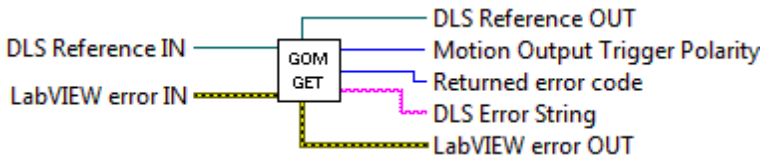
GOM_Get – Gets the polarity of output trigger 1 for motion trigger.

Description

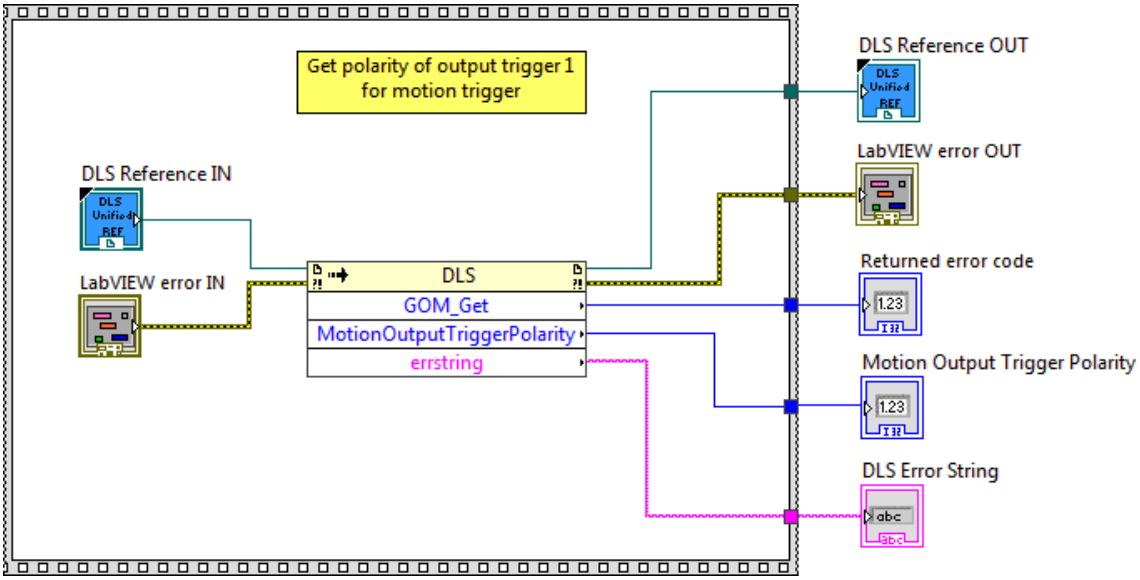
This function is used to get the polarity of output trigger 1 for motion trigger.

Connector Pane

LWDLS_GOM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motion Output Trigger Polarity Motion output trigger polarity.

DLS Error String returns error string from VI.

2.63 GOM_Set

Name

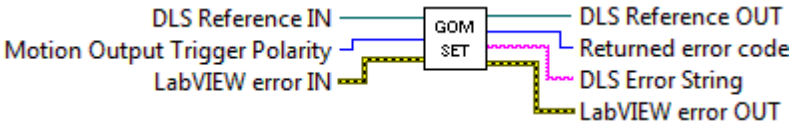
GOM_Set – Sets the polarity of output trigger 1 for motion trigger.

Description

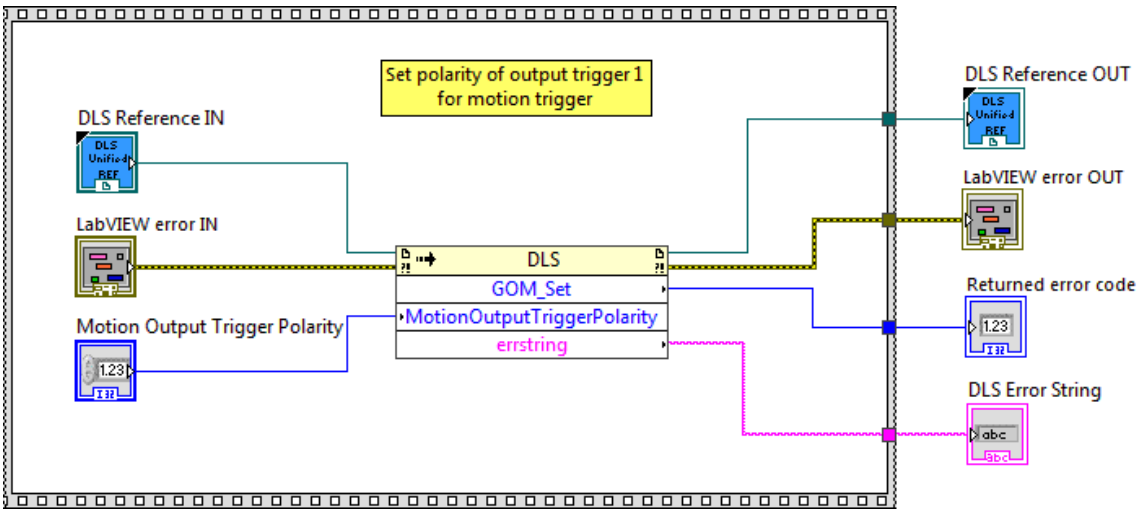
This function is used to set the polarity of output trigger 1 for motion trigger.

Connector Pane

LWDLS_GOM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motion Output Trigger Polarity Motion output trigger polarity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.64 GOT_Get

Name

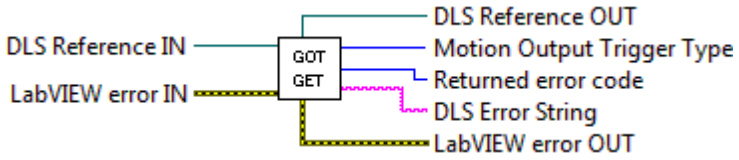
GOT_Get – Gets the type of output trigger.

Description

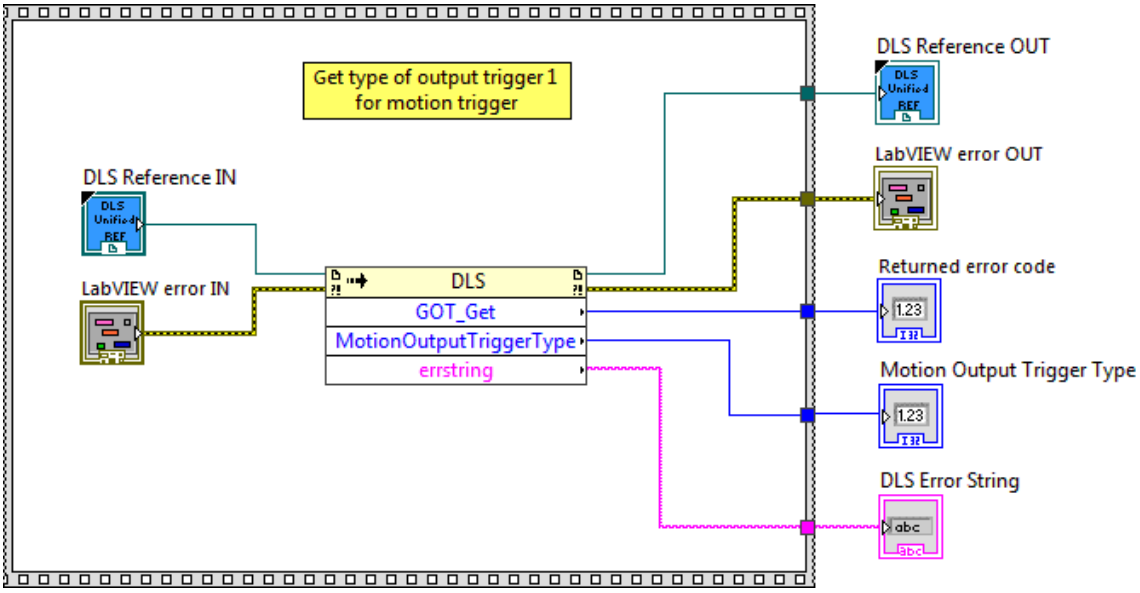
This function is used to get the type of output trigger.

Connector Pane

LWDLS_GOT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returDLS Reference.

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

Returned Error Code returns function error code.

Motion Output Trigger Type Motion output trigger type.

DLS Error String returns error string from VI.

2.65 GOT_Set

Name

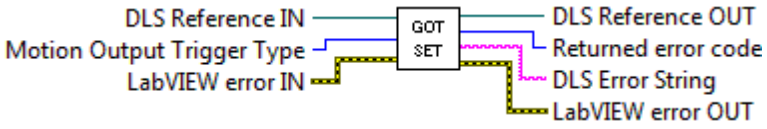
GOT_Set – Sets the type of output trigger.

Description

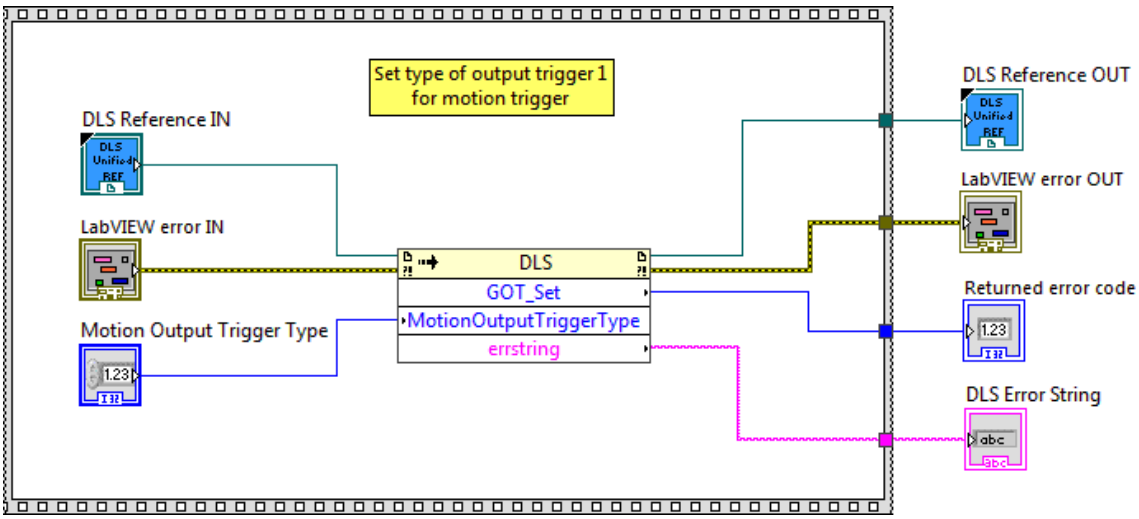
This function is used to set the type of output trigger.

Connector Pane

LWDLS_GOT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motion Output Trigger Type Motion output trigger type.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.66 GOW_Get

Name

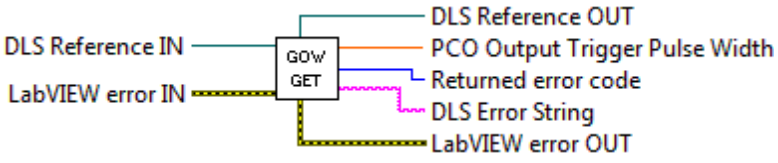
GOW_Get – Gets the pulse width for PCO output trigger.

Description

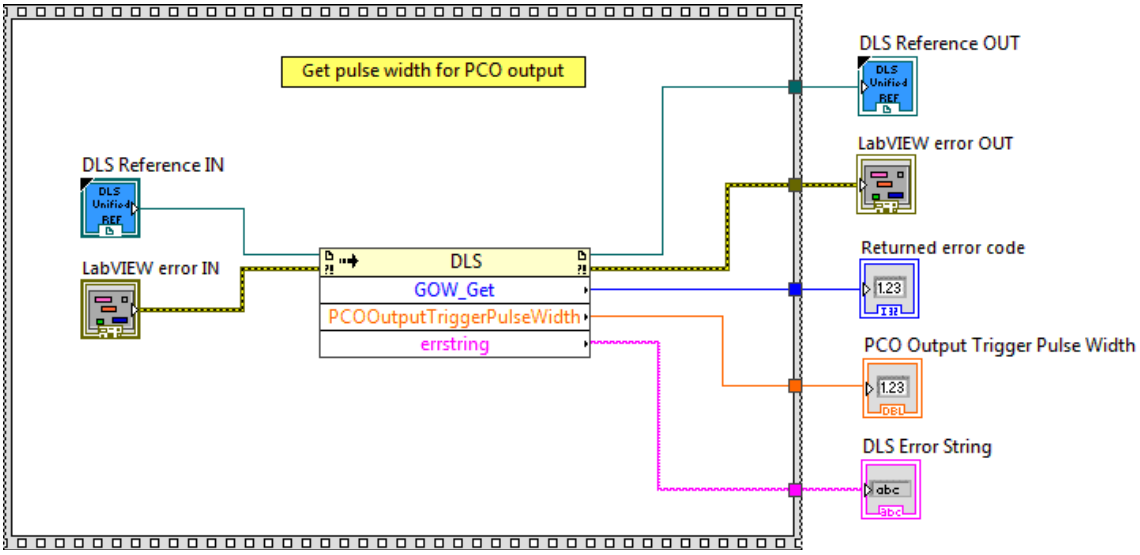
This function is used to get pulse width for PCO output trigger.

Connector Pane

LWDLS_GOW_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

PCO Output Trigger Pulse Width PCO output trigger pulse width.

DLS Error String returns error string from VI.

2.67 GOW_Set

Name

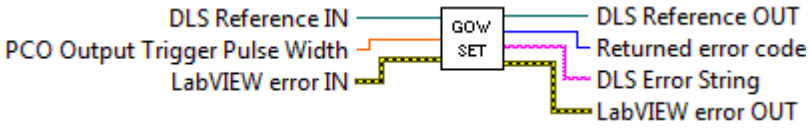
GOW_Set – Sets the pulse width for PCO output trigger.

Description

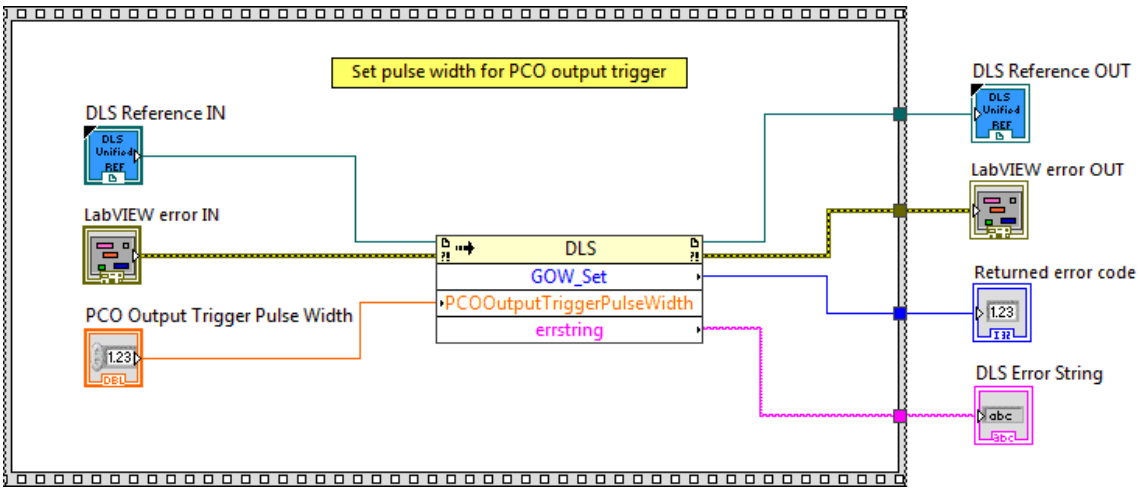
This function is used to set pulse width for PCO output trigger.

Connector Pane

LWDLS_GOW_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

PCO Output Trigger Pulse Width PCO output trigger pulse width.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.68 GPE_Get

Name

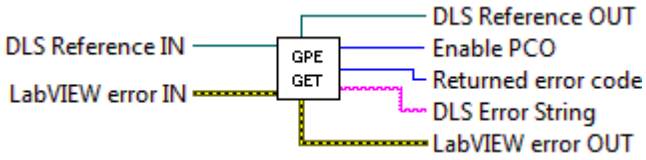
GPE_Get – Enables/Disables PCO function.

Description

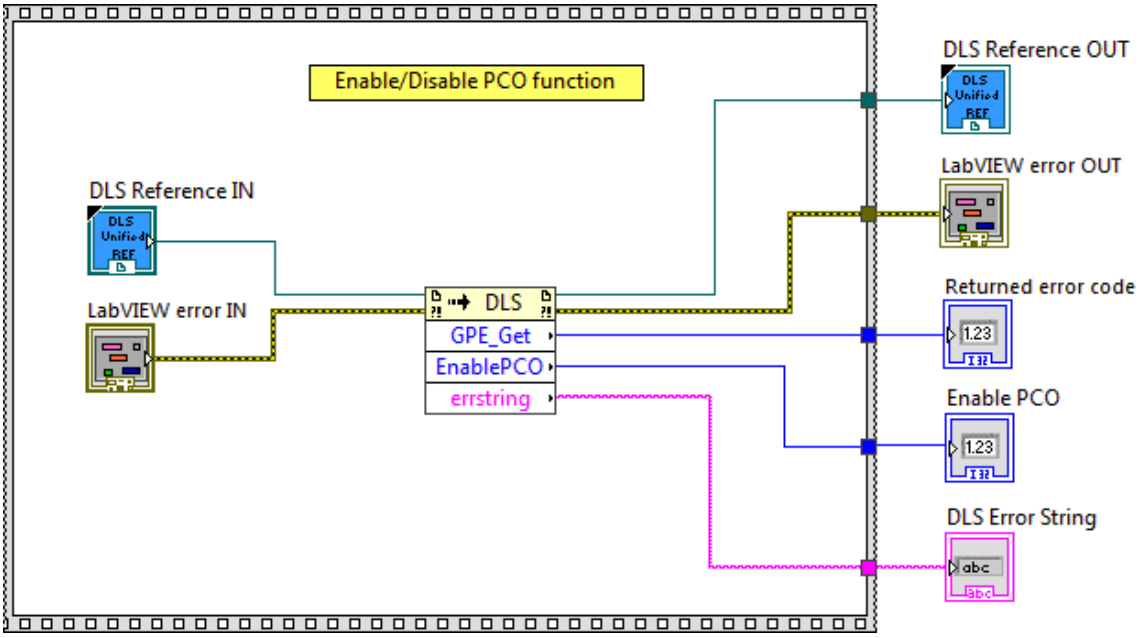
This function is used to Enable/Disable PCO function.

Connector Pane

LWDLS_GPE_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Enable PCO enables PCO.

DLS Error String returns error string from VI.

2.69 GPE_Set

Name

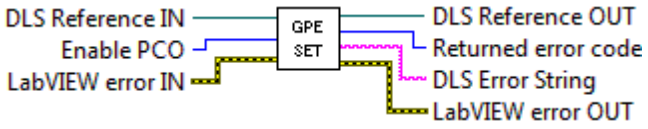
GPE_Set – Enables/Disables PCO function.

Description

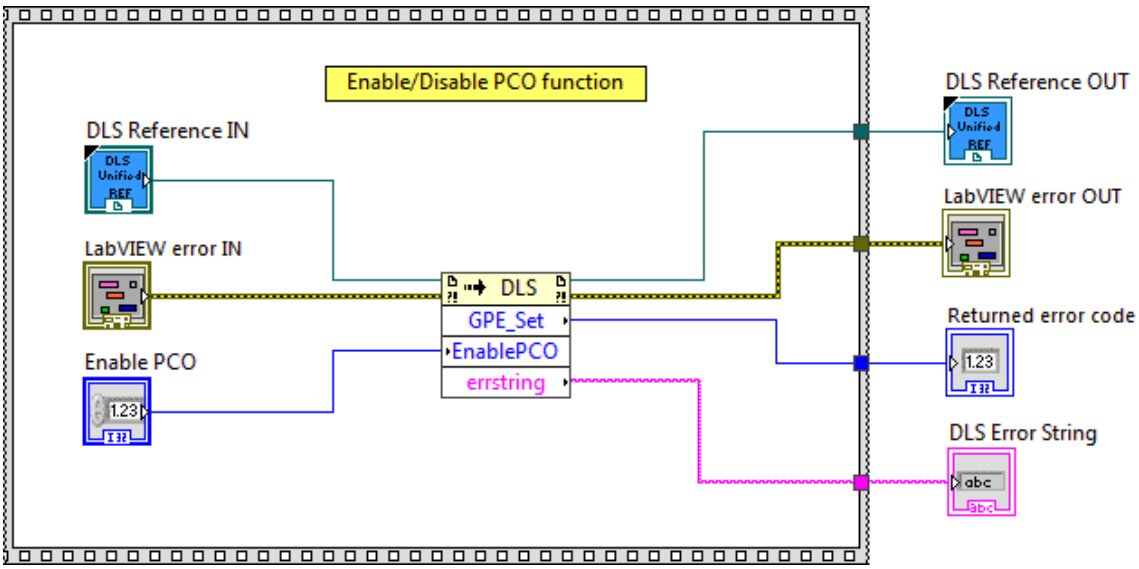
This function is used to Enable/Disable PCO function.

Connector Pane

LWDLS_GPE_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Enable PCO enables PCO.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.70 GPI_Get

Name

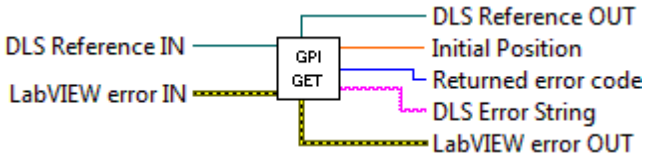
GPI_Get – Gets the Initial position for PCO trigger.

Description

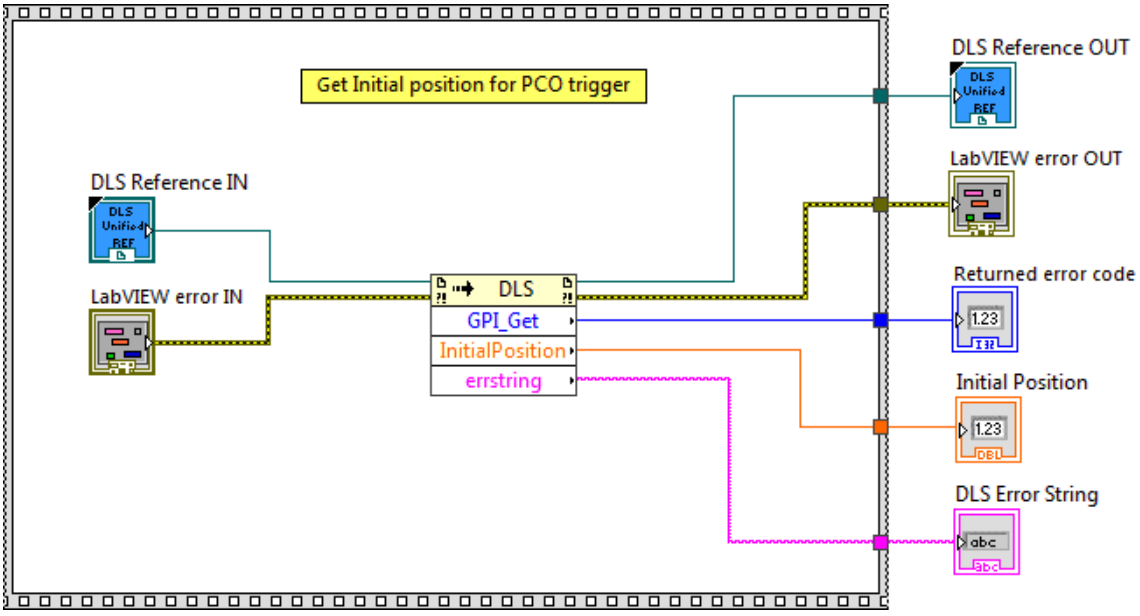
This function is used to get the Initial position for PCO trigger.

Connector Pane

LWDLS_GPI_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Initial Position Initial position.

DLS Error String returns error string from VI.

2.71 GPI_Set

Name

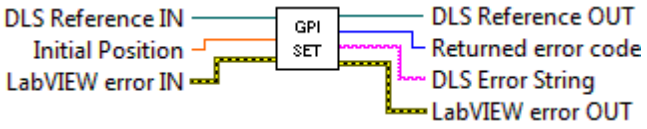
GPI_Set – Sets the Initial position for PCO trigger.

Description

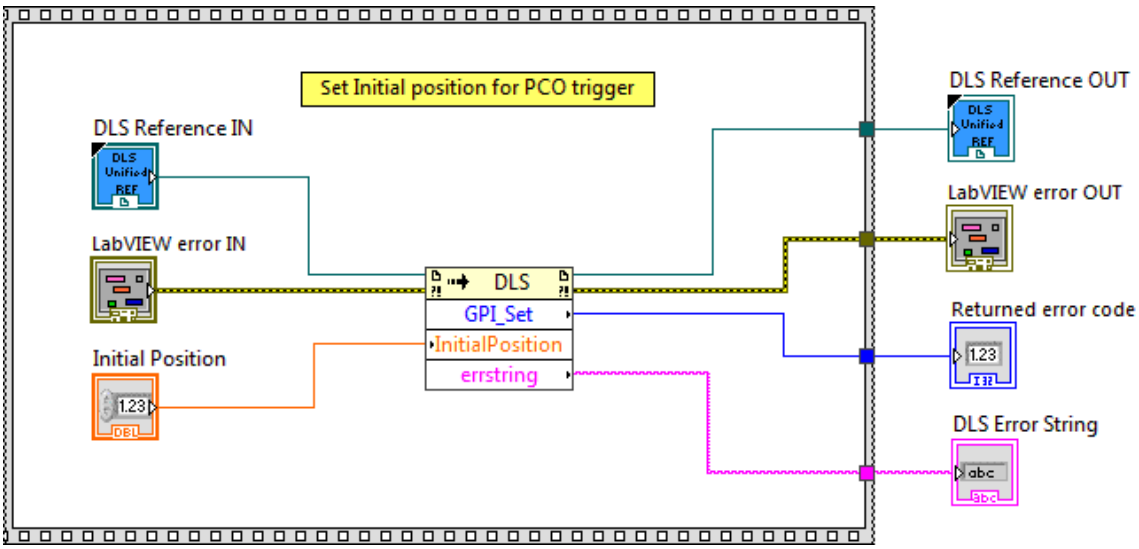
This function is used to set the Initial position for PCO trigger.

Connector Pane

LWDLS_GPI_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Initial Position Initial position.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.72 GPL_Get

Name

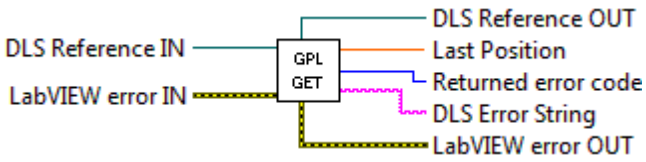
GPL_Get – Gets the last position for PCO trigger.

Description

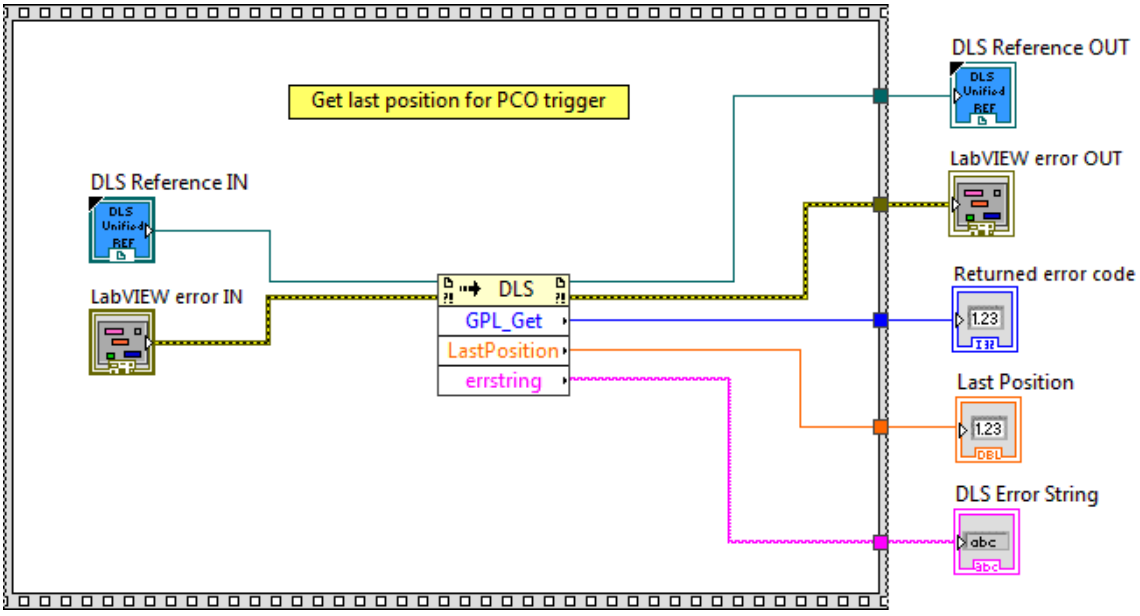
This function is used to get the last position for PCO trigger.

Connector Pane

LWDLS_GPL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Last Position Last position.

DLS Error String returns error string from VI.

2.73 GPL_Set

Name

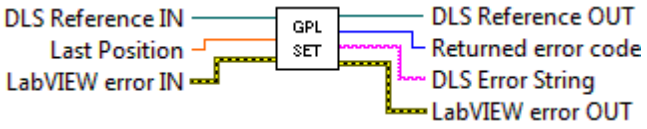
GPL_Set – Sets the last position for PCO trigger.

Description

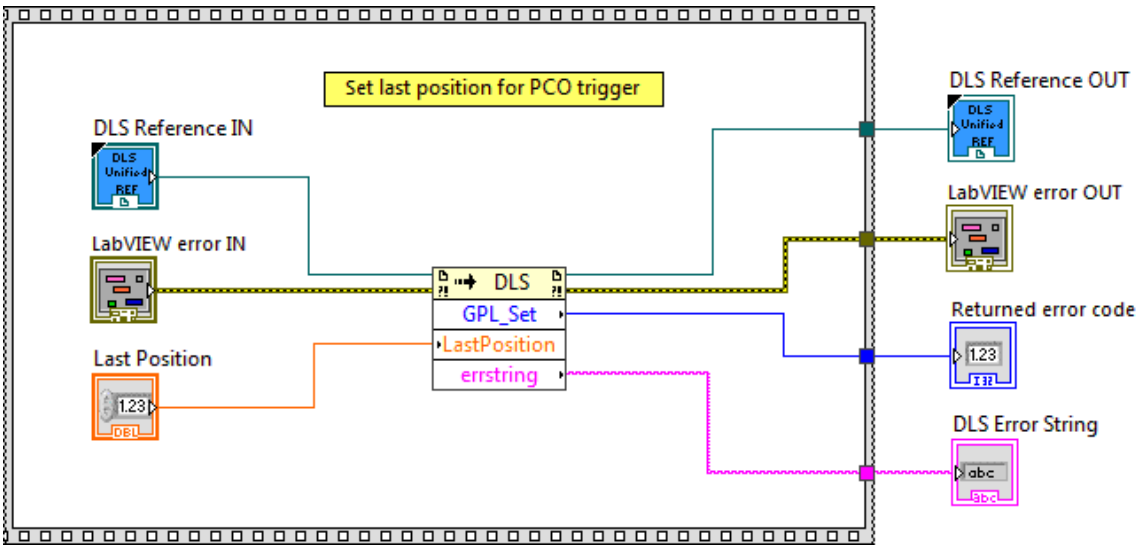
This function is used to set the last position for PCO trigger.

Connector Pane

LWDLS_GPL_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Last Position Last position.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.74 GPS_Get

Name

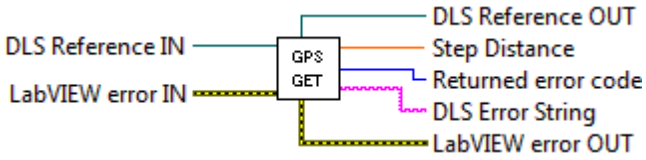
GPS_Get – Gets the step distance for PCO trigger.

Description

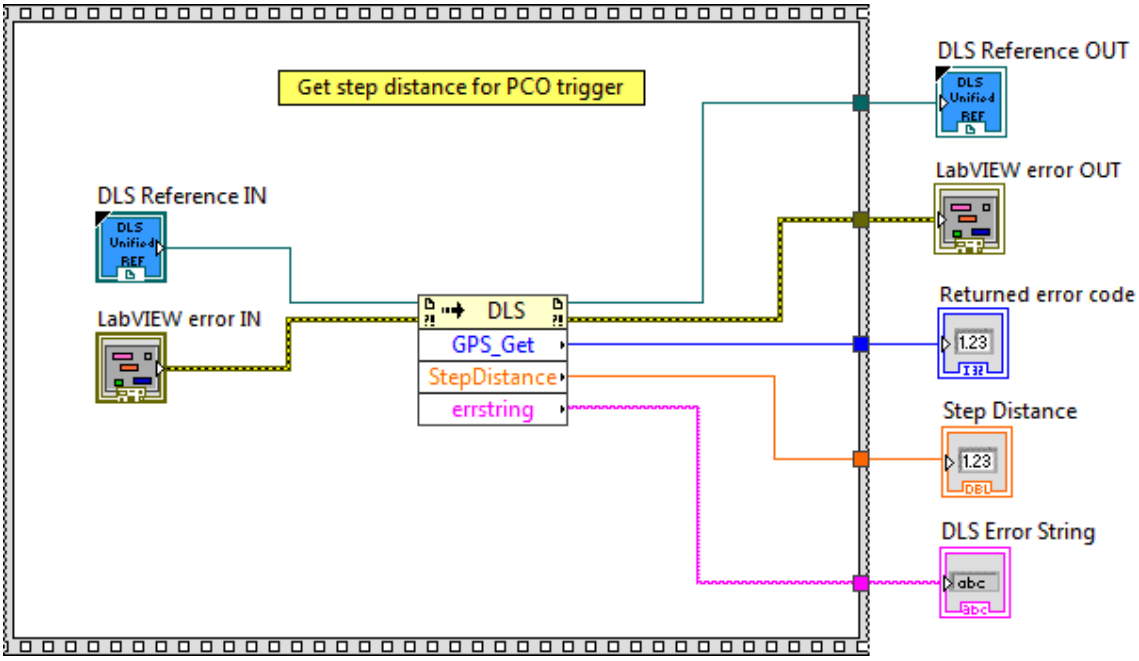
This function is used to get the step distance for PCO trigger.

Connector Pane

LWDLS_GPS_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Step Distance is the step distance.

DLS Error String returns error string from VI.

2.75 GPS_Set

Name

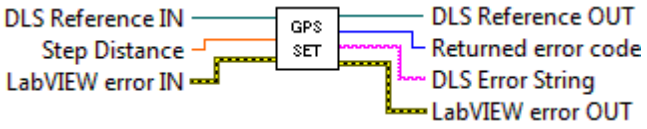
GPS_Set – Sets the step distance for PCO trigger.

Description

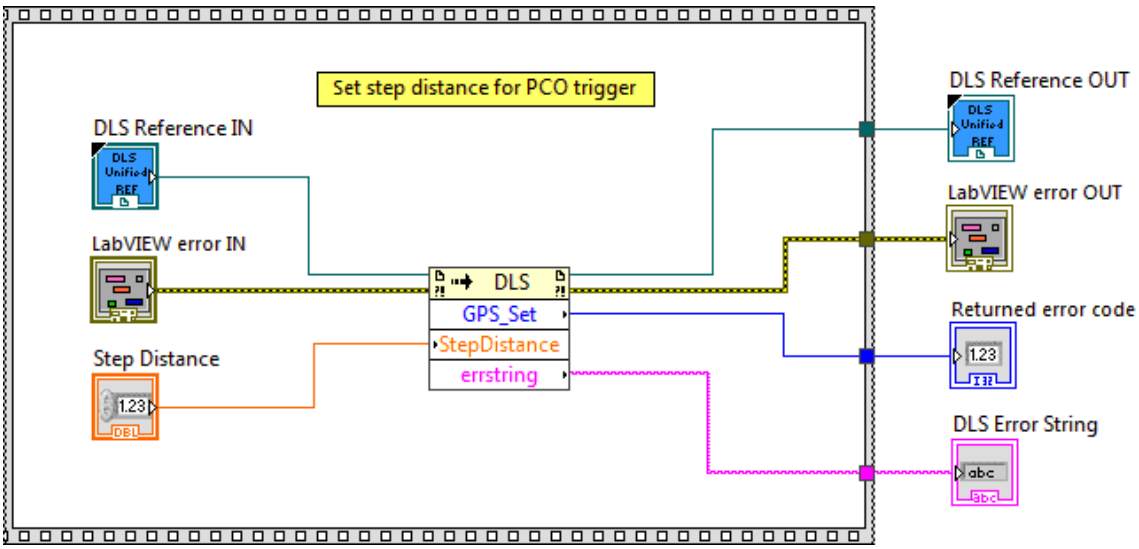
This function is used to set the step distance for PCO trigger.

Connector Pane

LWDLS_GPS_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Step Distance is the step distance.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.76 HO_Get

Name

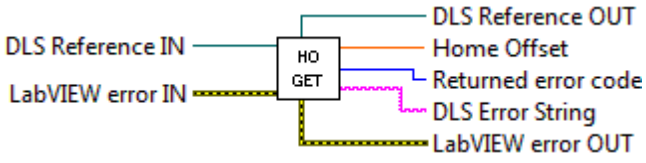
HO_Get – Gets the HOME search offset.

Description

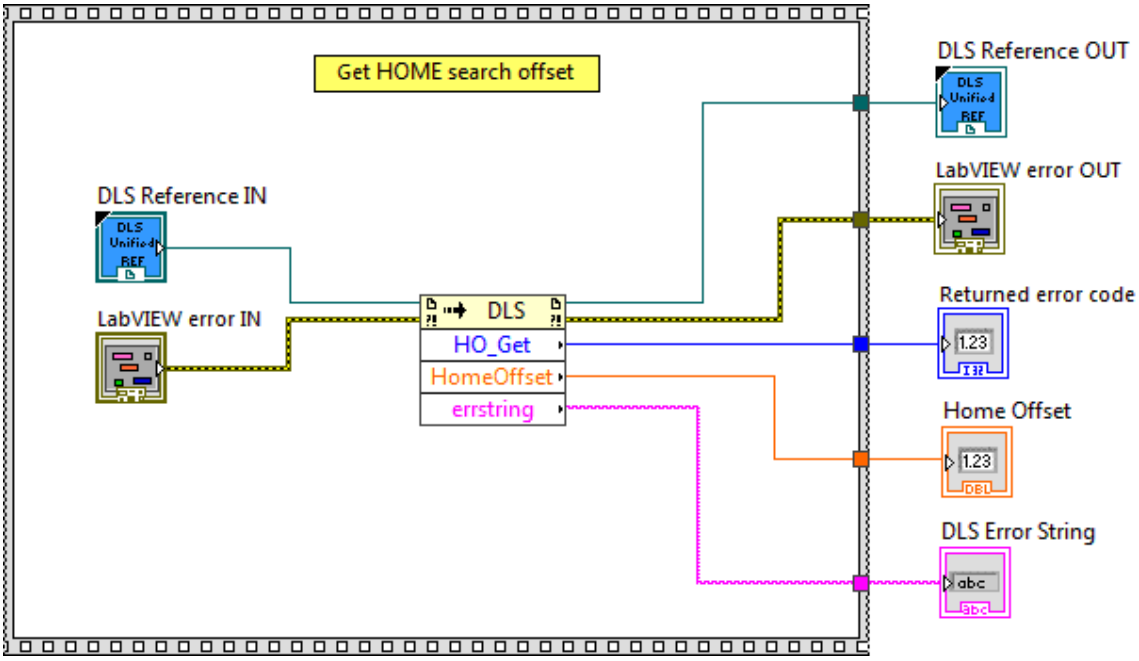
This function is used to get the HOME search offset.

Connector Pane

LWDLS_HO_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Home Offset Home offset.

DLS Error String returns error string from VI.

2.77 HO_Set

Name

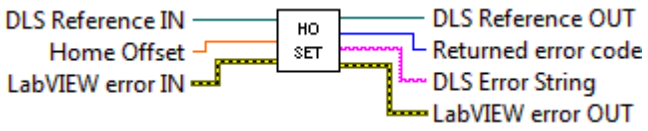
HO_Set – Sets the HOME search offset.

Description

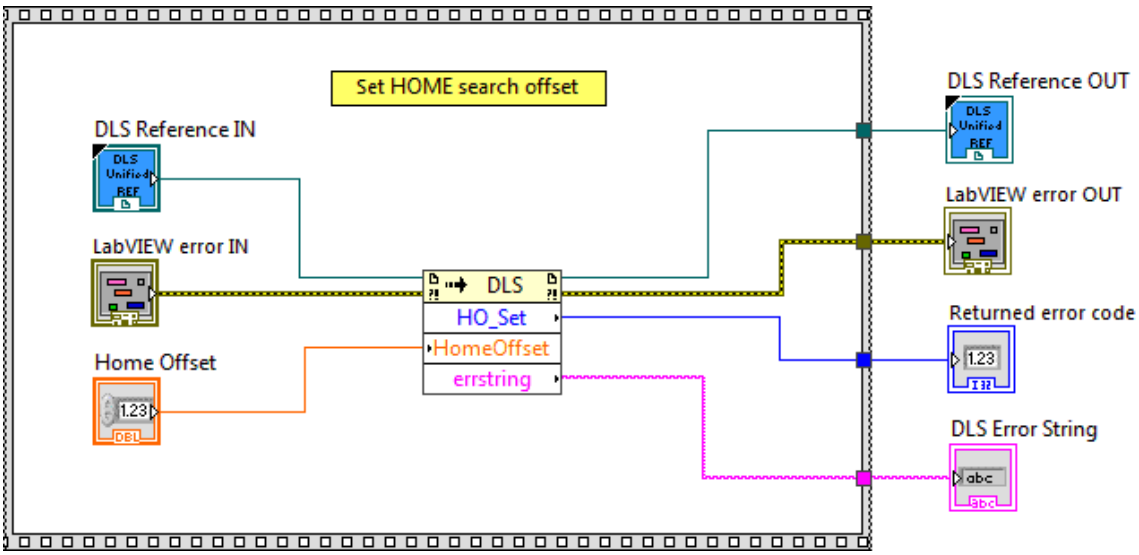
This function is used to set the HOME search offset.

Connector Pane

LWDLS_HO_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Home Offset Home offset.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.78 HT_Get

Name

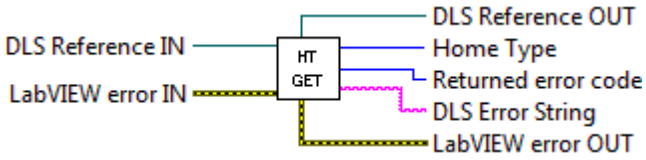
HT_Get – Gets the HOME search type.

Description

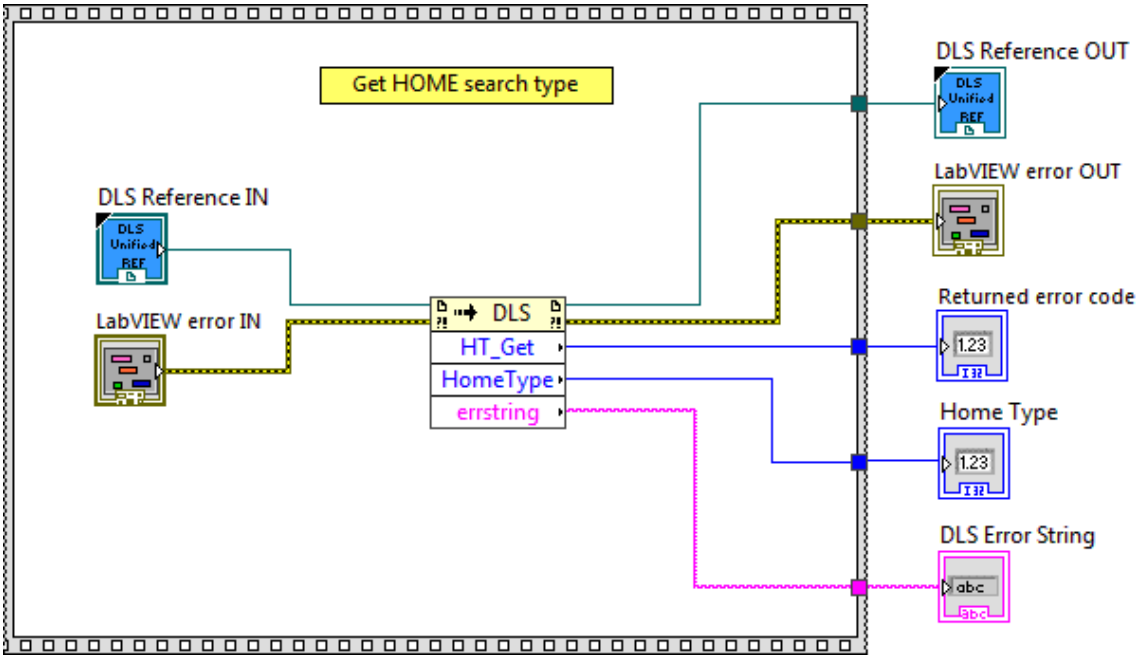
This function is used to get the HOME search type.

Connector Pane

LWDLS_HT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Home Type Home type.

DLS Error String returns error string from VI.

2.79 HT_Set

Name

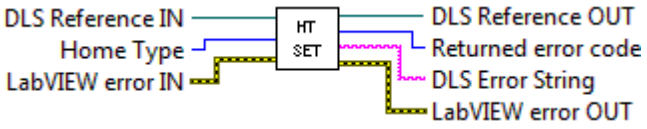
HT_Set – Sets the HOME search type.

Description

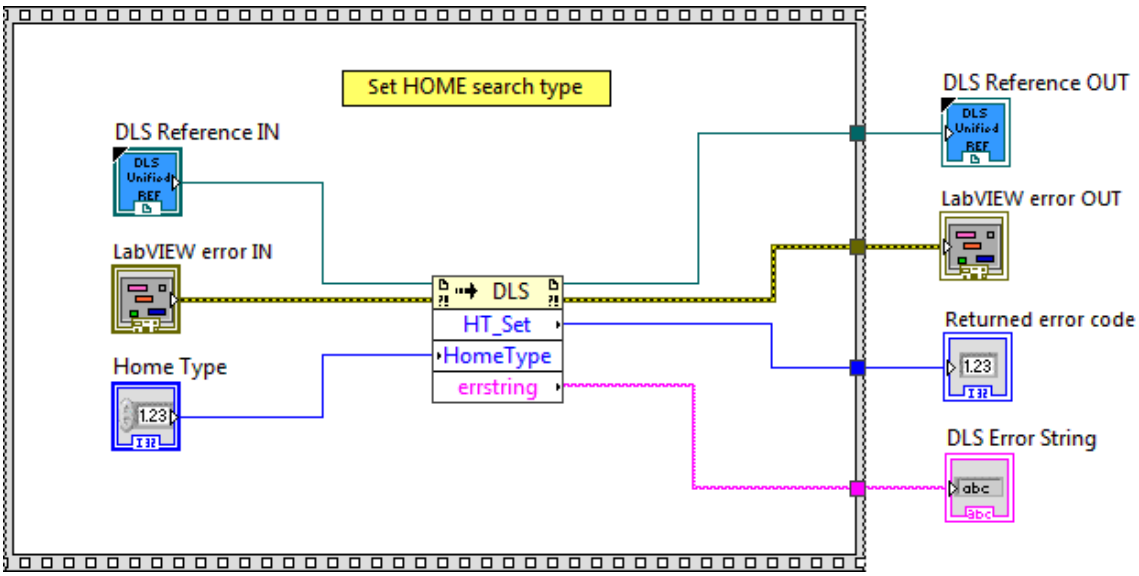
This function is used to set the HOME search type.

Connector Pane

LWDLS_HT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Home Type Home type.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.80 ID_Get

Name

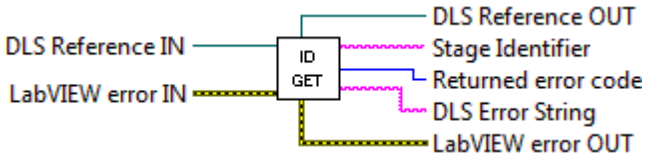
ID_Get – Gets stage identifier.

Description

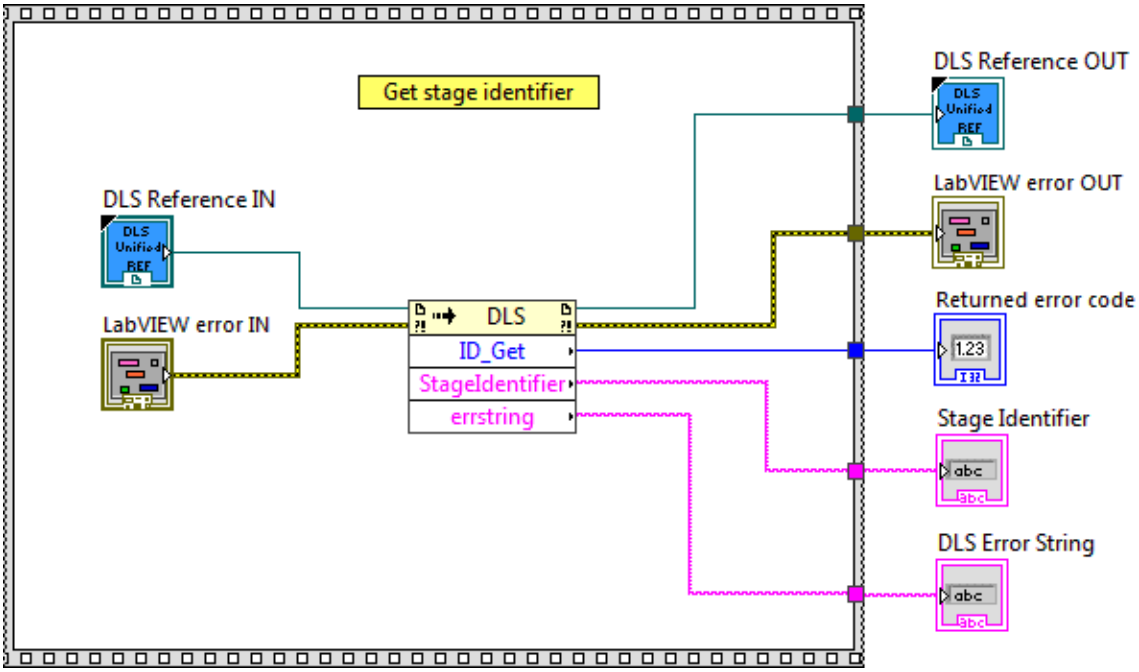
This function is used to get stage identifier.

Connector Pane

LWDLS_ID_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Stage Identifier Stage identifier.

DLS Error String returns error string from VI.

2.81 ID_Set

Name

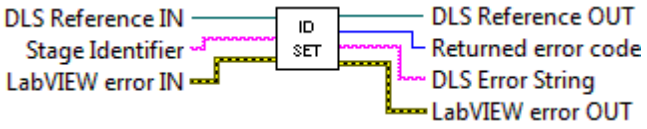
ID_Set – Sets stage identifier.

Description

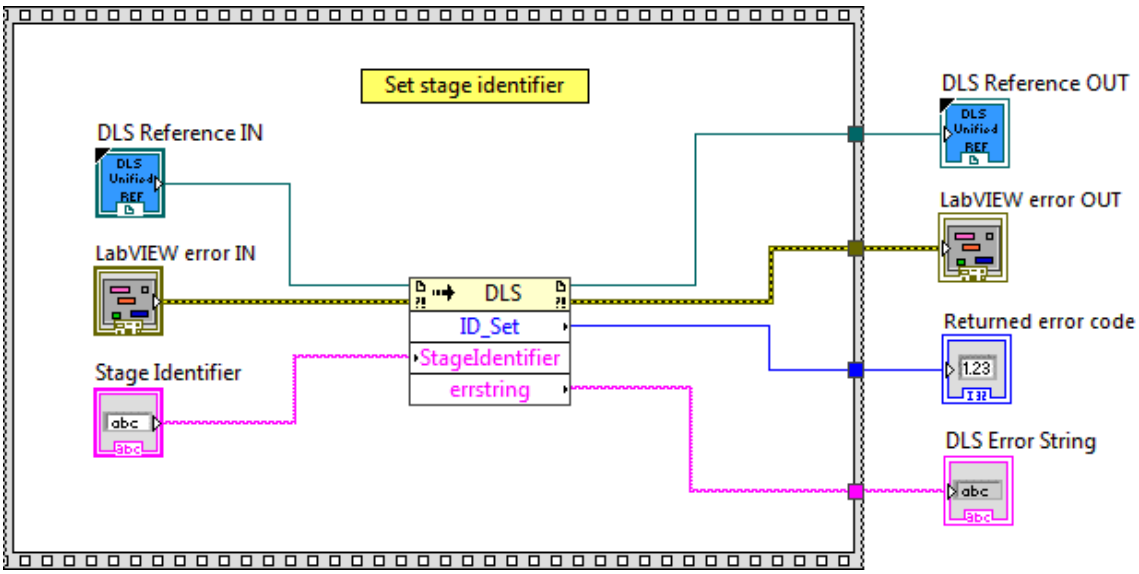
This function is used to set stage identifier.

Connector Pane

LWDLS_ID_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Stage Identifier Stage identifier.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.82 IE

Name

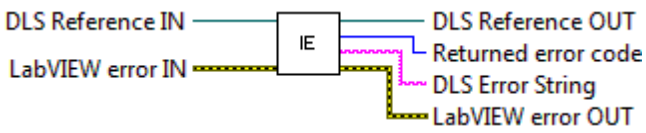
IE – Start the execution of the Initialization sequence as defined by the IT command.

Description

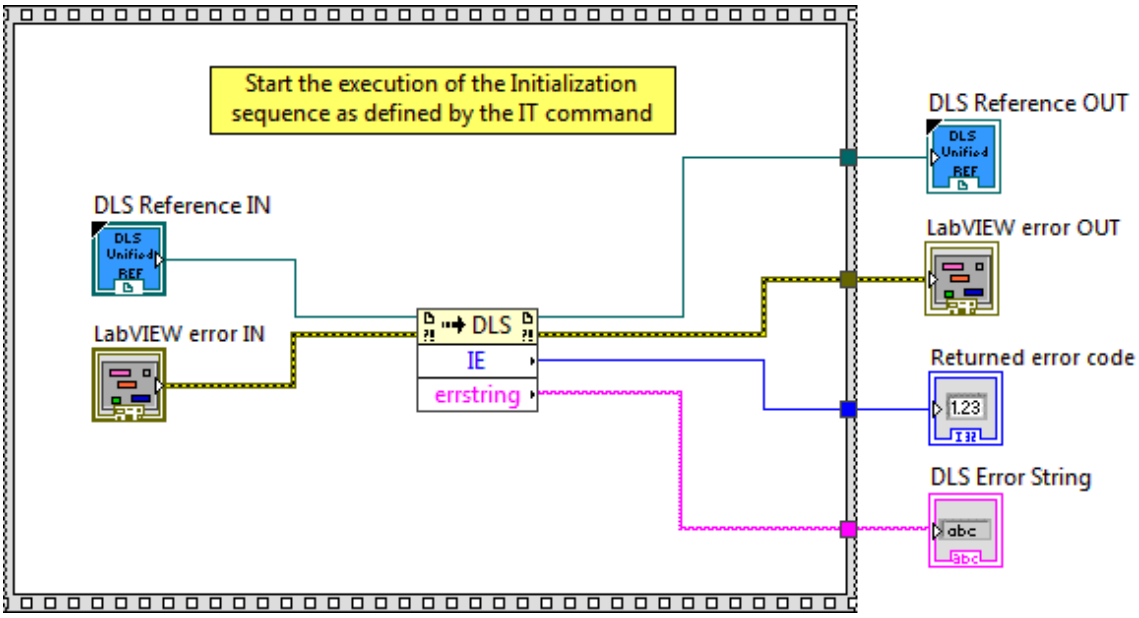
This function is used to start the execution of the Initialization sequence as defined by the IT command.

Connector Pane

LWDLS_IE.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.83 ITA_Get

Name

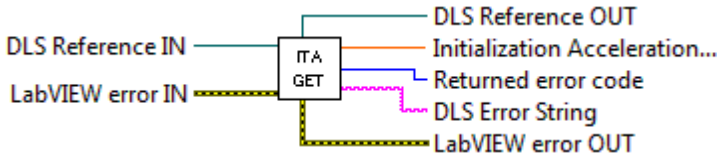
ITA_Get – Gets initialization acceleration level.

Description

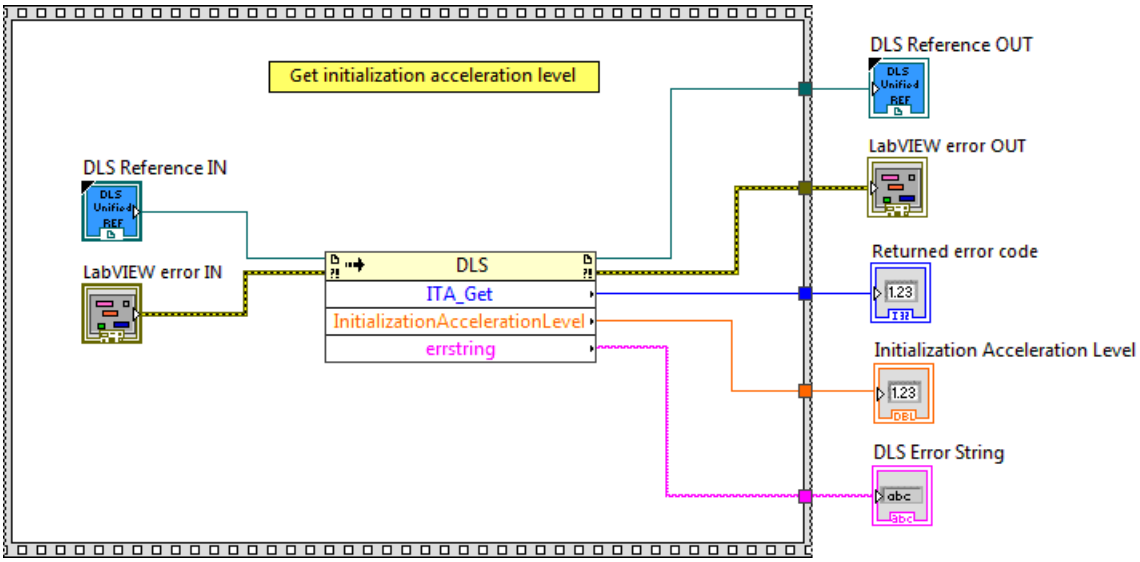
This function is used to get initialization acceleration level.

Connector Pane

LWDLS_ITA_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Initialization Acceleration Level Initialization Acceleration Level.

DLS Error String returns error string from VI.

2.84 ITA_Set

Name

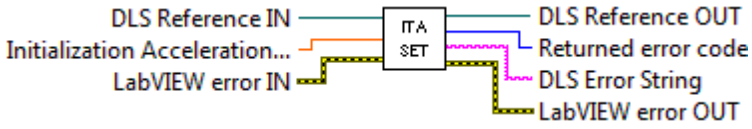
ITA_Set – Sets initialization acceleration level.

Description

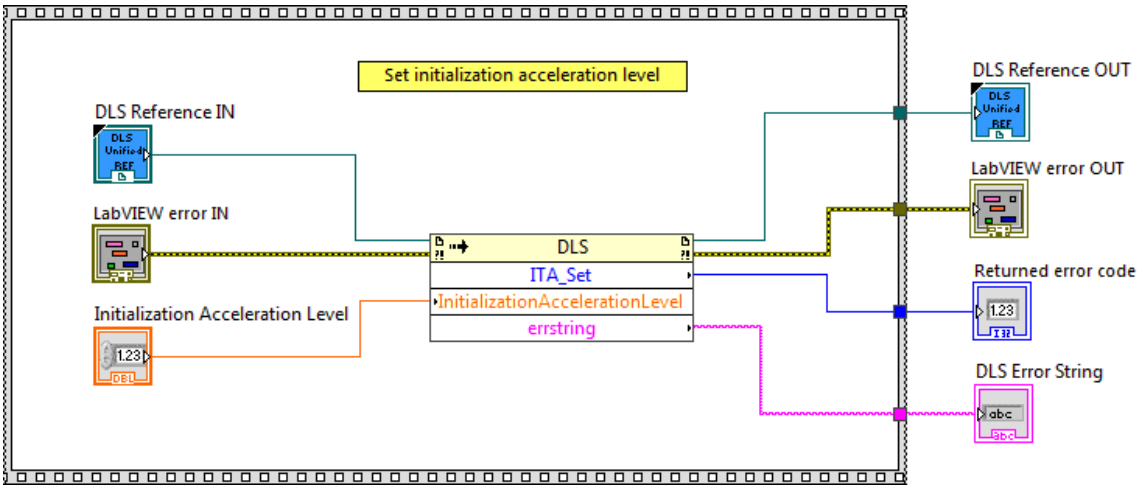
This function is used to set initialization acceleration level.

Connector Pane

LWDLS_ITA_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Initialization Acceleration Level Initialization Acceleration Level.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.85 ITD_Get

Name

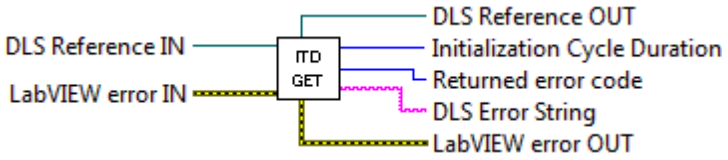
ITD_Get – Gets initialization cycle duration.

Description

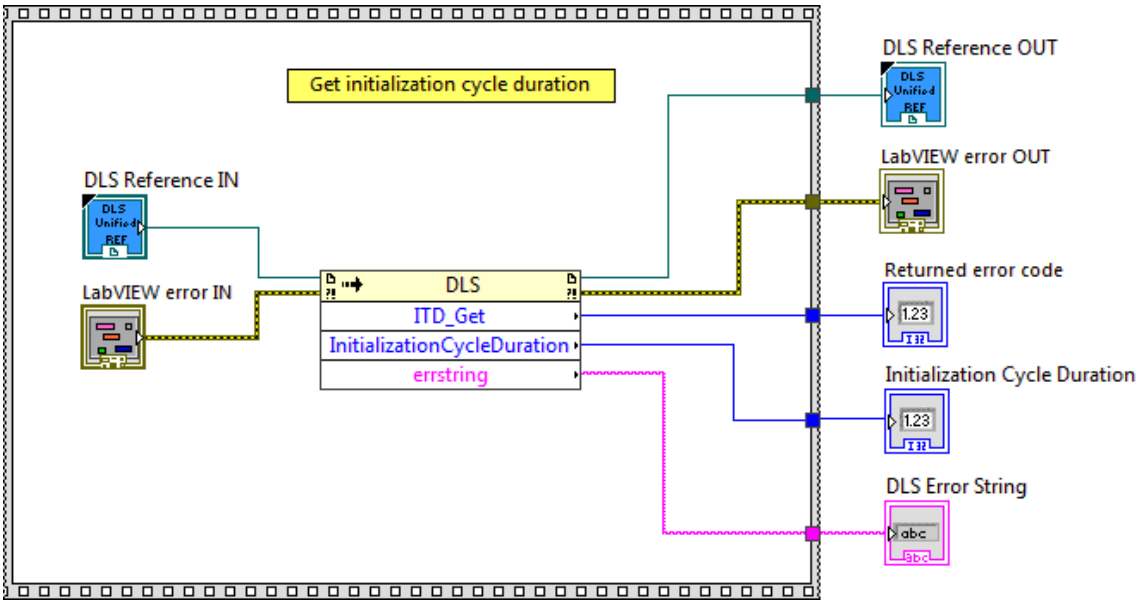
This function is used to get initialization cycle duration.

Connector Pane

LWDLS_ITD_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Initialization Cycle Duration Initialization Cycle Duration.

DLS Error String returns error string from VI.

2.86 ITD_Set

Name

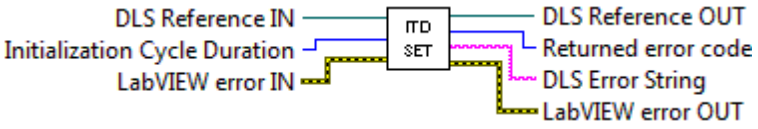
ITD_Set – Sets initialization cycle duration.

Description

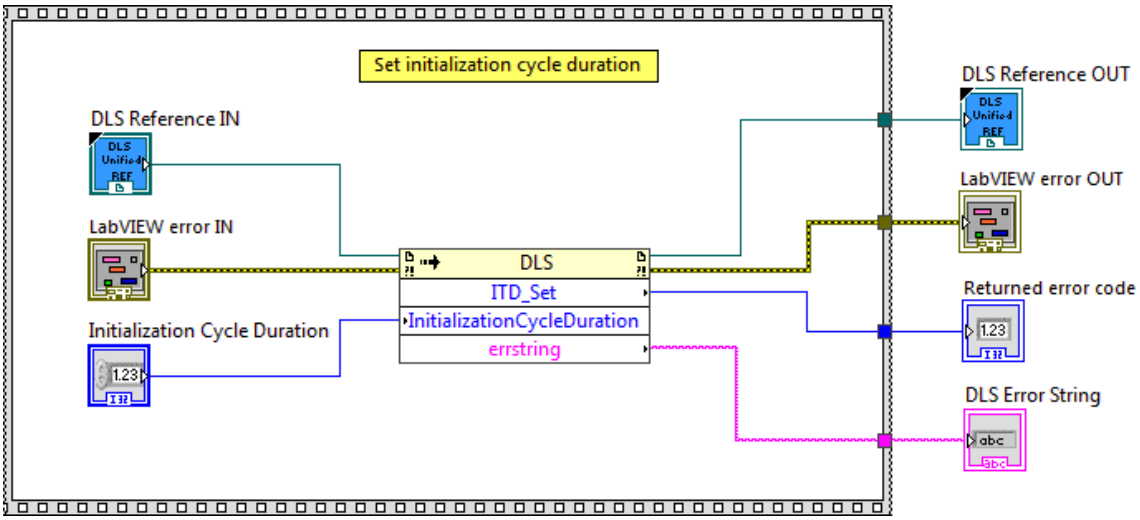
This function is used to set initialization cycle duration.

Connector Pane

LWDLS_ITD_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Initialization Cycle Duration Initialization Cycle Duration.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.87 JA_Get

Name

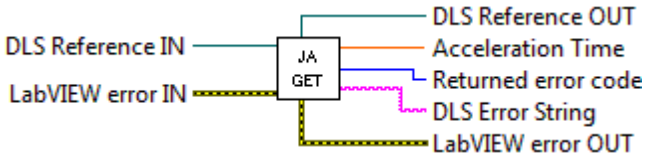
JA_Get – Gets acceleration in jogging mode with a remote keypad.

Description

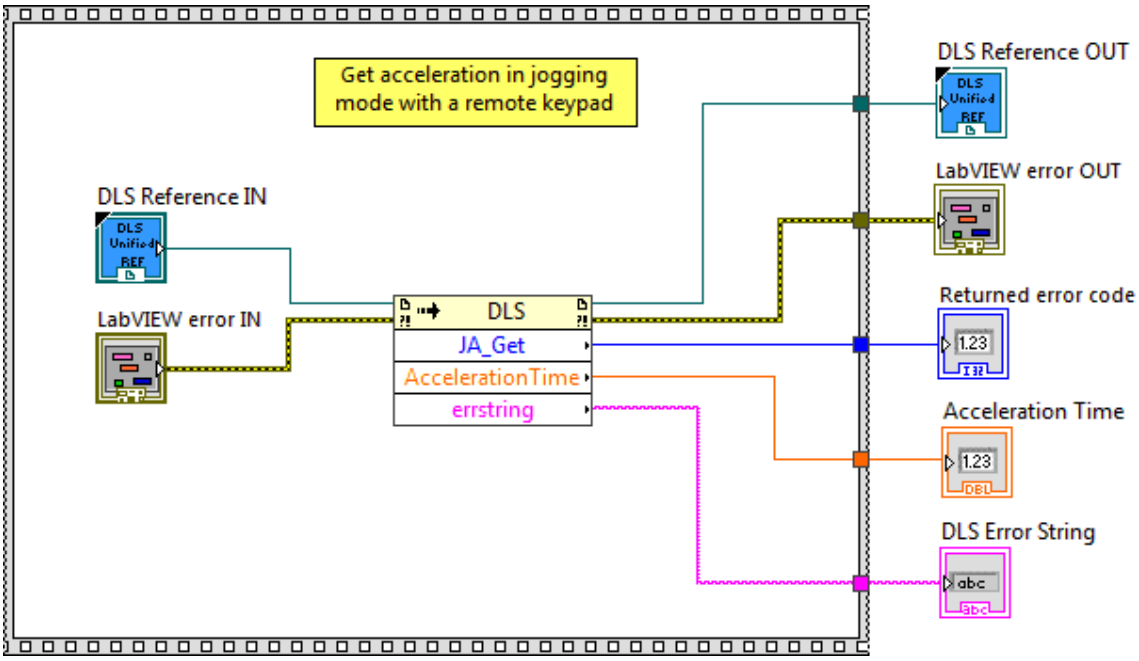
This function is used to get acceleration in jogging mode with a remote keypad.

Connector Pane

LWDLS_JA_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Acceleration Time Acceleration time.

DLS Error String returns error string from VI.

2.88 JA_Set

Name

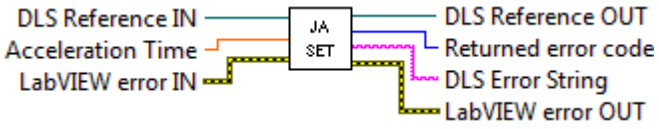
JA_Set – Gets acceleration in jogging mode with a remote keypad.

Description

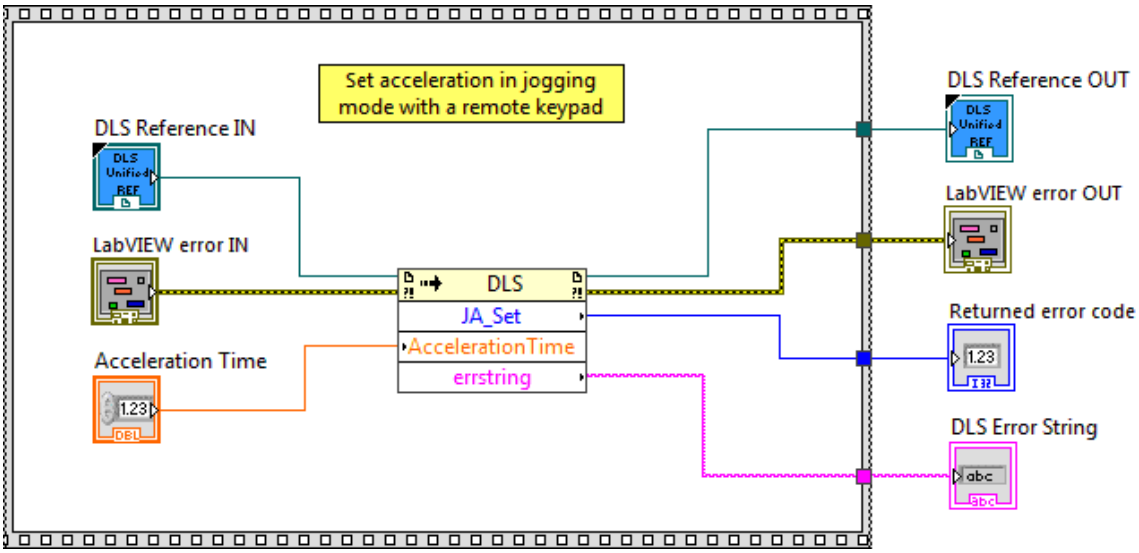
This function is used to set acceleration in jogging mode with a remote keypad.

Connector Pane

LWDLS_JA_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Acceleration Time Acceleration time.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.89 JD

Name

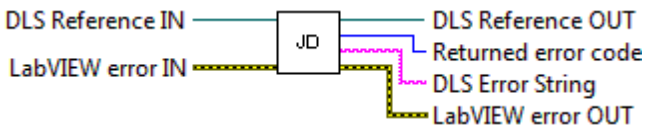
JD – Leave JOGGING state.

Description

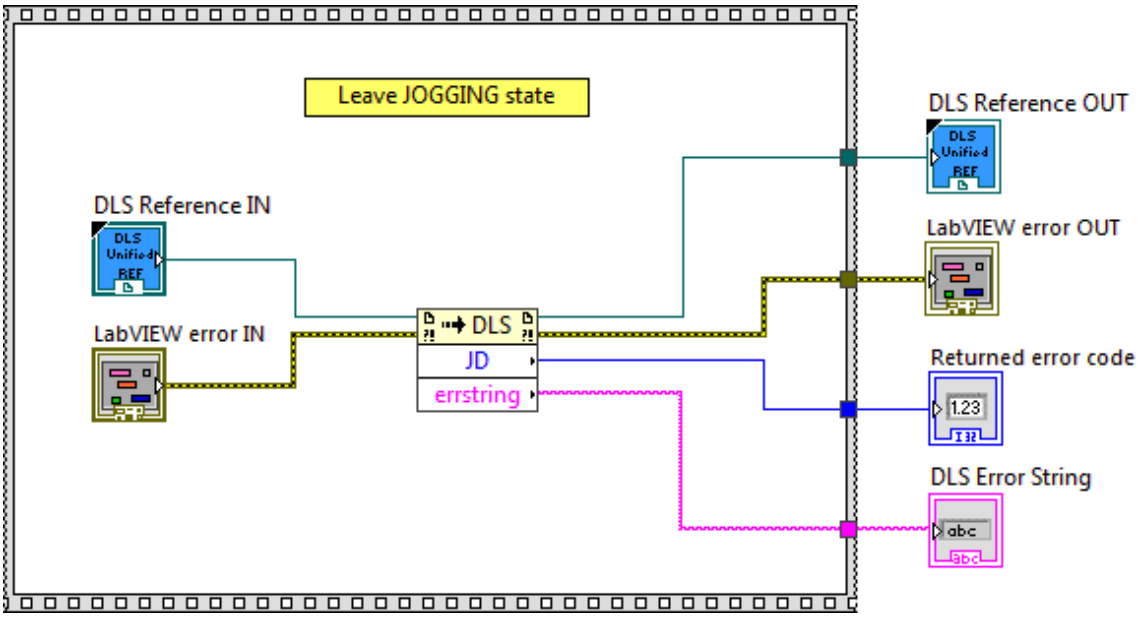
This function is used to leave JOGGING state.

Connector Pane

LWDLS_JD.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.90 JM_Get

Name

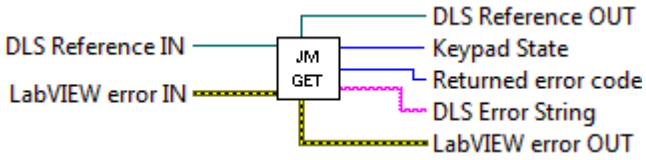
JM_Get – Enables/Disables Keypad.

Description

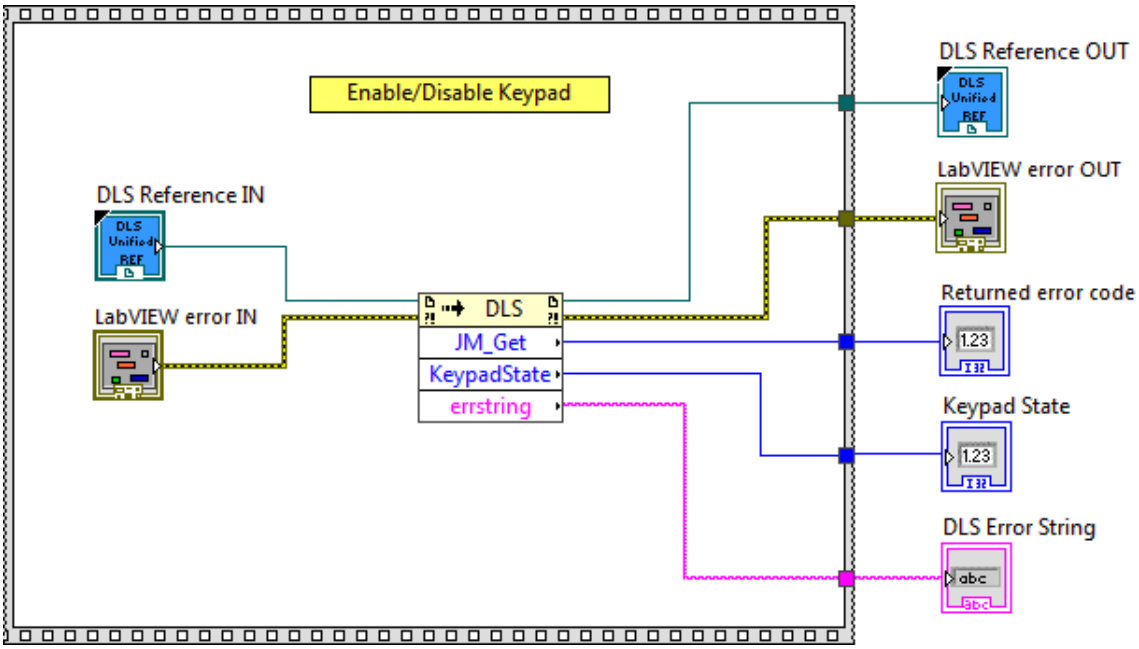
This function is used to Enable/Disable Keypad.

Connector Pane

LWDLS_JM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Keypad State Keypad state.

DLS Error String returns error string from VI.

2.91 JM_Set

Name

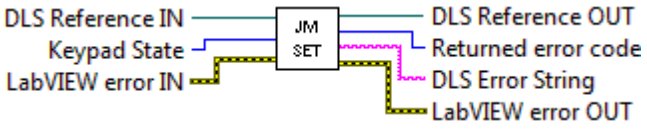
JM_Set – Enables/Disables Keypad.

Description

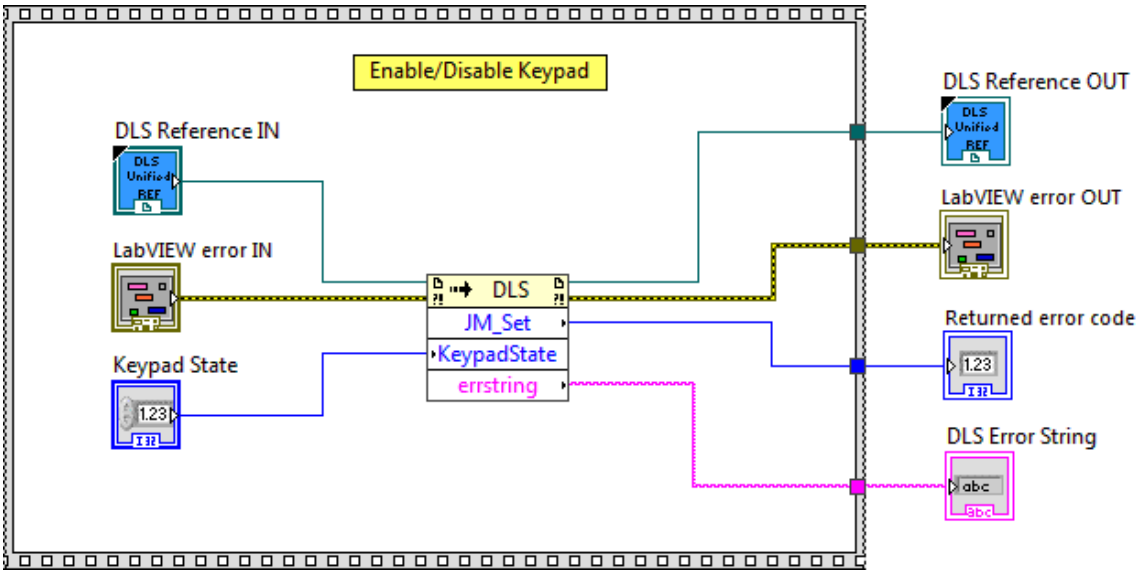
This function is used to Enable/Disable Keypad.

Connector Pane

LWDLS_JM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Keypad State Keypad state.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.92 JR_Get

Name

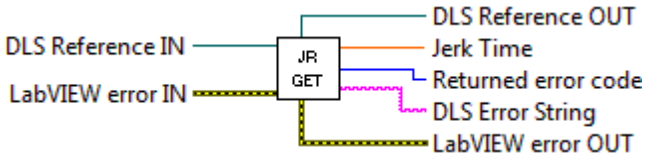
JR_Get – Gets jerk time.

Description

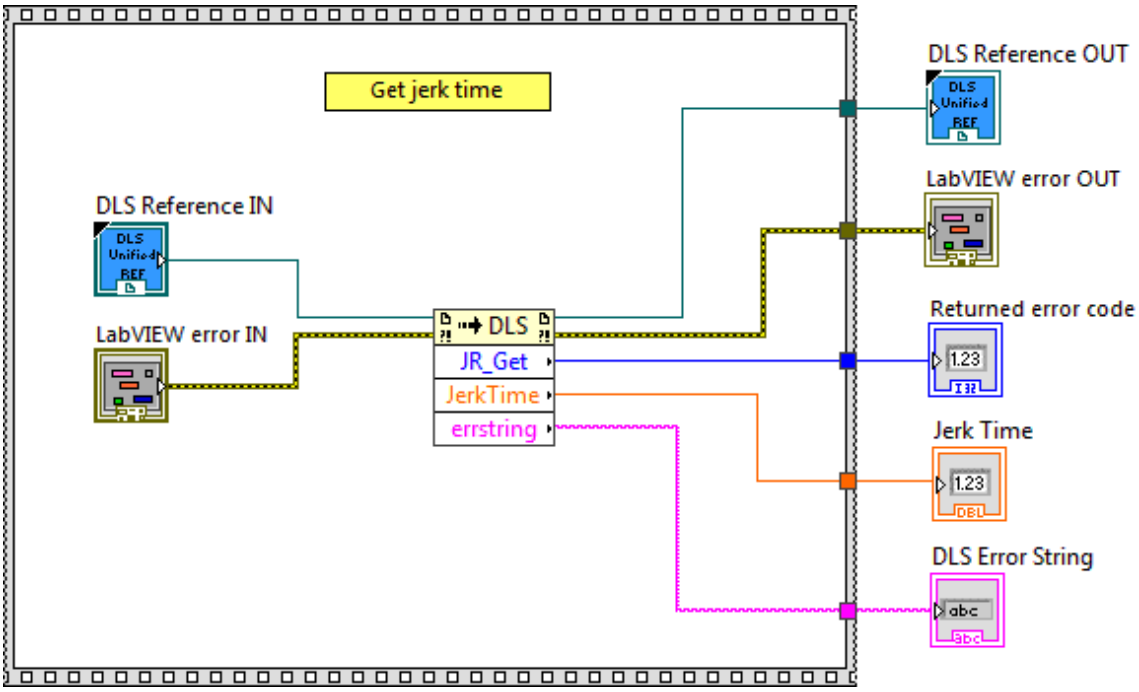
This function is used to get jerk time.

Connector Pane

LWDLS_JR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Jerk Time Jerk time.

DLS Error String returns error string from VI.

2.93 JR_Set

Name

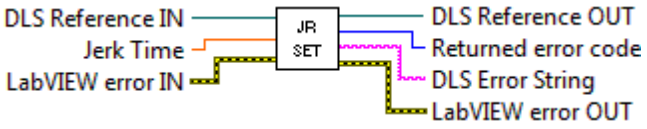
JR_Set – Sets jerk time.

Description

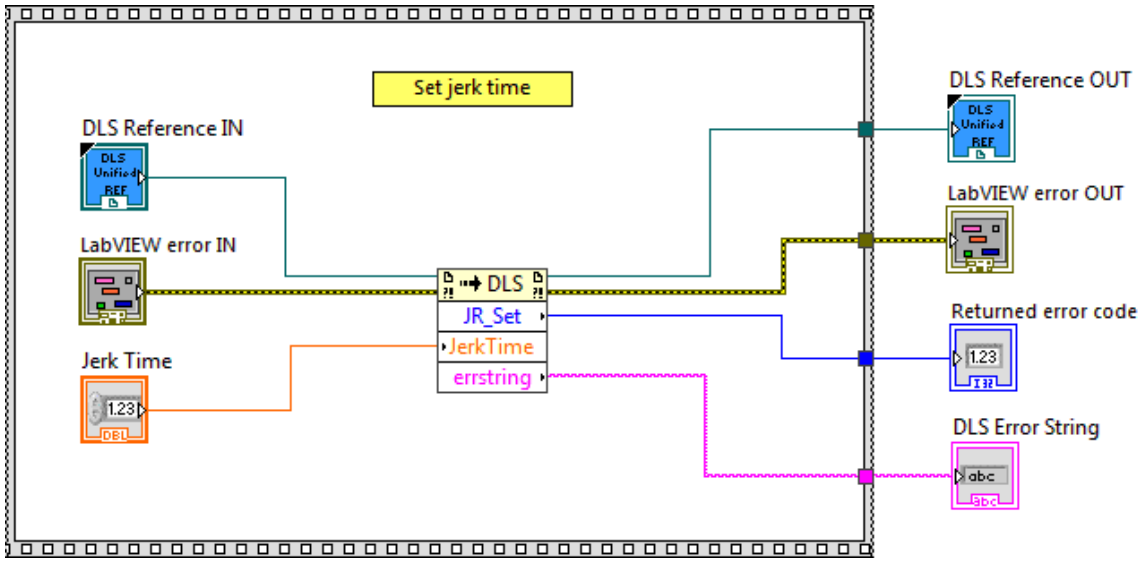
This function is used to set jerk time.

Connector Pane

LWDLS_JR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Jerk Time Jerk time.

DLS Reference OUT returns DLS Reference.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.94 JV_Get

Name

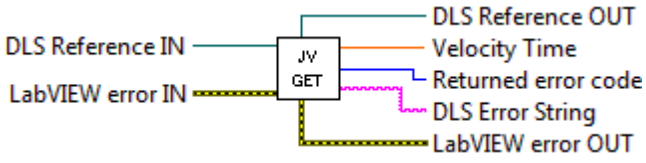
JV_Get – Gets velocity in jogging mode with a remote keypad.

Description

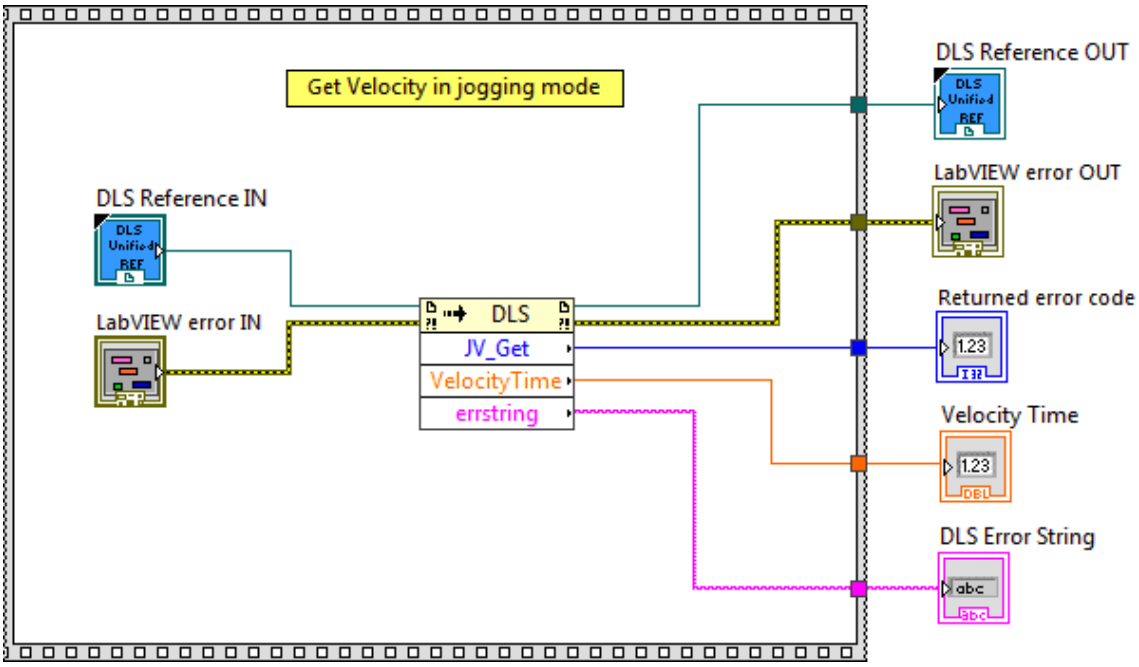
This function is used to get velocity in jogging mode with a remote keypad.

Connector Pane

LWDLS_JV_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Velocity Time Velocity time.

DLS Error String returns error string from VI.

2.95 JV_Set

Name

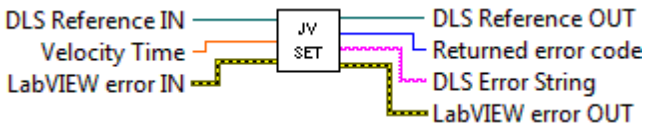
JV_Set – Sets velocity in jogging mode with a remote keypad.

Description

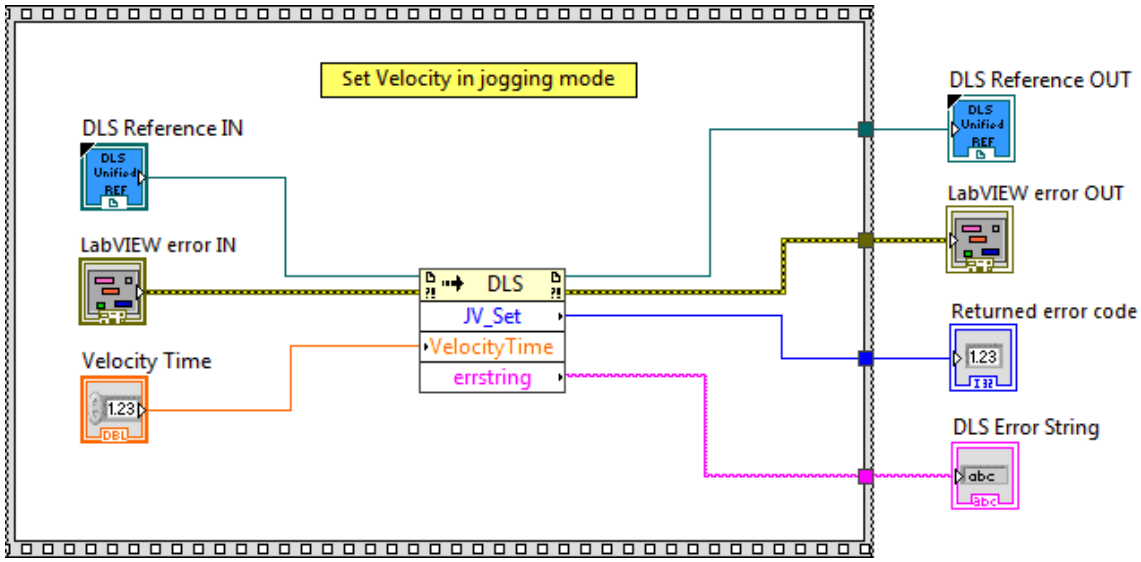
This function is used to set velocity in jogging mode with a remote keypad.

Connector Pane

LWDLS_JV_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Velocity Time Velocity time.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.96 KD_Get

Name

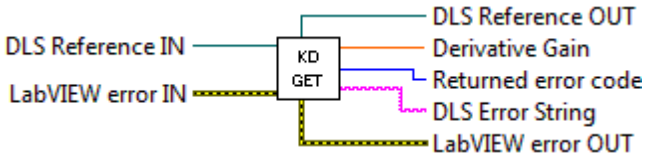
KD_Get – Gets derivative gain.

Description

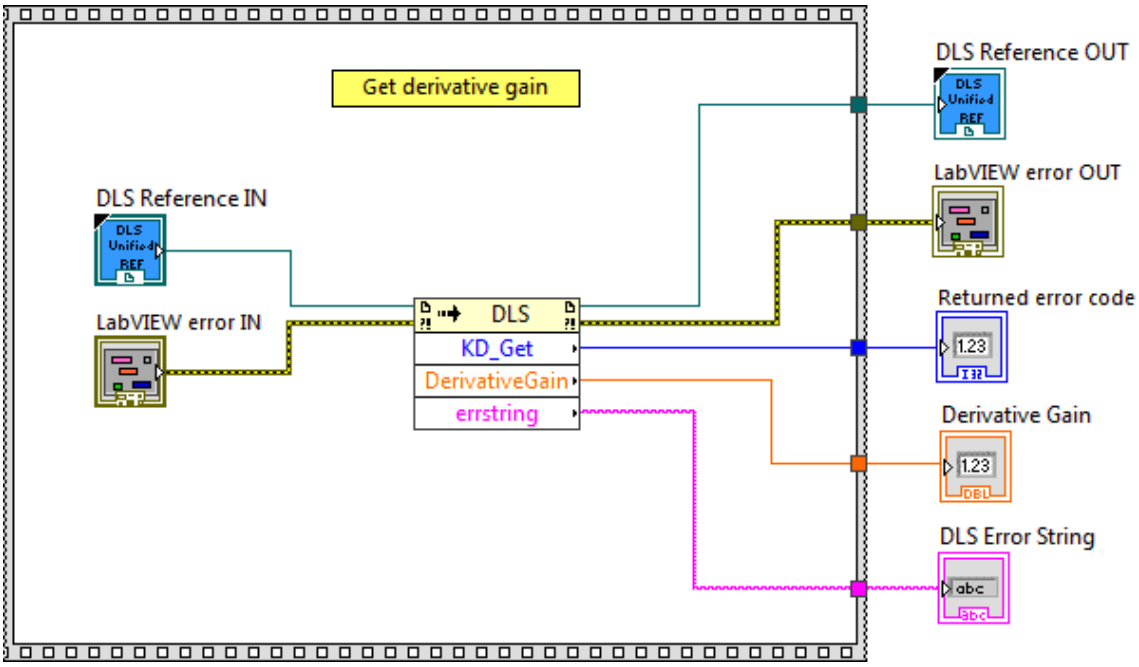
This function is used to get derivative gain.

Connector Pane

LWDLS_KD_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Derivative Gain is the derivative gain.

DLS Error String returns error string from VI.

2.97 KD_Set

Name

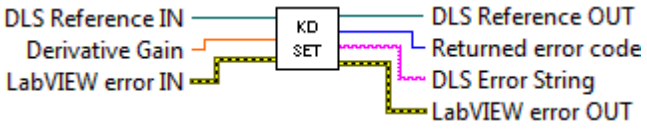
KD_Set – Sets derivative gain.

Description

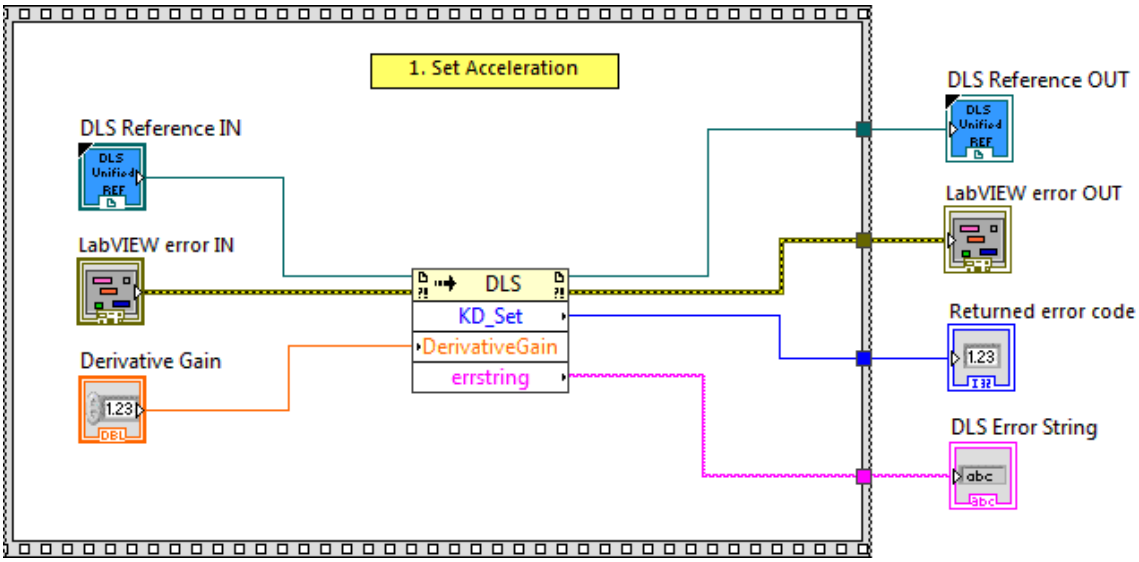
This function is used to set derivative gain.

Connector Pane

LWDLS_KD_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Derivative Gain is the derivative gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.98 KGD_Get

Name

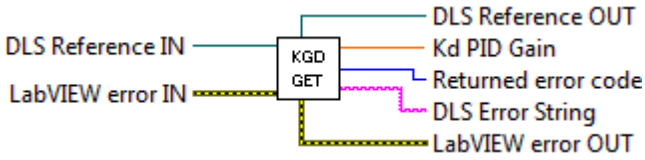
KGD_Get – Gets Kd PID gain.

Description

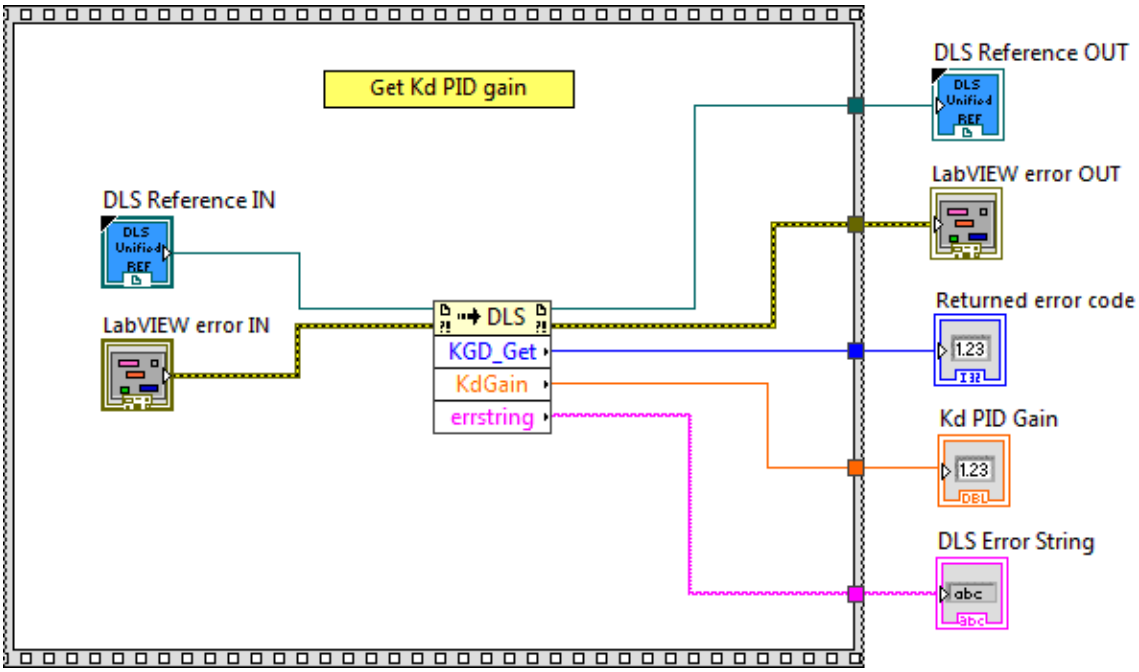
This function is used to get Kd PID gain.

Connector Pane

LWDLS_KGD_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Kd PID Gain Kd PID gain.

DLS Error String returns error string from VI.

2.99 KGD_Set

Name

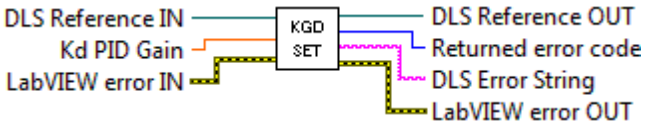
KGD_Set – Sets Kd PID gain.

Description

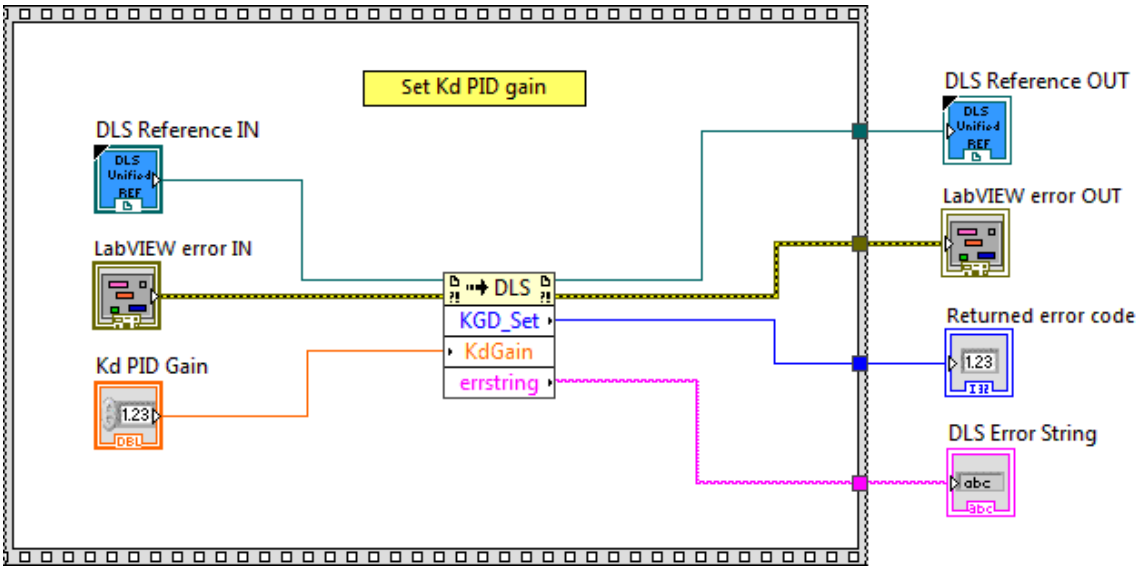
This function is used to set Kd PID gain.

Connector Pane

LWDLS_KGD_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Kd PID Gain Kd PID gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.100 KGF_Get

Name

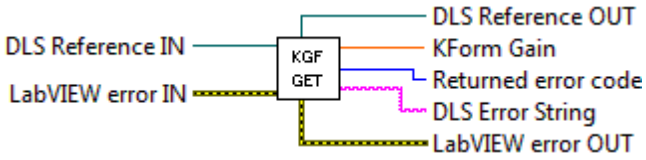
KGF_Get – Gets Kform gain.

Description

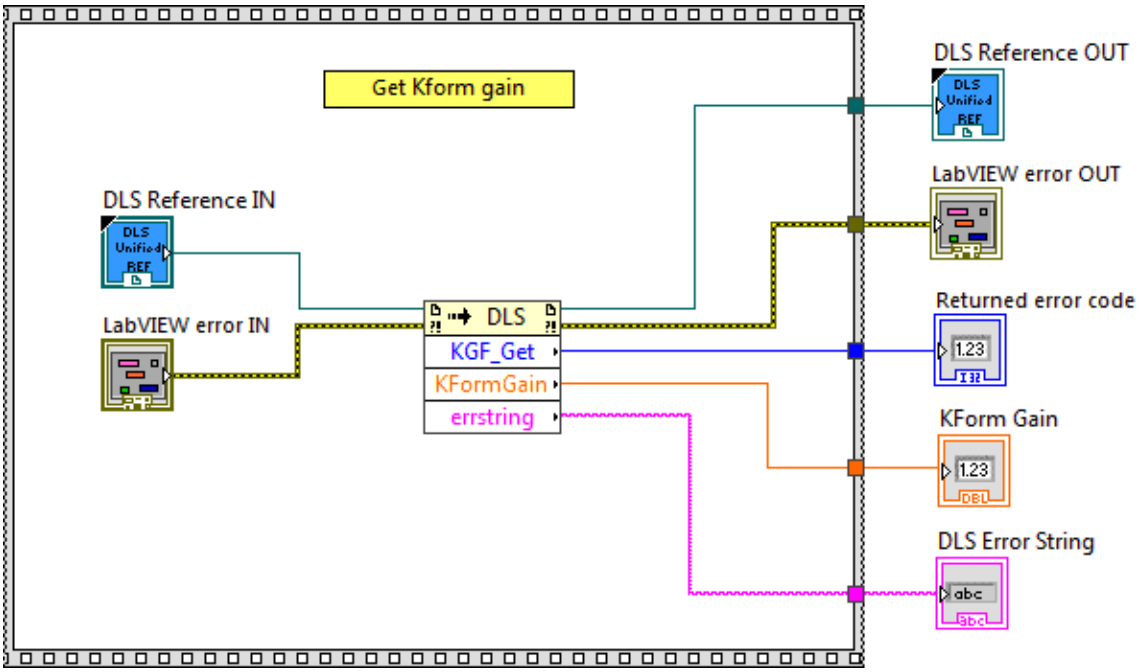
This function is used to get Kform gain.

Connector Pane

LWDLS_KGF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

KForm Gain Kform gain.

DLS Error String returns error string from VI.

2.101 KGF_Set

Name

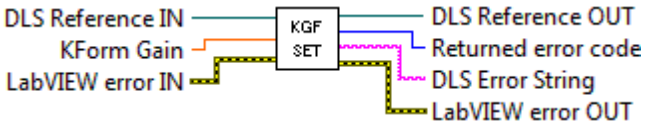
KGF_Set – Sets Kform gain.

Description

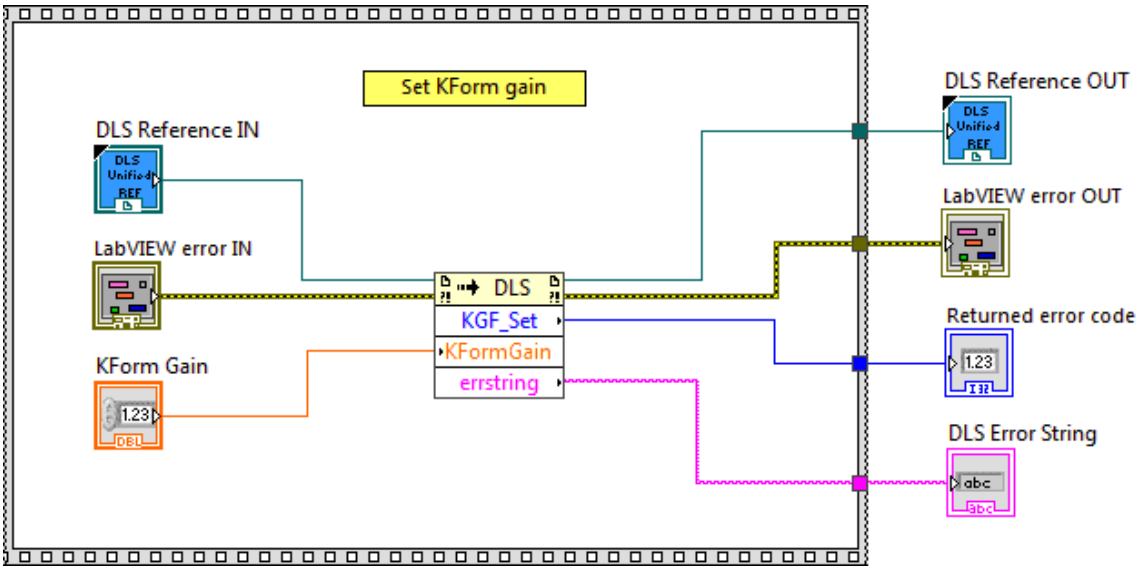
This function is used to set Kform gain.

Connector Pane

LWDLS_KGF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

KForm Gain Kform gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.102 KGI_Get

Name

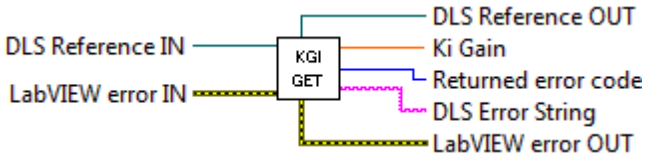
KGI_Get – Gets Ki gain.

Description

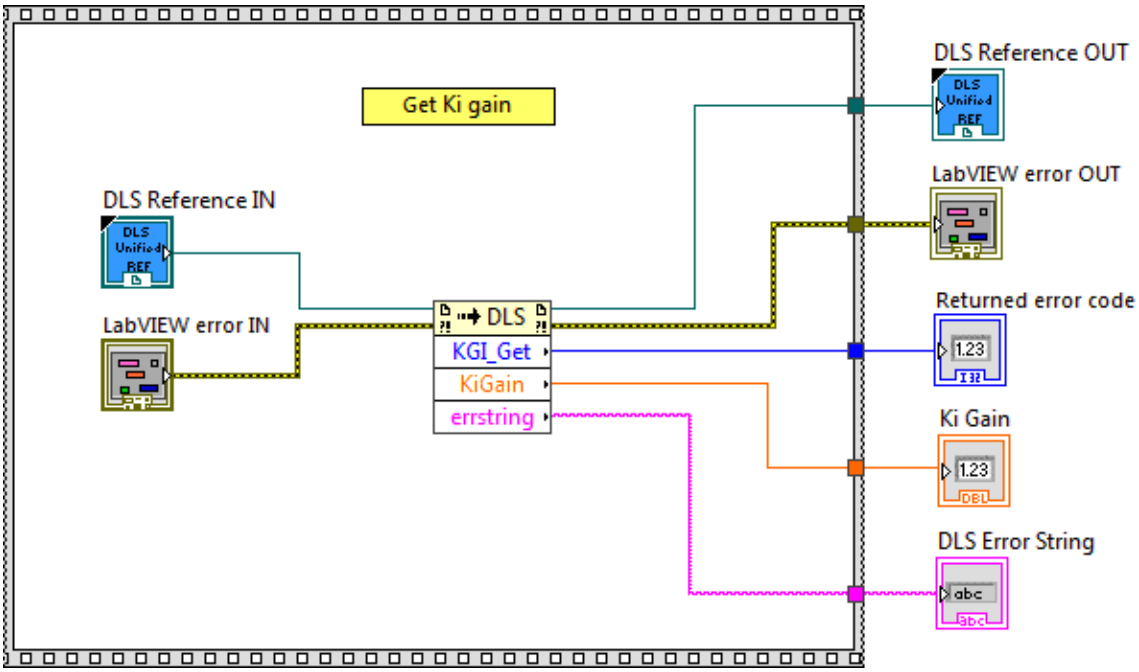
This function is used to get Ki gain.

Connector Pane

LWDLS_KGI_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Ki Gain Ki gain.

DLS Error String returns error string from VI.

2.103 KGI_Set

Name

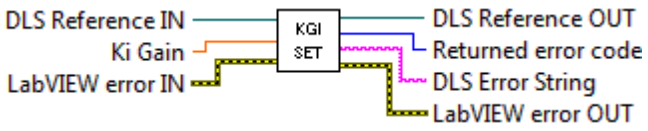
KGI_Set – Sets Ki gain.

Description

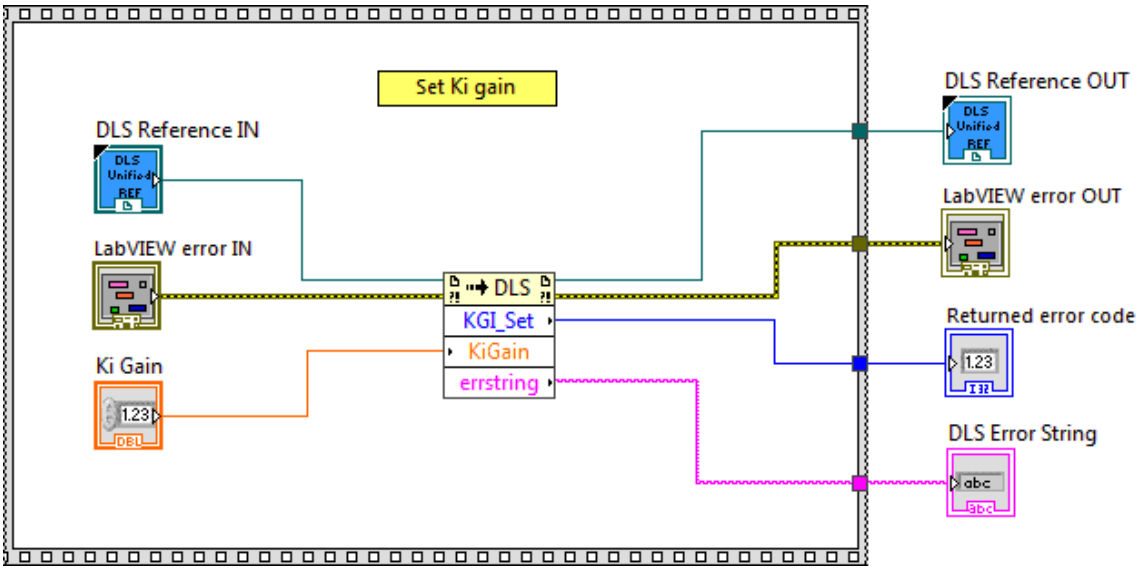
This function is used to set Ki gain.

Connector Pane

LWDLS_KGI_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Ki Gain Ki gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.104 KGP_Get

Name

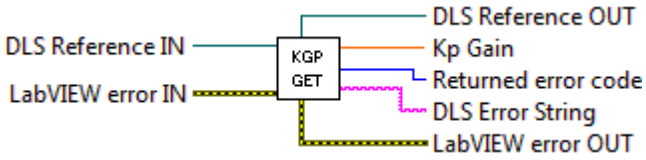
KGP_Get – Gets Kp gain.

Description

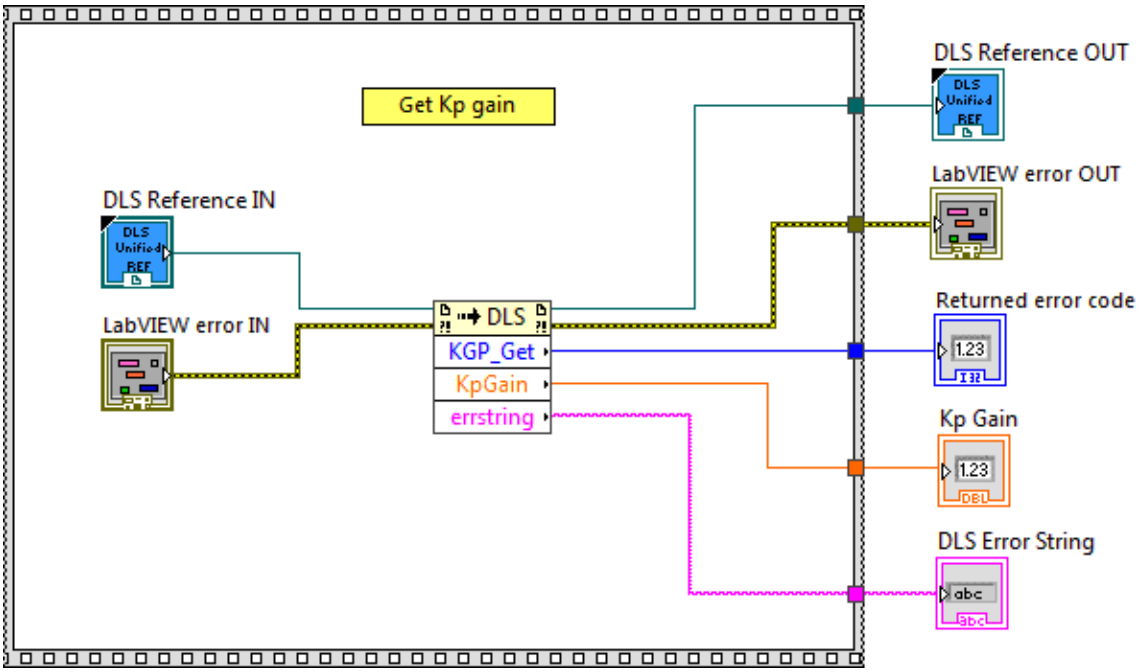
This function is used to get Kp gain.

Connector Pane

LWDLS_KGP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Kp Gain Kp gain.

DLS Error String returns error string from VI.

2.105 KGP_Set

Name

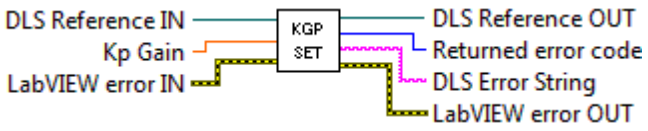
KGP_Set – Sets Kp gain.

Description

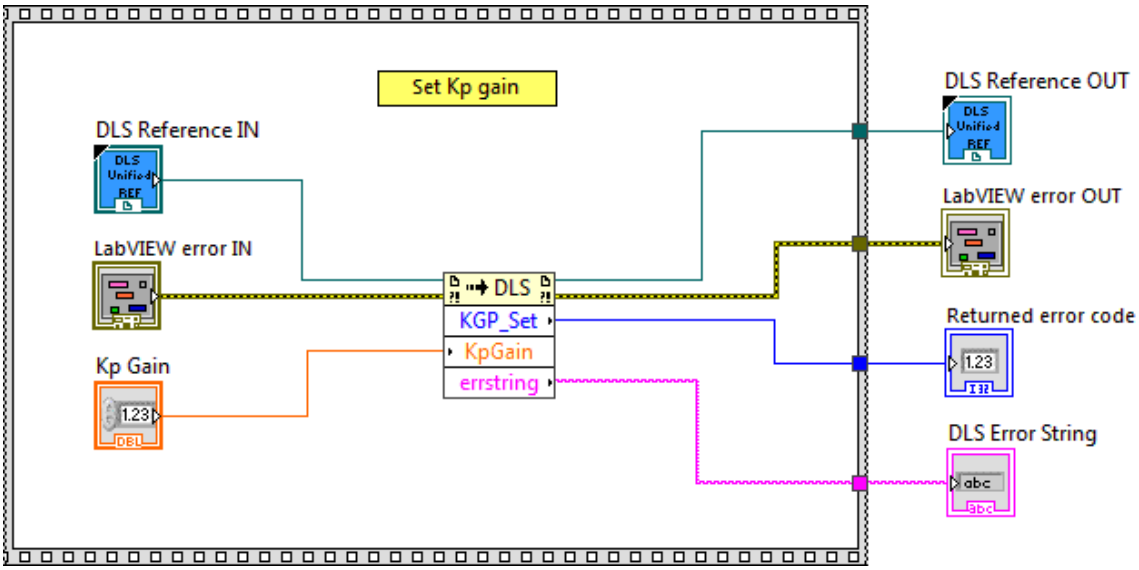
This function is used to set Kp gain.

Connector Pane

LWDLS_KGP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Kp Gain Kp gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.106 KI_Get

Name

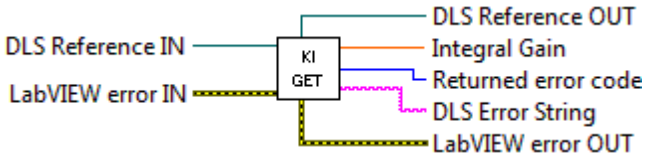
KI_Get – Gets integral gain.

Description

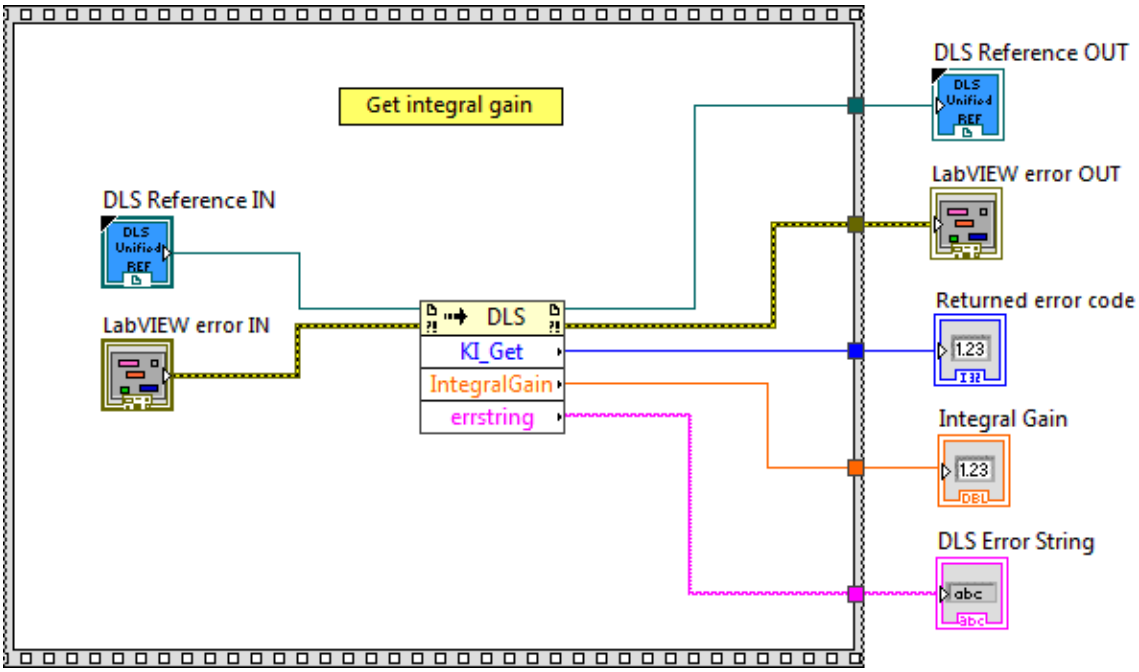
This function is used to get integral gain.

Connector Pane

LWDLS_KI_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Integral Gain Integral gain.

DLS Error String returns error string from VI.

2.107 KI_Set

Name

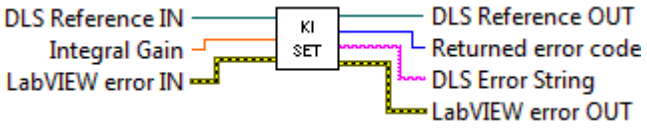
KI_Set – Sets integral gain.

Description

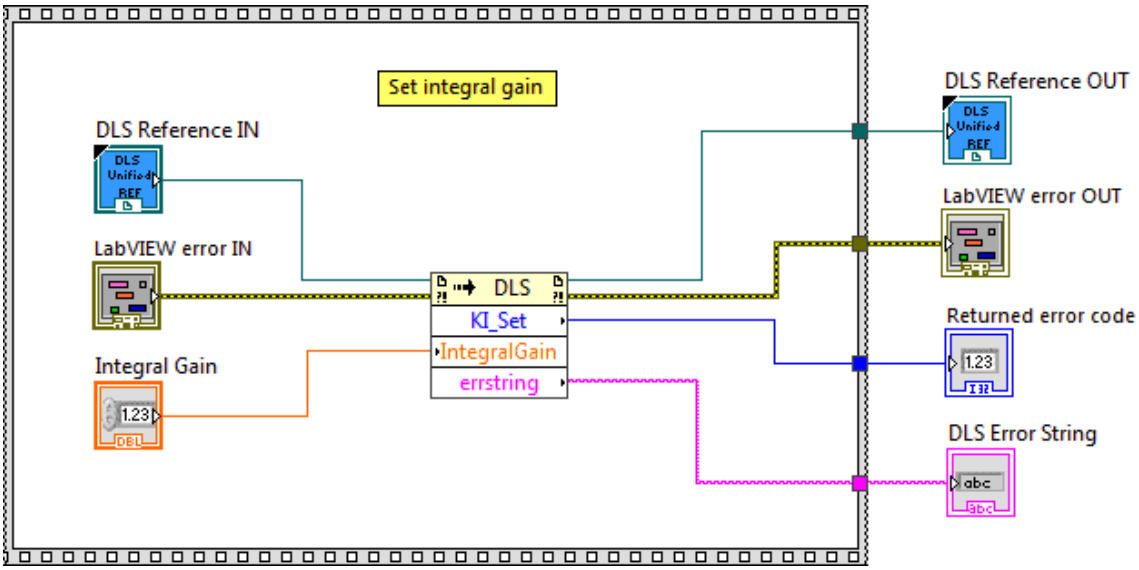
This function is used to set integral gain.

Connector Pane

LWDLS_KI_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Integral Gain Integral gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.108 KP_Get

Name

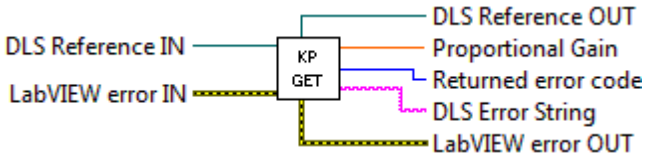
KP_Get – Gets proportional gain.

Description

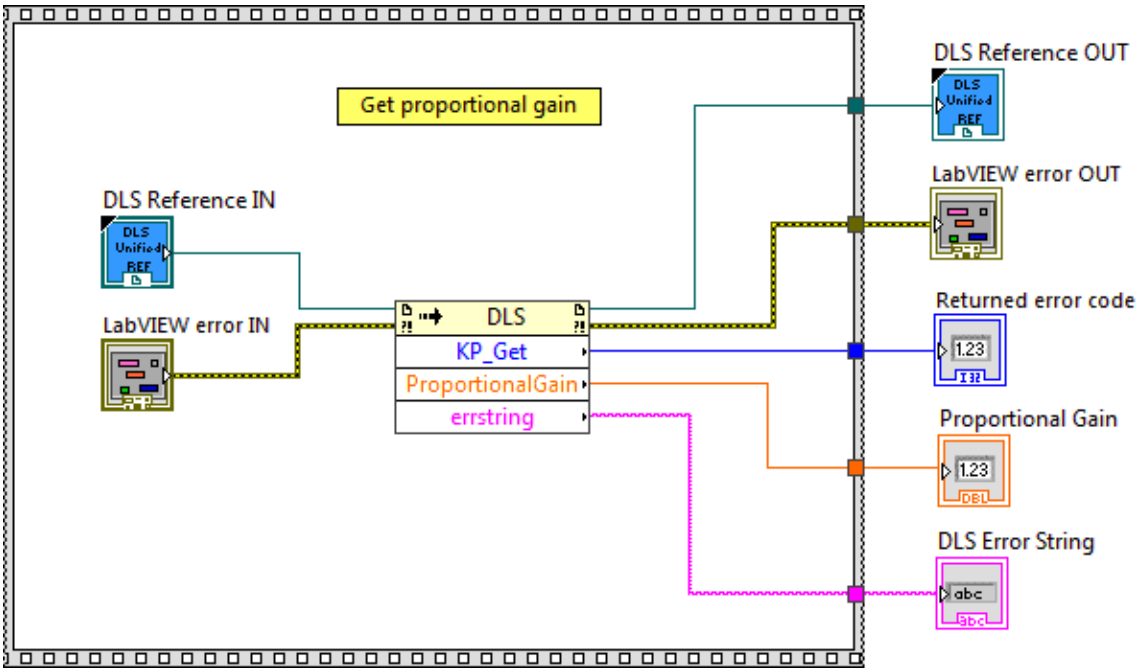
This function is used to get proportional gain.

Connector Pane

LWDLS_KP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Proportional Gain Proportional gain.

DLS Error String returns error string from VI.

2.109 KP_Set

Name

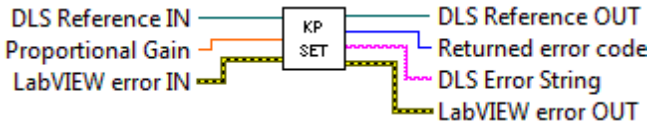
KP_Set – Sets proportional gain.

Description

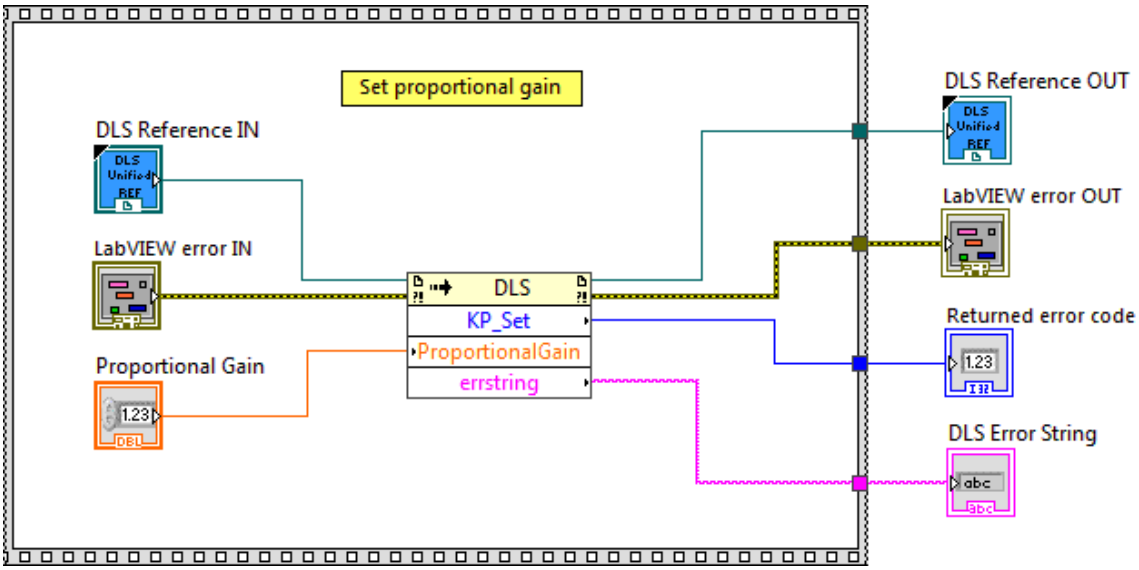
This function is used to set proportional gain.

Connector Pane

LWDLS_KP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Proportional Gain Proportional gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.110 KS_Get

Name

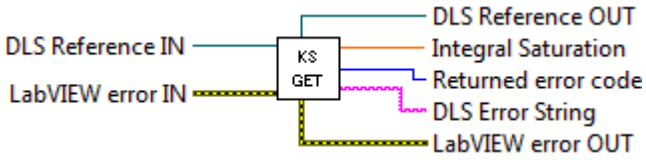
KS_Get – Gets the integral saturation level of the PID control loop.

Description

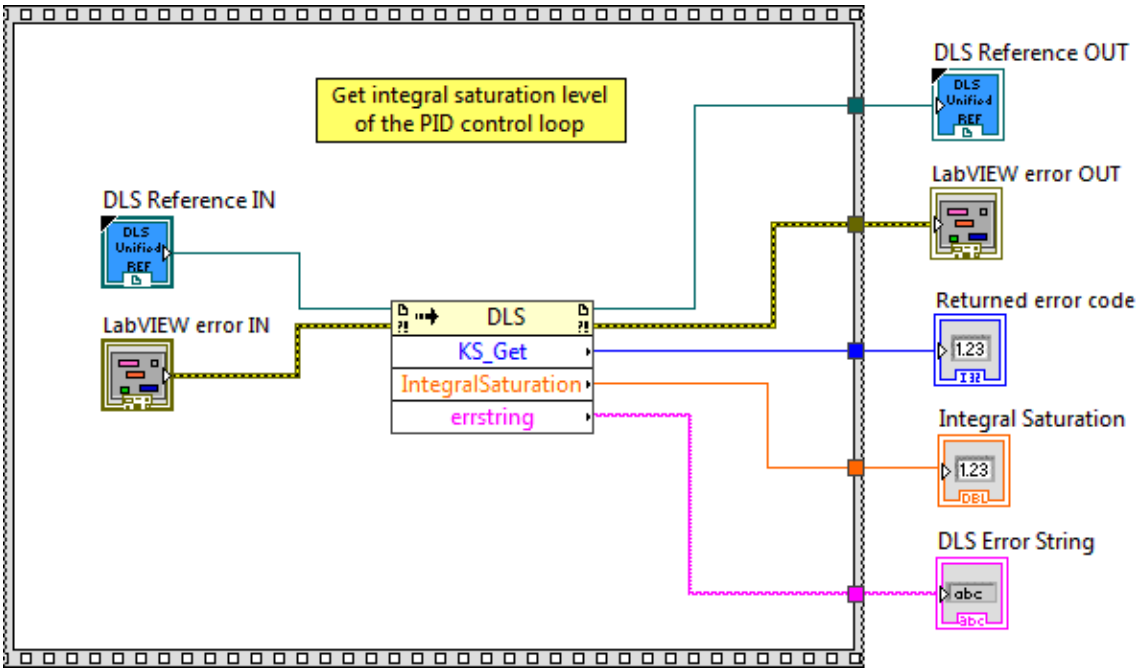
This function is used to get the integral saturation level of the PID control loop.

Connector Pane

LWDLS_KS_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Integral Saturation Integral saturation.

DLS Error String returns error string from VI.

2.111 KS_Set

Name

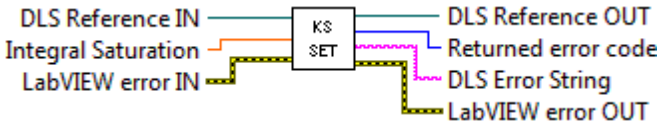
KS_Set – Sets the integral saturation level of the PID control loop.

Description

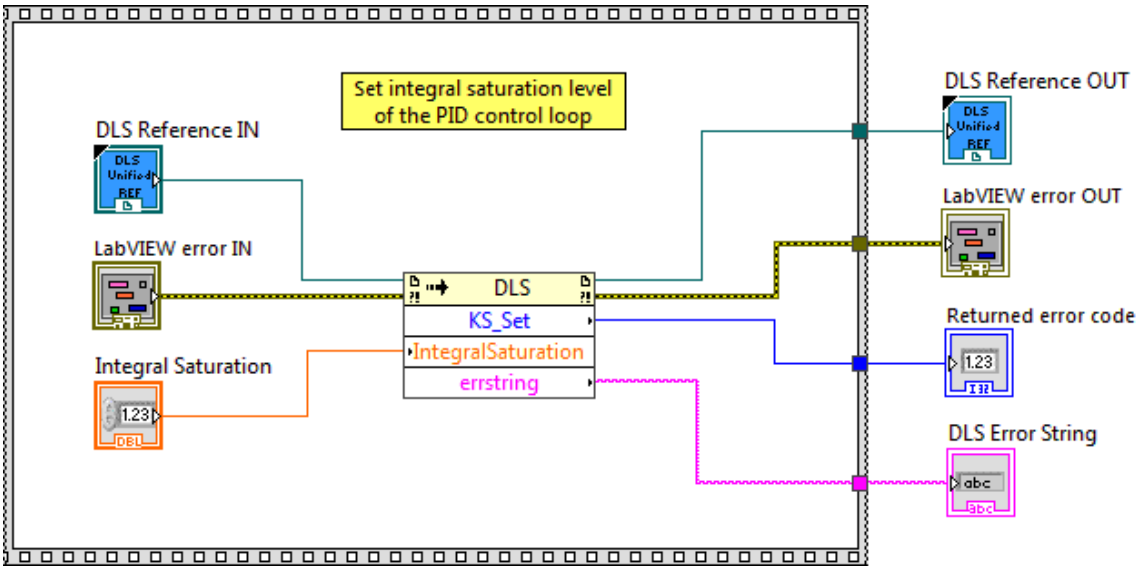
This function is used to set the integral saturation level of the PID control loop.

Connector Pane

LWDLS_KS_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Integral Saturation Integral saturation.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.112 LT_Get

Name

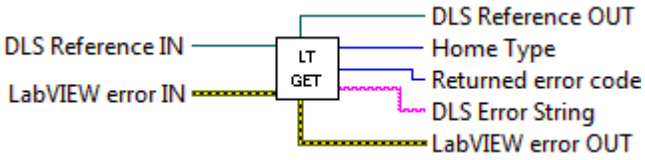
LT_Get – Gets the limits type of the encoder plug.

Description

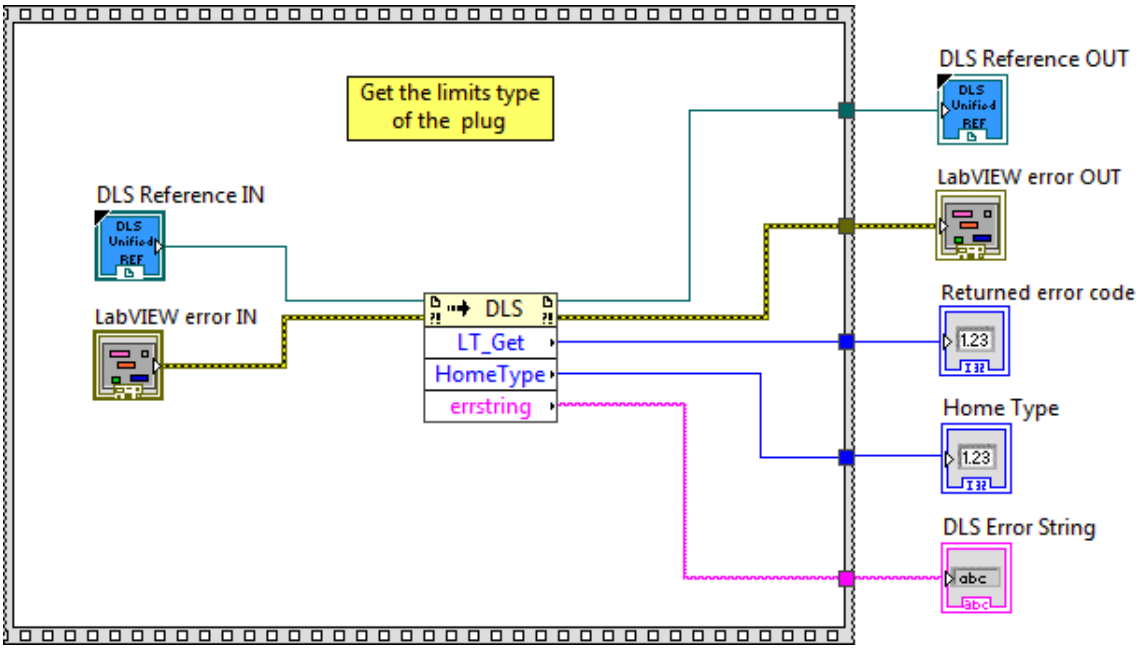
This function is used to get the limits type of the encoder plug.

Connector Pane

LWDLS_LT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Home Type Home type.

DLS Error String returns error string from VI.

2.113 LT_Set

Name

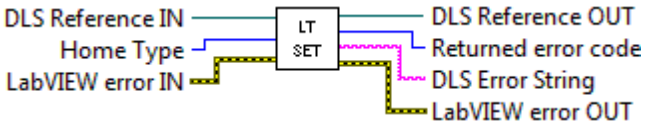
LT_Set – Sets the limits type of the encoder plug.

Description

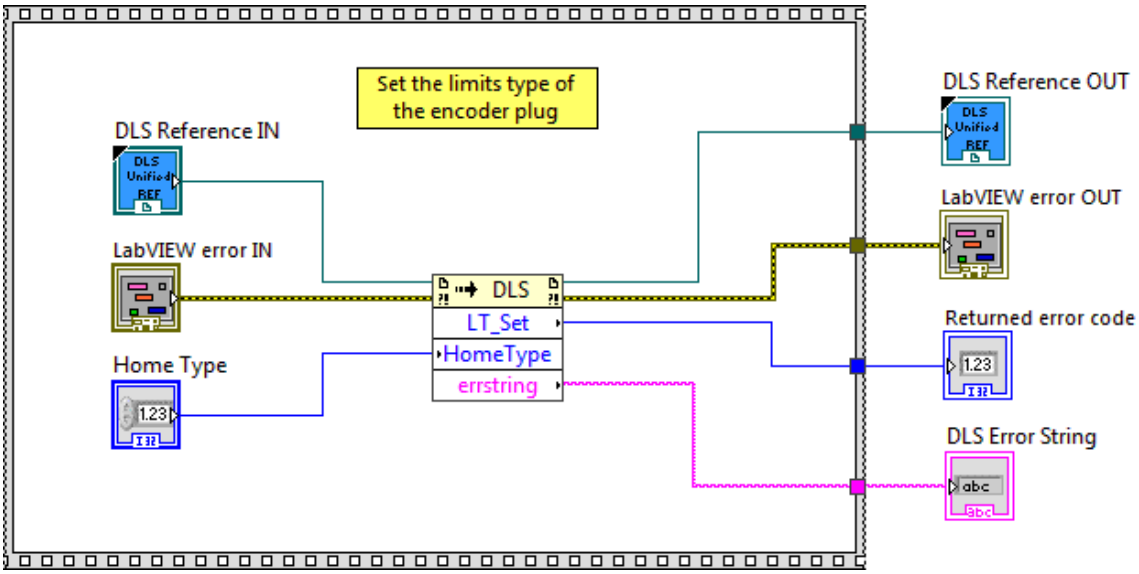
This function is used to set the limits type of the encoder plug.

Connector Pane

LWDLS_LT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Home Type Home type.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.114 MDA_Get

Name

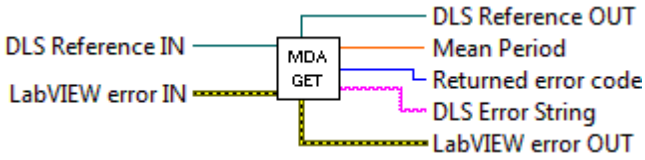
MDA_Get – Gets the Mean Period.

Description

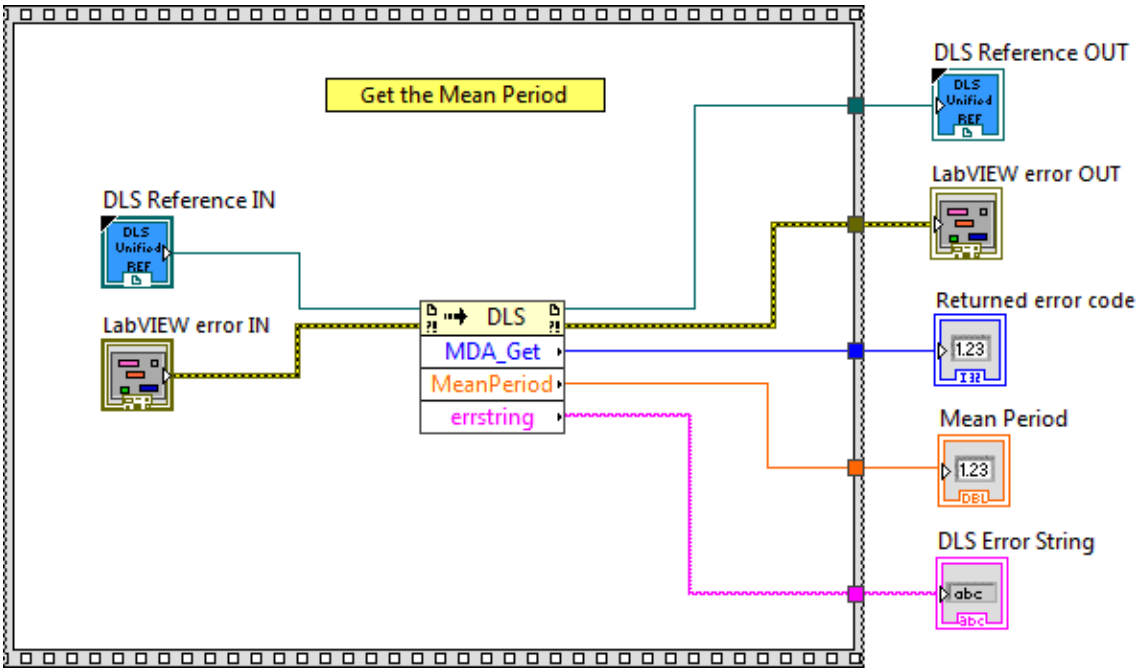
This function is used to get the Mean Period.

Connector Pane

LWDLS_MDA_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Mean Period Mean period.

DLS Error String returns error string from VI.

2.115 MDA_Set

Name

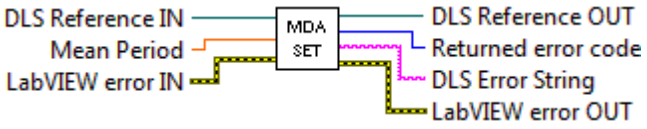
MDA_Set – Sets the Mean Period.

Description

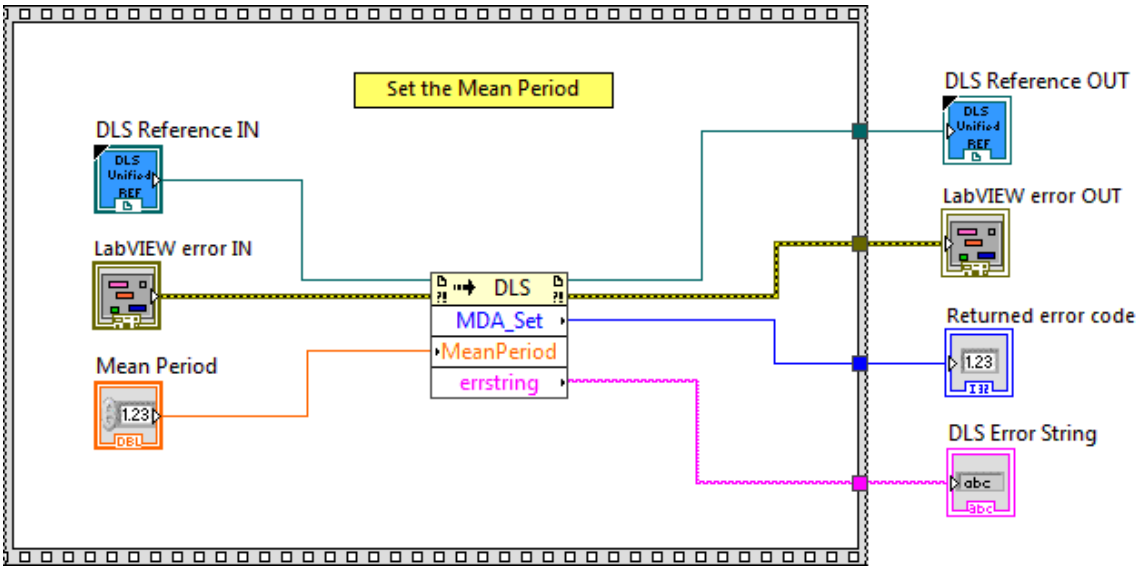
This function is used to set the Mean Period.

Connector Pane

LWDLS_MDA_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Mean Period Mean period.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.116 MDC_Get

Name

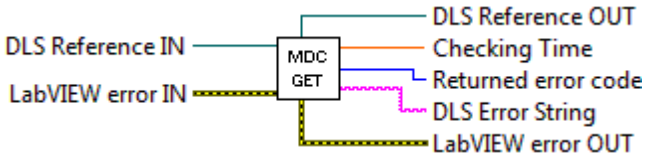
MDC_Get – Gets the Checking Time.

Description

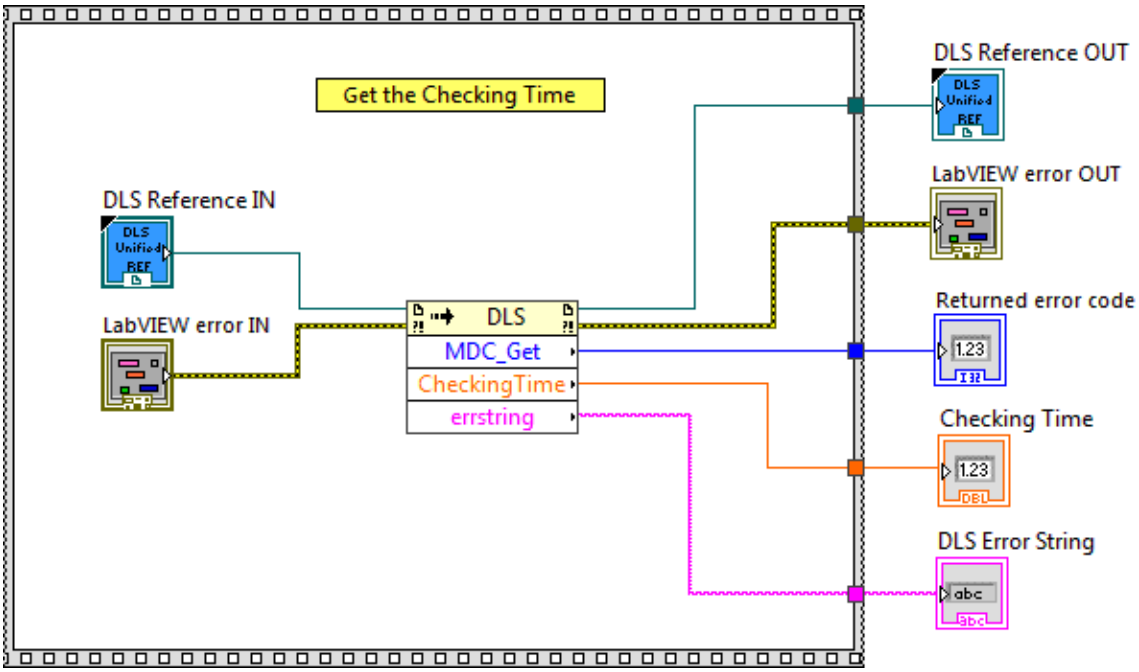
This function is used to get the Checking Time.

Connector Pane

LWDLS_MDC_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Checking Time Checking time.

DLS Error String returns error string from VI.

2.117 MDC_Set

Name

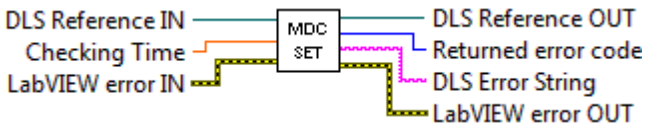
MDC_Set – Sets the Checking Time.

Description

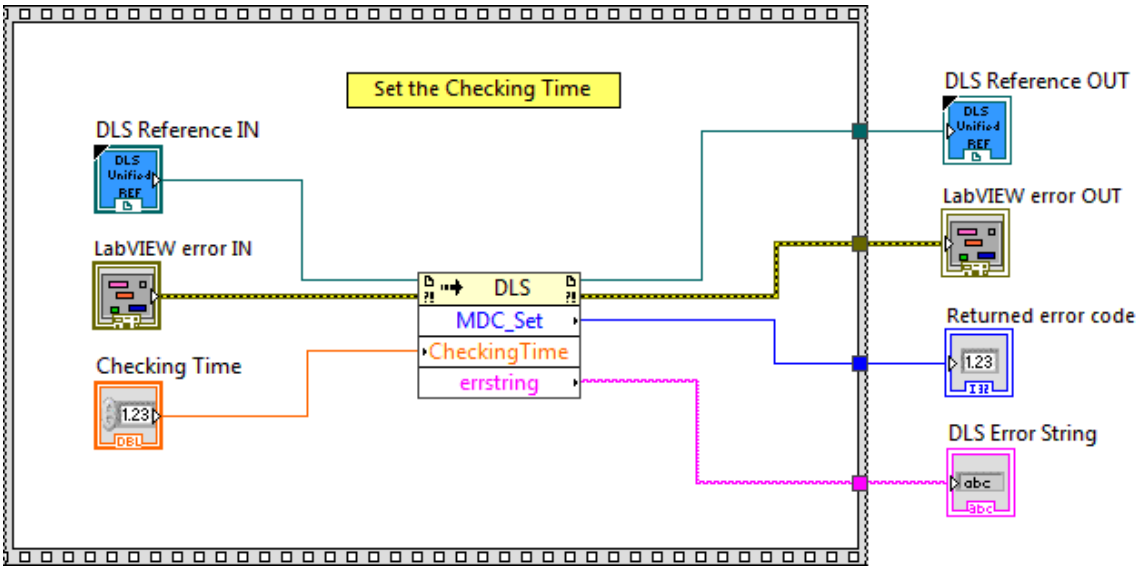
This function is used to set the Checking Time.

Connector Pane

LWDLS_MDC_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Checking Time Checking time.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.118 MDM_Get

Name

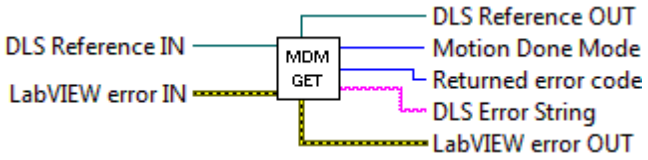
MDM_Get – Gets the Motion Done Mode.

Description

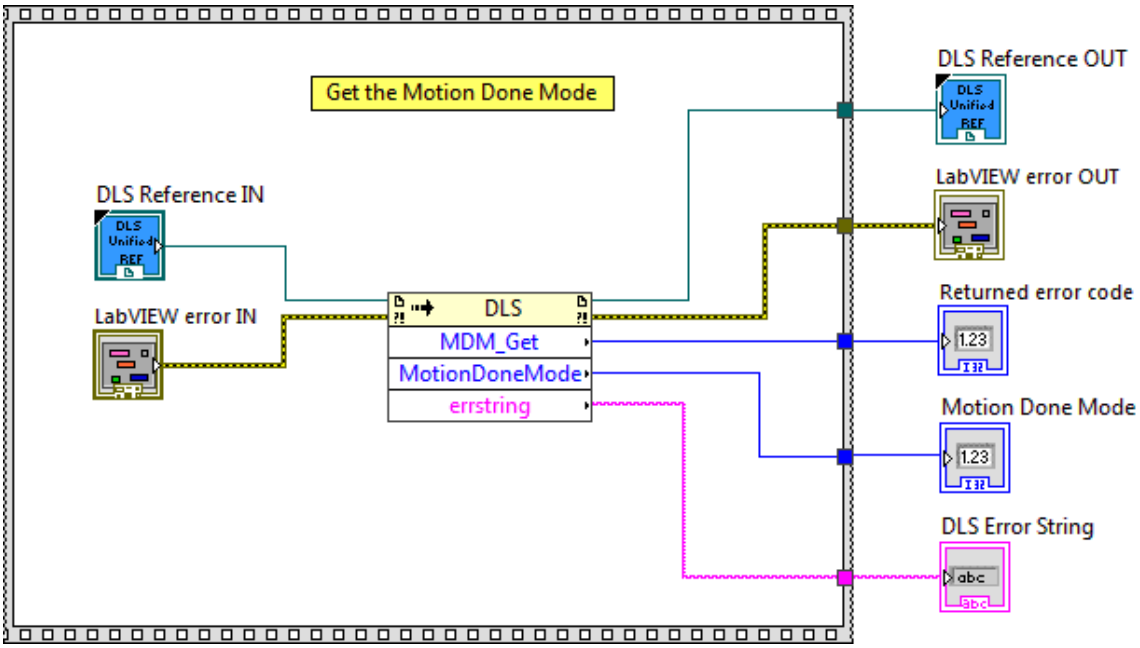
This function is used to get the Motion Done Mode.

Connector Pane

LWDLS_MDM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motion Done Mode Motion done mode.

DLS Error String returns error string from VI.

2.119 MDM_Set

Name

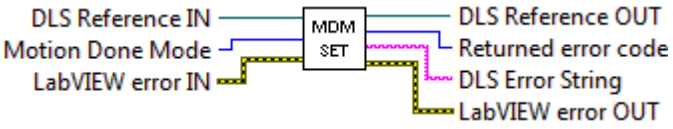
MDM_Set – Sets the Motion Done Mode.

Description

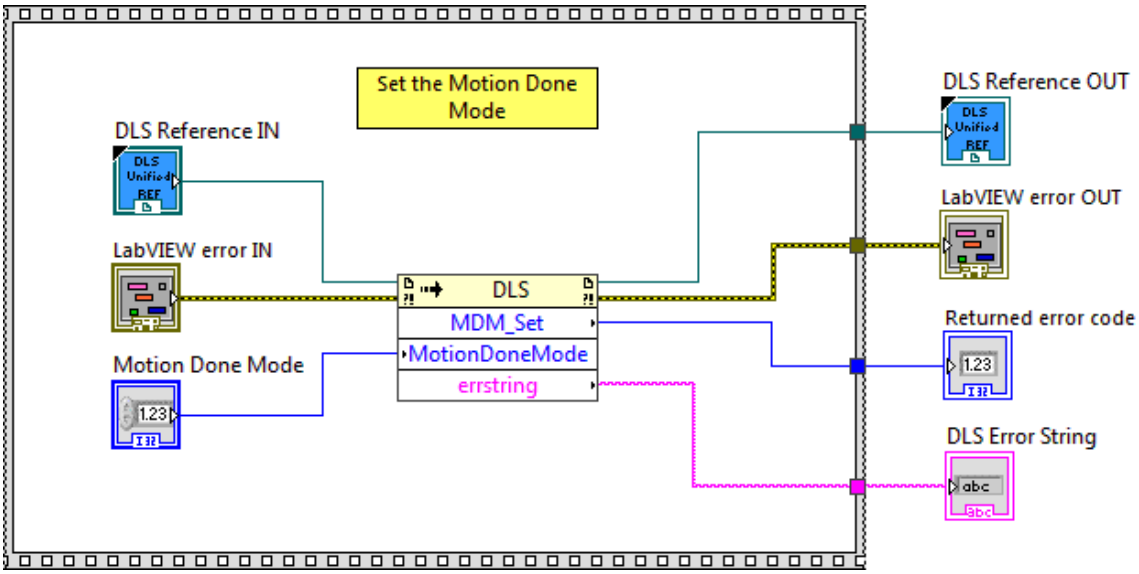
This function is used to set the Motion Done Mode.

Connector Pane

LWDLS_MDM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motion Done Mode Motion done mode.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.120 MDP_Get

Name

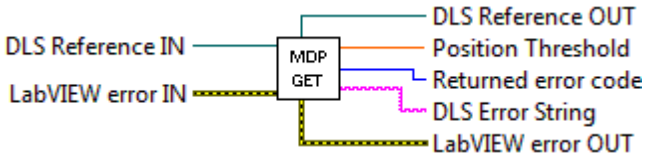
MDP_Get – Gets the Position Threshold.

Description

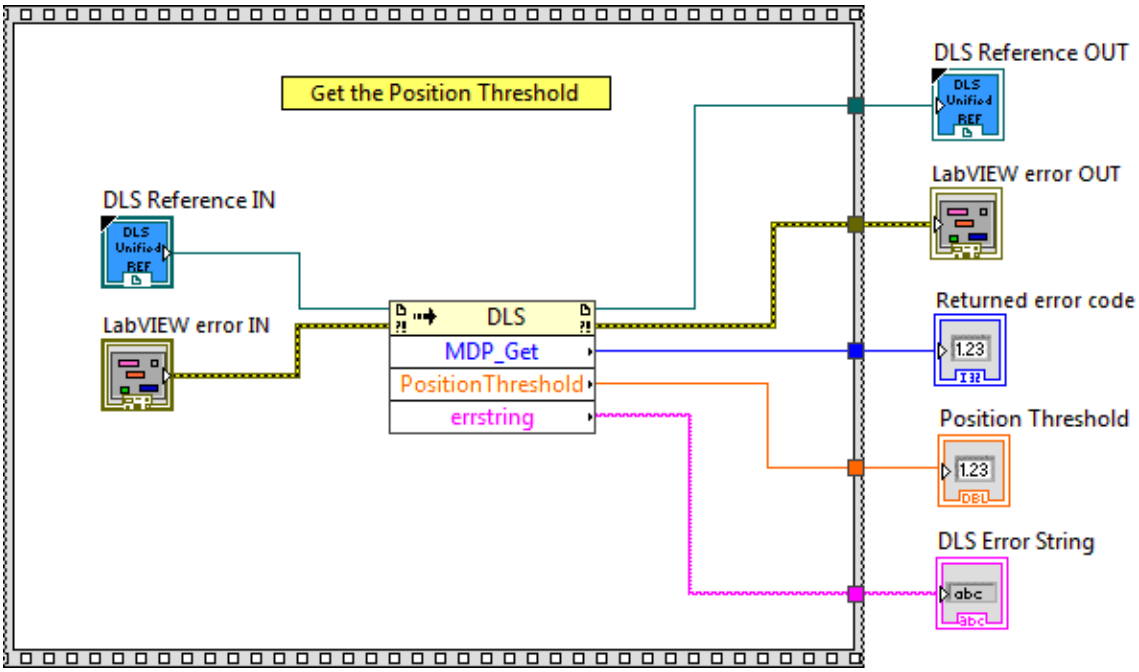
This function is used to get the Position Threshold.

Connector Pane

LWDLS_MDP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Position Threshold Position threshold.

DLS Error String returns error string from VI.

2.121 MDP_Set

Name

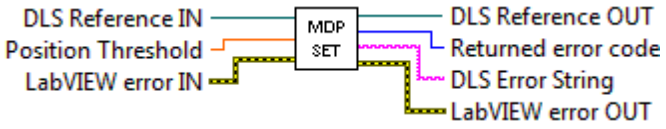
MDP_Set – Sets the Position Threshold.

Description

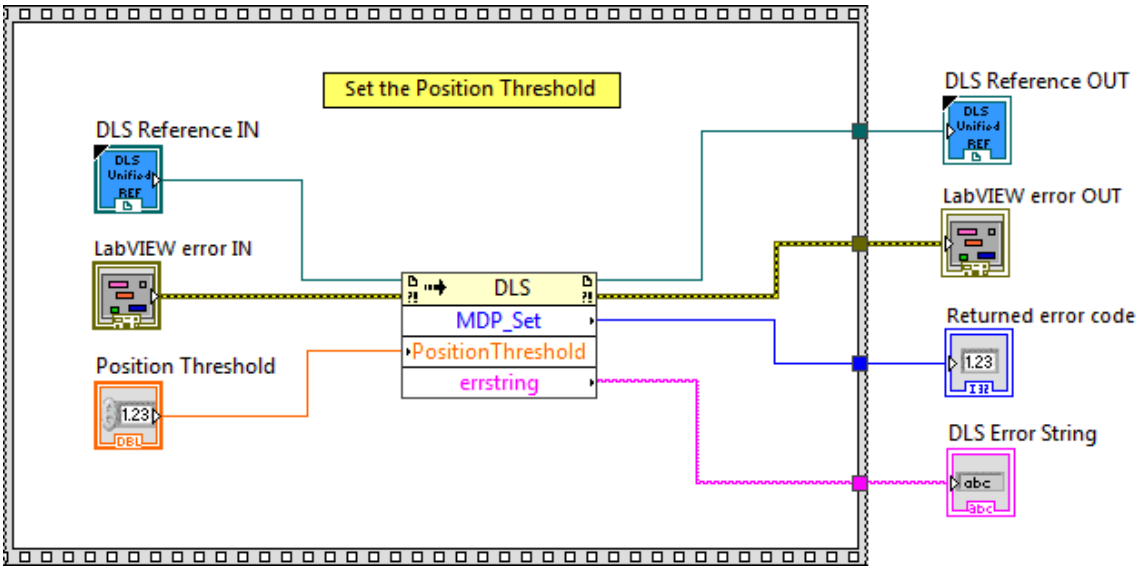
This function is used to set the Position Threshold.

Connector Pane

LWDLS_MDP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Position Threshold Position threshold.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.122 MDT_Get

Name

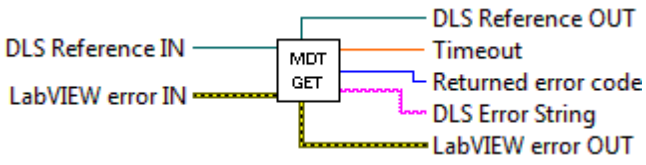
MDT_Get – Gets the Timeout.

Description

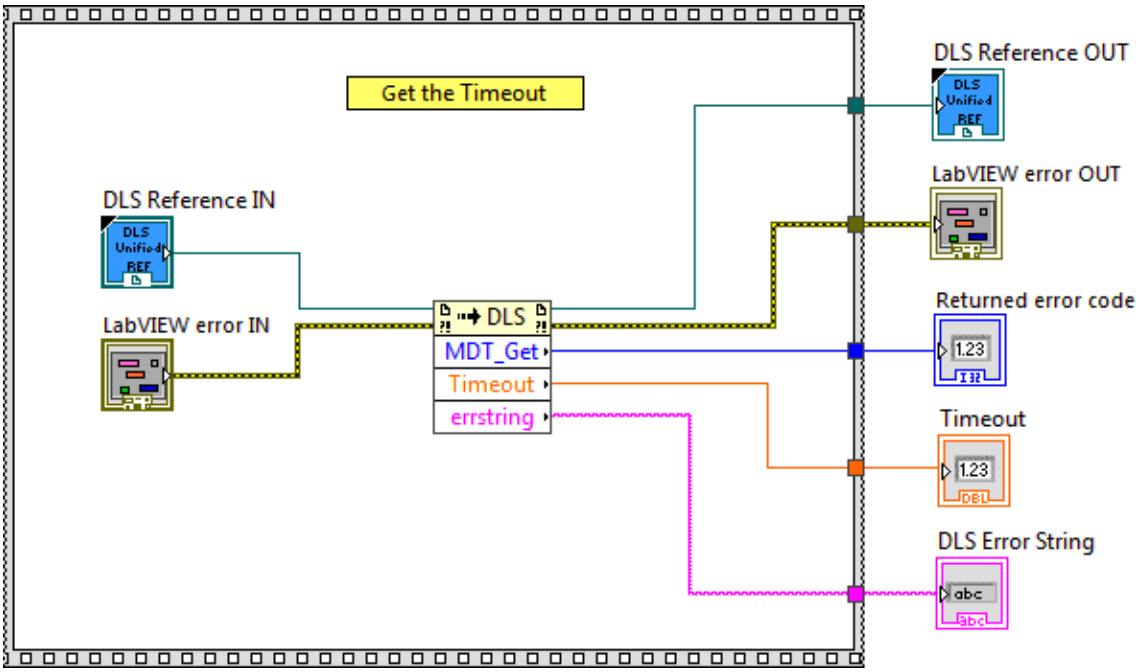
This function is used to get the Timeout.

Connector Pane

LWDLS_MDT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Timeout Timeout.

DLS Error String returns error string from VI.

2.123 MDT_Set

Name

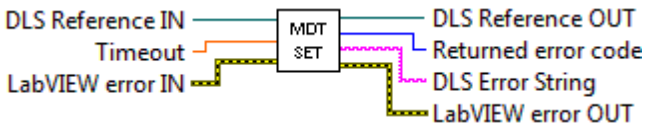
MDT_Set – Sets the Timeout.

Description

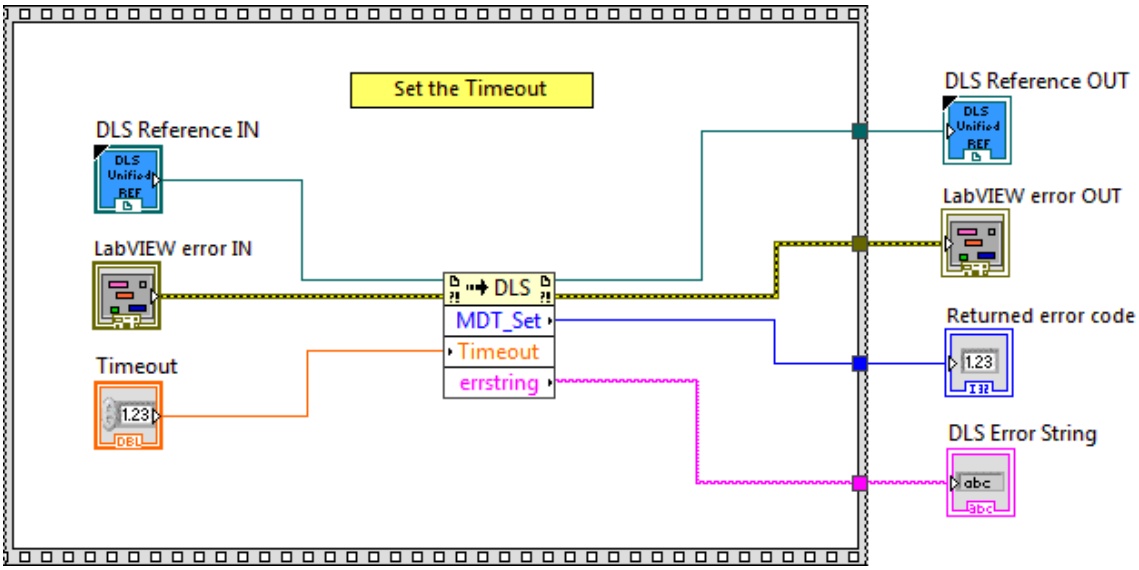
This function is used to set the Timeout.

Connector Pane

LWDLS_MDT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Timeout Timeout.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.124 MDV_Get

Name

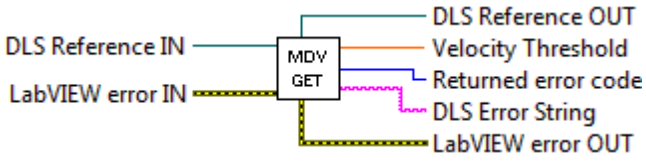
MDV_Get – Gets the Velocity Threshold.

Description

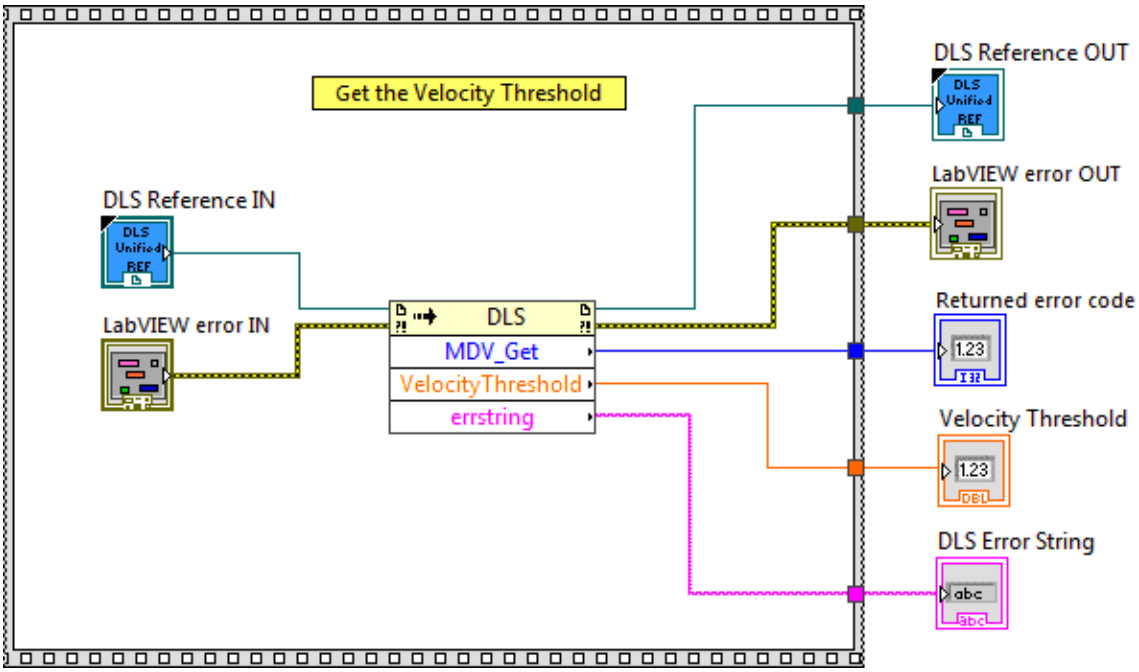
This function is used to get the Velocity Threshold.

Connector Pane

LWDLS_MDV_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Velocity Threshold Velocity threshold.

DLS Error String returns error string from VI.

2.125 MDV_Set

Name

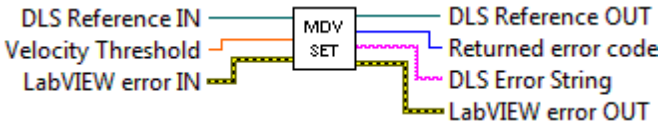
MDV_Set – Sets the Velocity Threshold.

Description

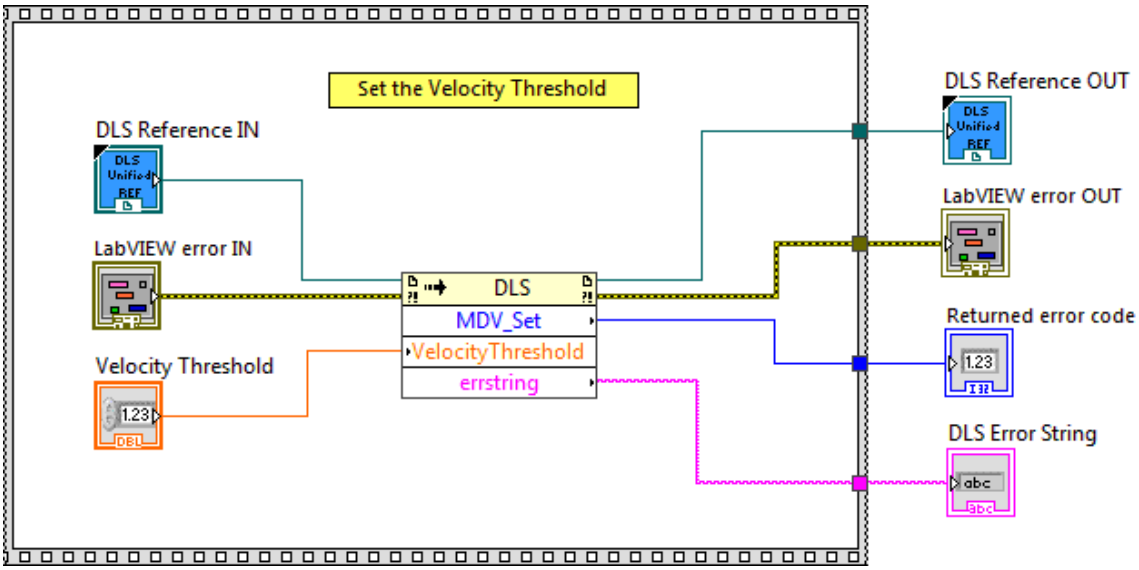
This function is used to set the Velocity Threshold.

Connector Pane

LWDLS_MDV_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Velocity Threshold Velocity threshold.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.126 MM_Get

Name

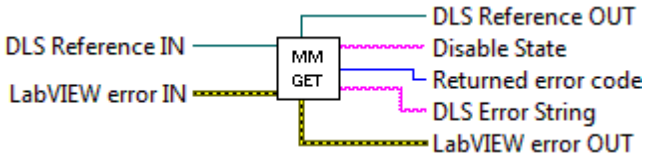
MM_Get – Enters/Leaves DISABLE state.

Description

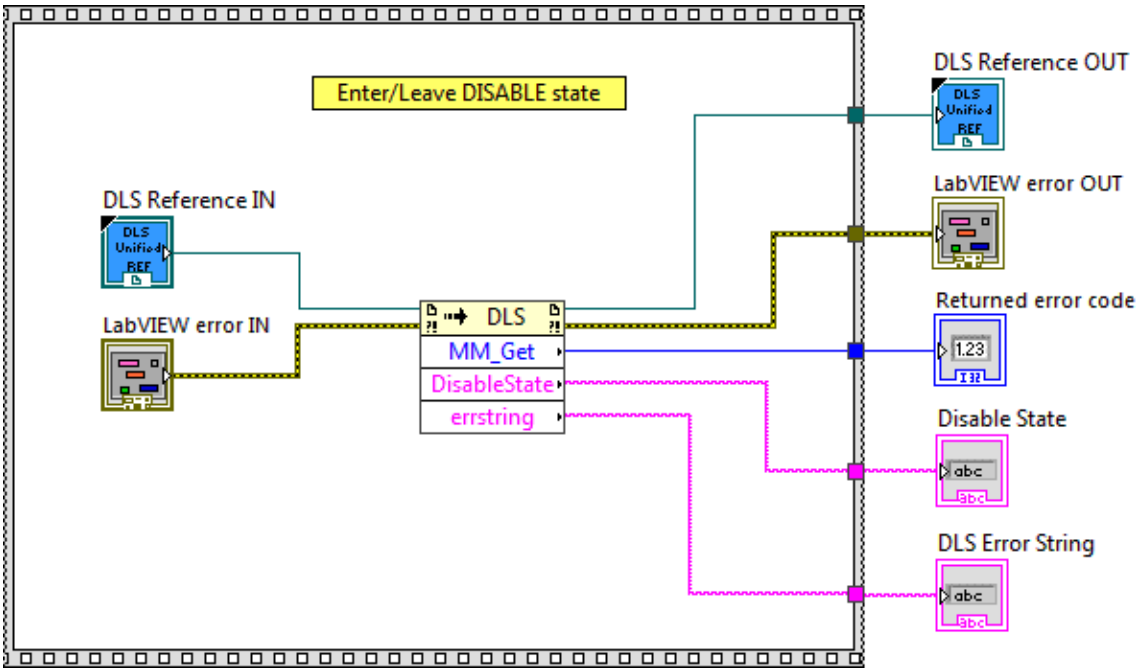
This function is used to Enter/Leave DISABLE state.

Connector Pane

LWDLS_MM_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Disable State Disable state.

DLS Error String returns error string from VI.

2.127 MM_Set

Name

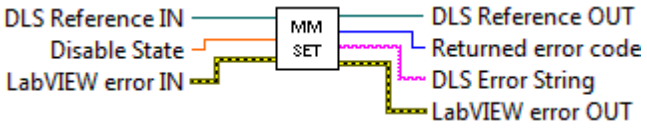
MM_Set – Sets the Velocity Threshold.

Description

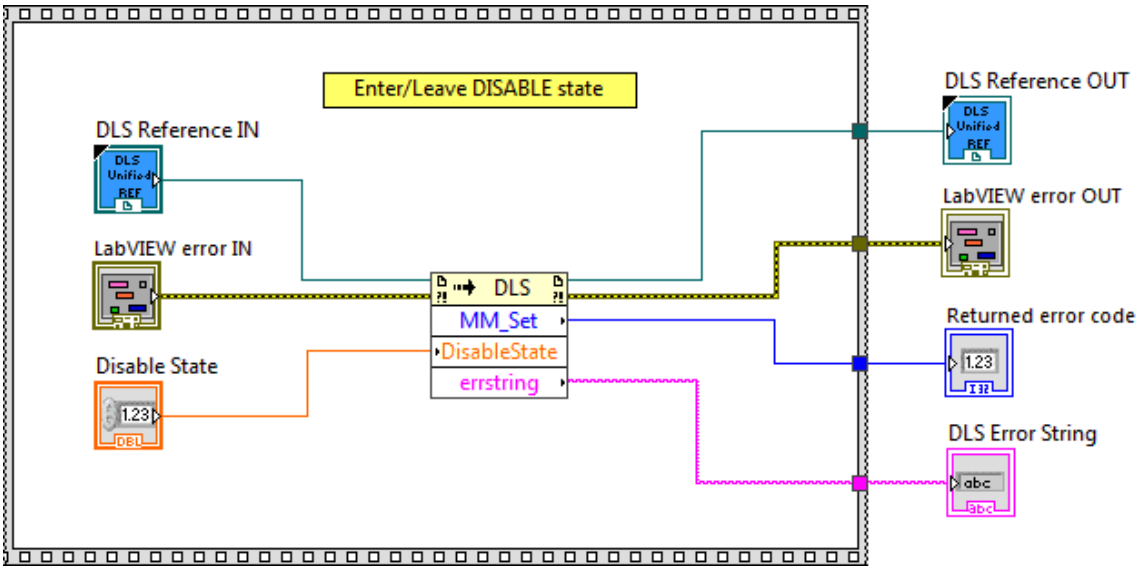
This function is used to Enter/Leave DISABLE state.

Connector Pane

LWDLS_MM_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Disable State Disable state.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.128 MP_Get

Name

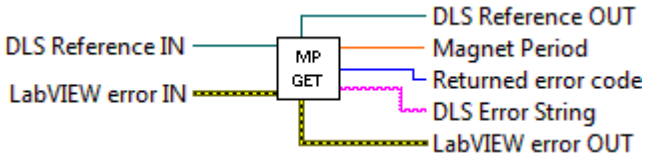
MP_Get – Gets the magnet period.

Description

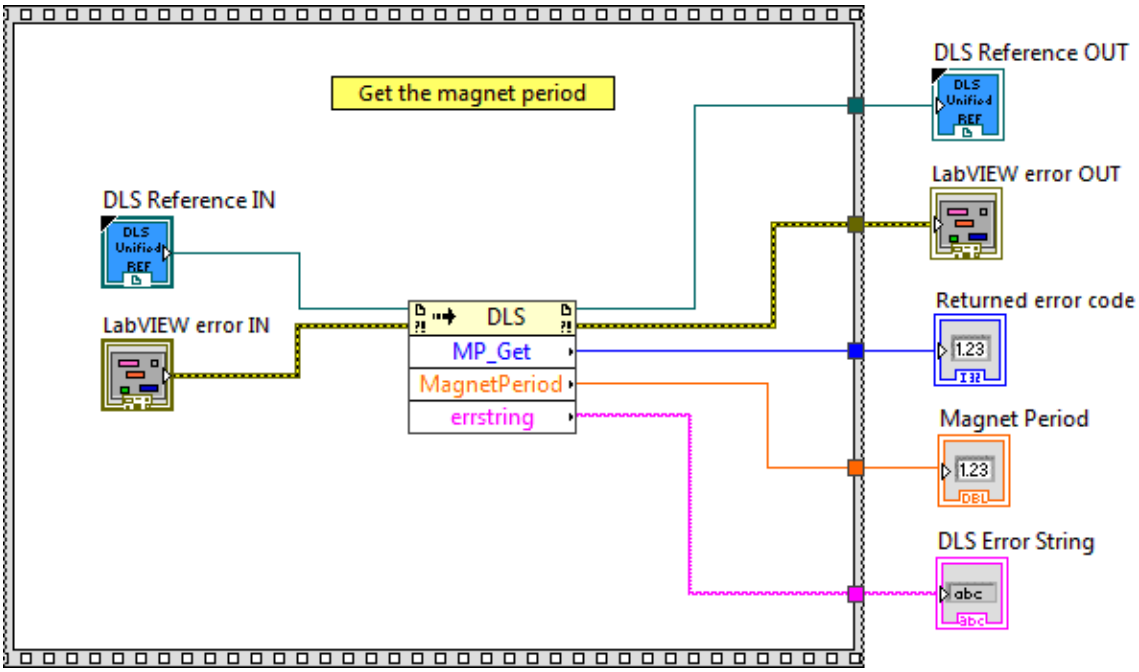
This function is used to get the magnet period.

Connector Pane

LWDLS_MP_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Magnet Period is the magnet period.

DLS Error String returns error string from VI.

2.129 MP_Set

Name

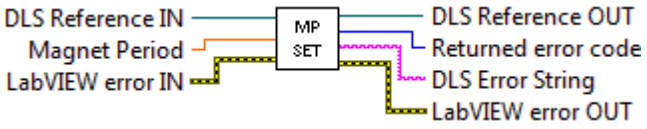
MP_Set – Sets the magnet period.

Description

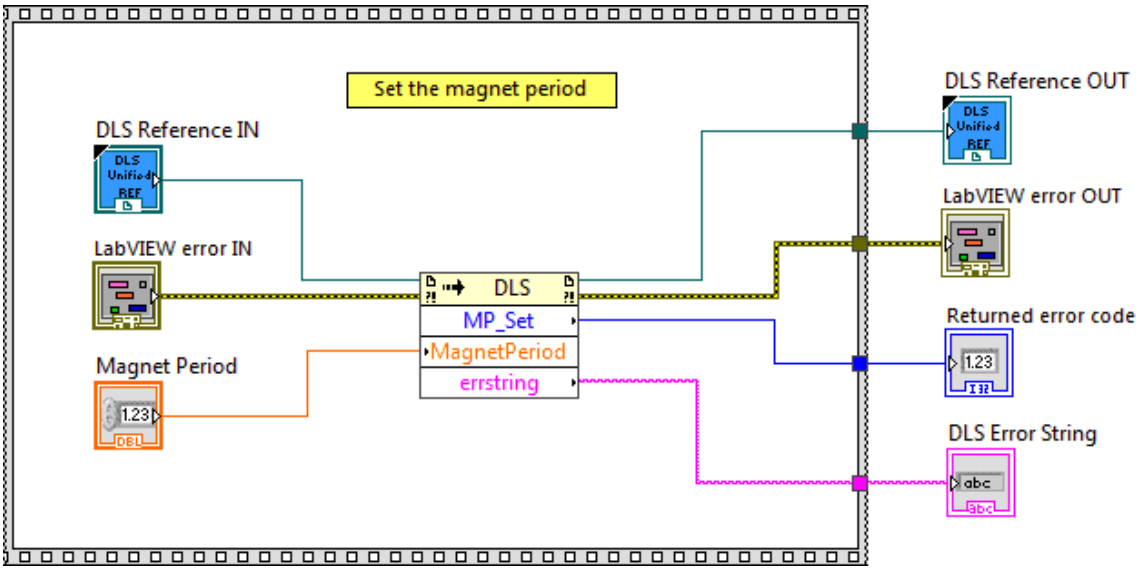
This function is used to set the magnet period.

Connector Pane

LWDLS_MP_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Magnet Period is the magnet period.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.130 MT_Get

Name

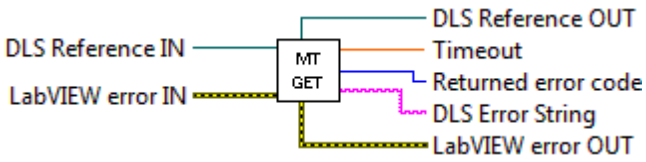
MT_Get – Gets the timeout value of the PD commands.

Description

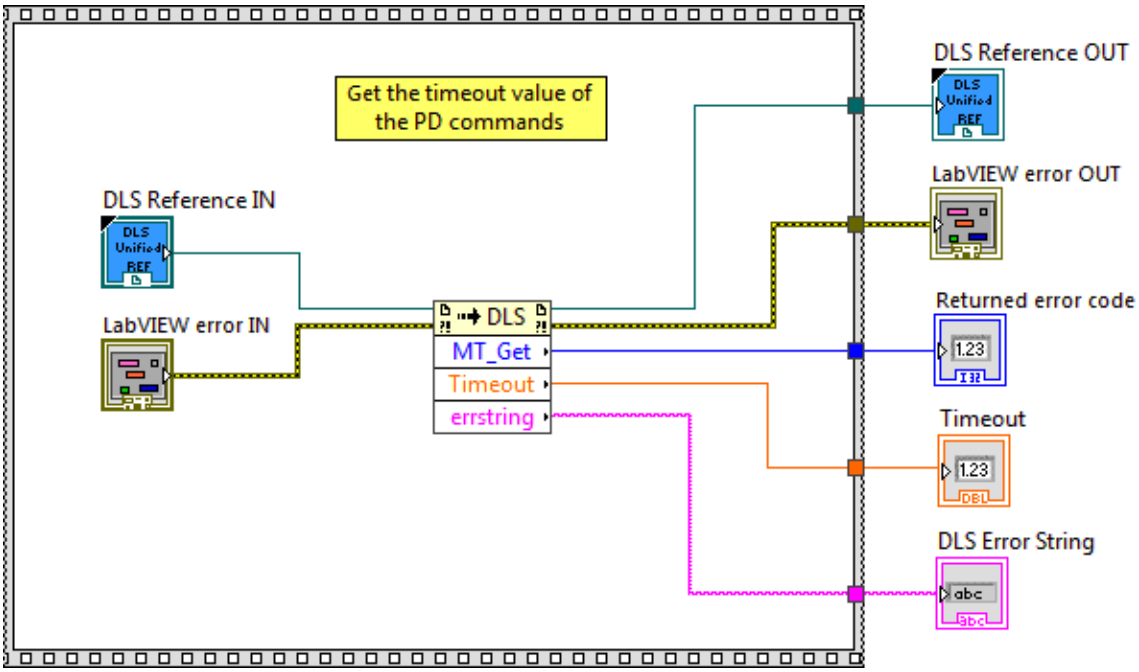
This function is used to get the timeout value of the PD commands.

Connector Pane

LWDLS_MT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Timeout Timeout.

DLS Error String returns error string from VI.

2.131 MT_Set

Name

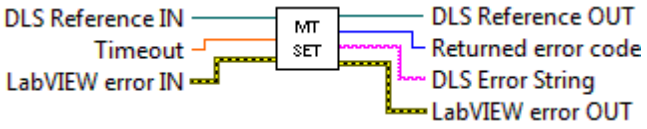
MT_Set – Sets the timeout value of the PD commands.

Description

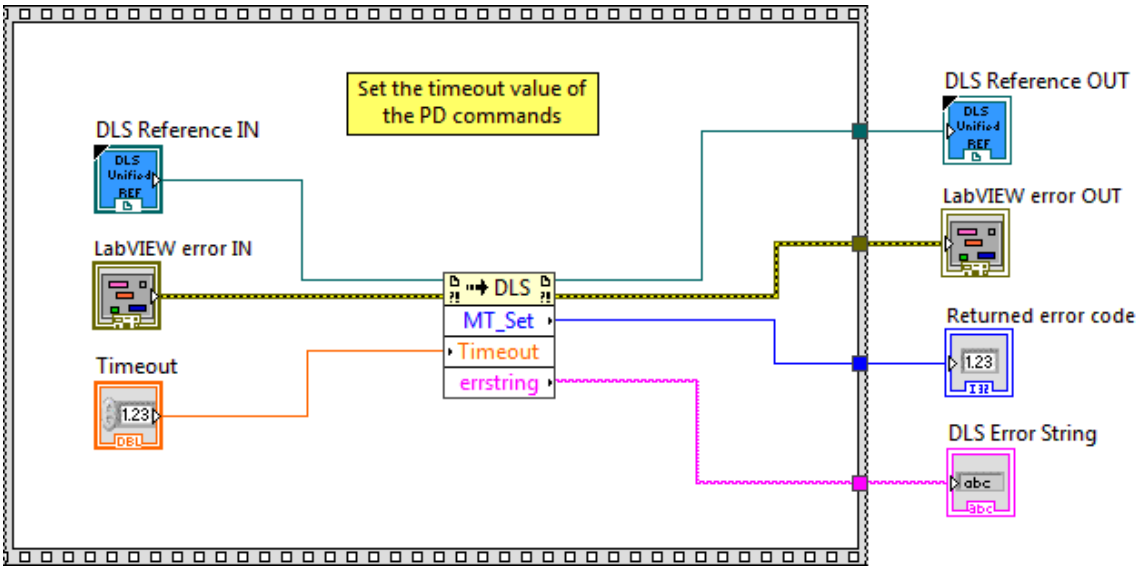
This function is used to set the timeout value of the PD commands.

Connector Pane

LWDLS_MT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Timeout Timeout.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.132 NFF_Get

Name

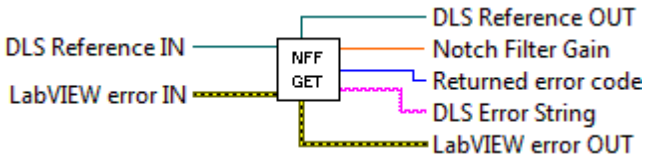
NFF_Get – Gets the timeout value of the notch filter center frequency value of the PID control loop.

Description

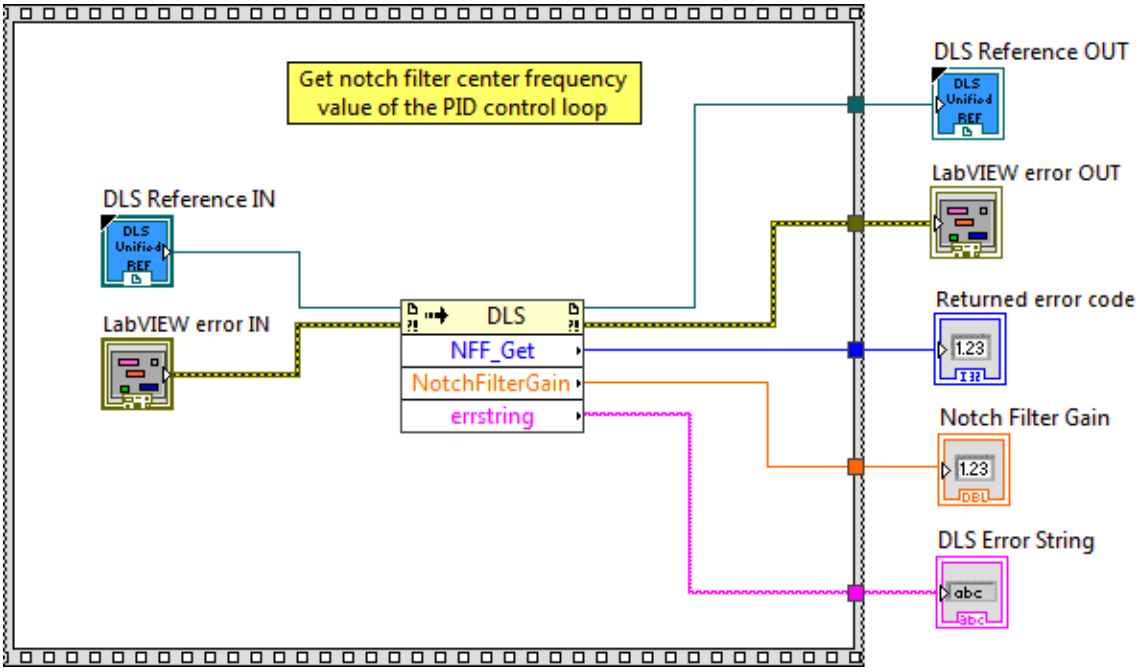
This function is used to get the notch filter center frequency value of the PID control loop.

Connector Pane

LWDLS_NFF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Notch Filter Gain Notch filter center frequency.

DLS Error String returns error string from VI.

2.133 NFF_Set

Name

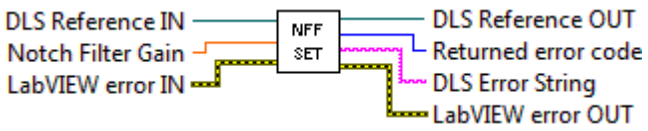
NFF_Set – Sets the timeout value of the notch filter center frequency value of the PID control loop.

Description

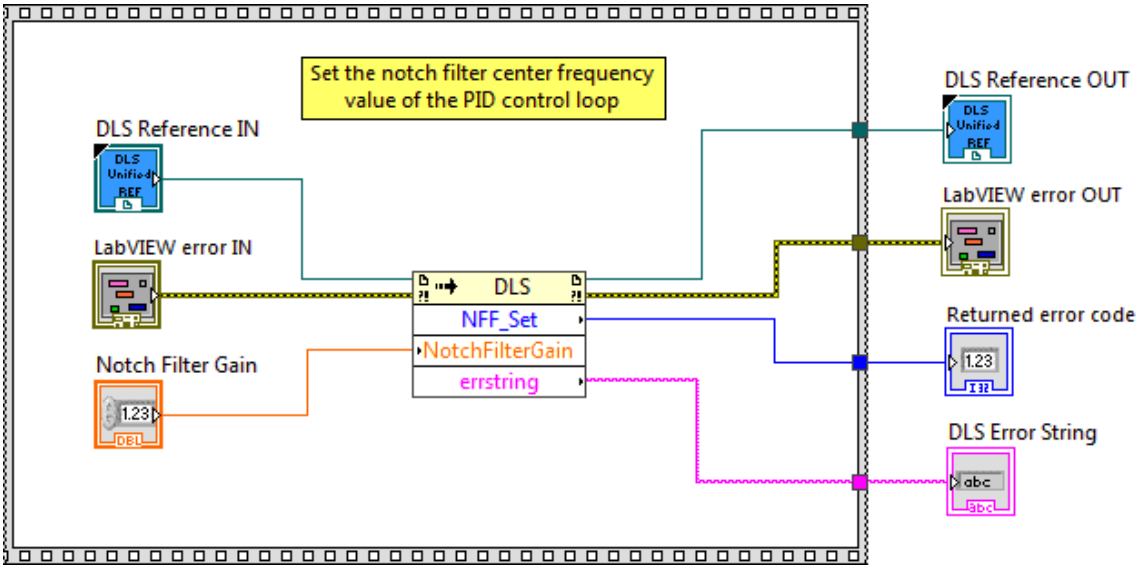
This function is used to set the notch filter center frequency value of the PID control loop.

Connector Pane

LWDLS_NFF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Notch Filter Gain Notch filter center frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.134 NFG_Get

Name

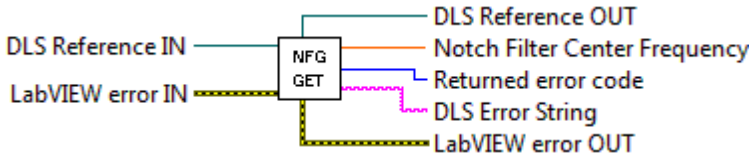
NFG_Get – Gets the notch filter gain value of the PID control loop.

Description

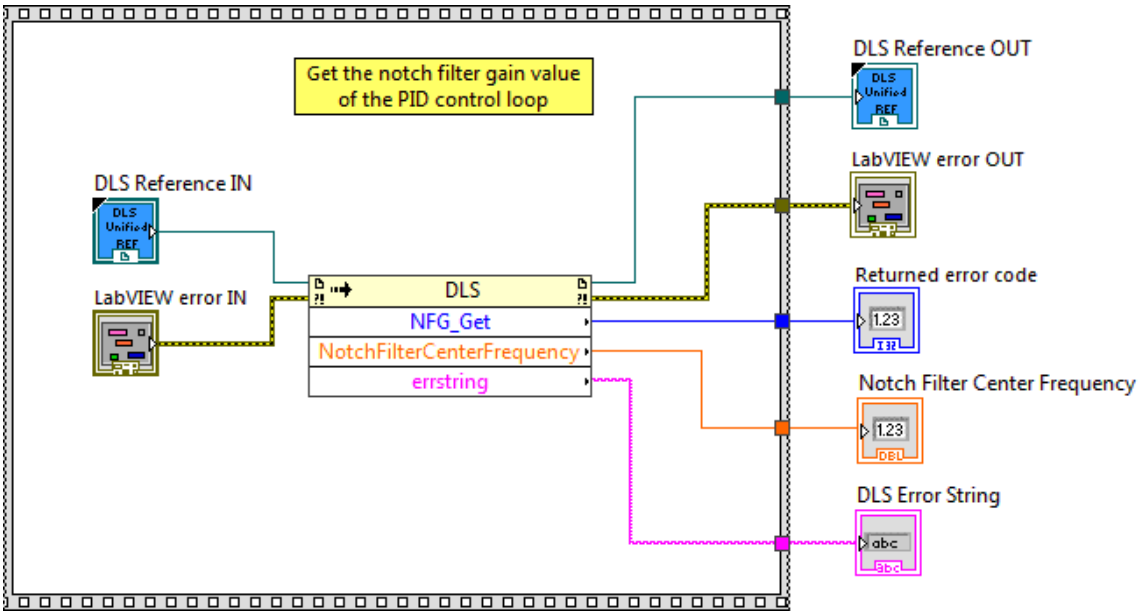
This function is used to get the notch filter gain value of the PID control loop.

Connector Pane

LWDLS_NFG_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Notch Filter Center is the frequency Notch filter gain.

DLS Error String returns error string from VI.

2.135 NFG_Set

Name

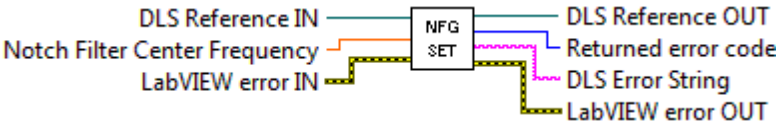
NFG_Set – Sets the notch filter gain value of the PID control loop.

Description

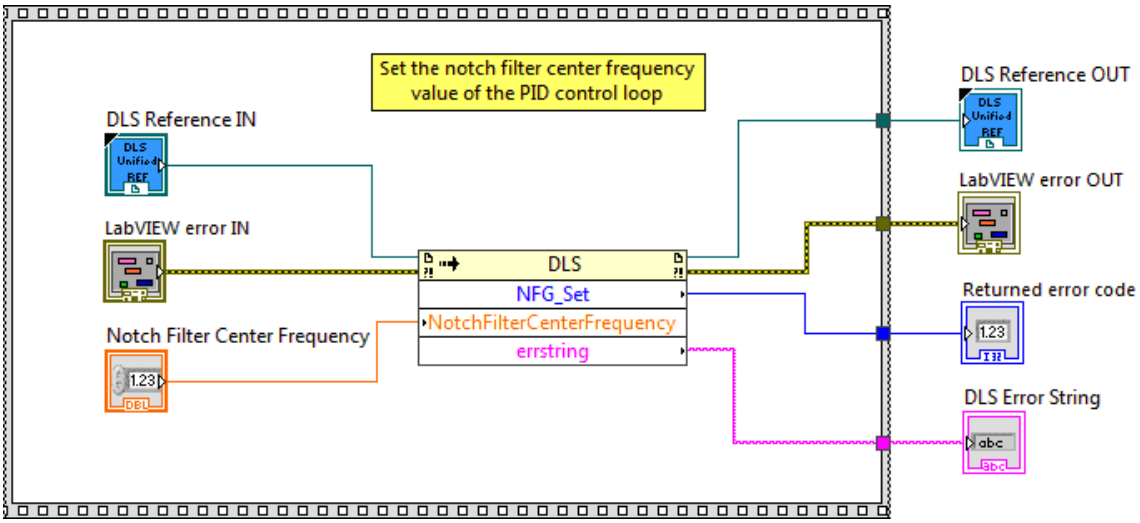
This function is used to set the notch filter gain value of the PID control loop.

Connector Pane

LWDLS_NFG_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Notch Filter Center is the frequency Notch filter gain.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.136 NFW_Get

Name

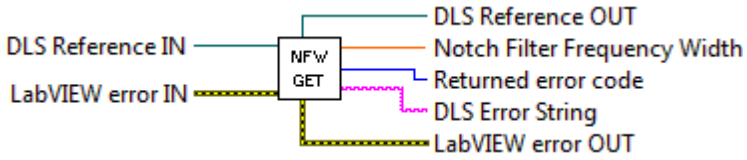
NFW_Get – Gets the notch filter frequency width value of the PID control loop.

Description

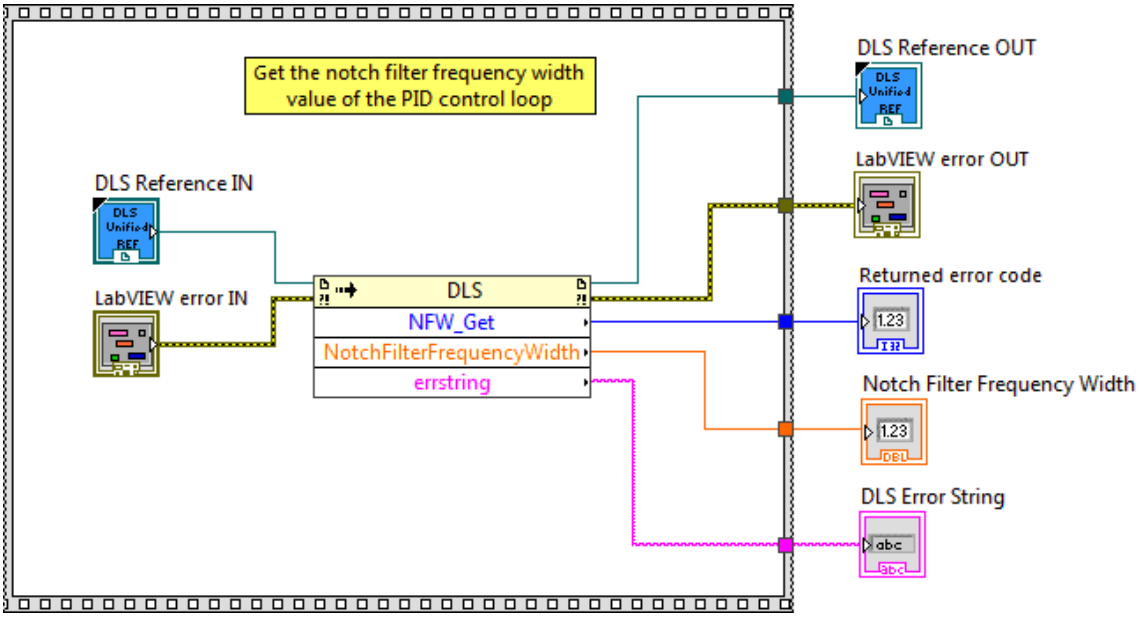
This function is used to get the notch filter frequency width value of the PID control loop.

Connector Pane

LWDLS_NFW_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Notch Filter Frequency Width is the notch filter frequency width.

DLS Error String returns error string from VI.

2.137 NFW_Set

Name

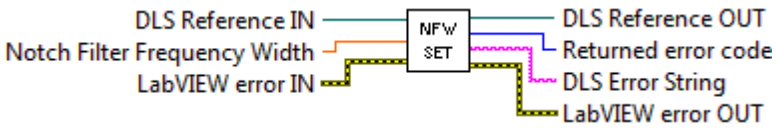
NFW_Set – Sets the notch filter frequency width value of the PID control loop.

Description

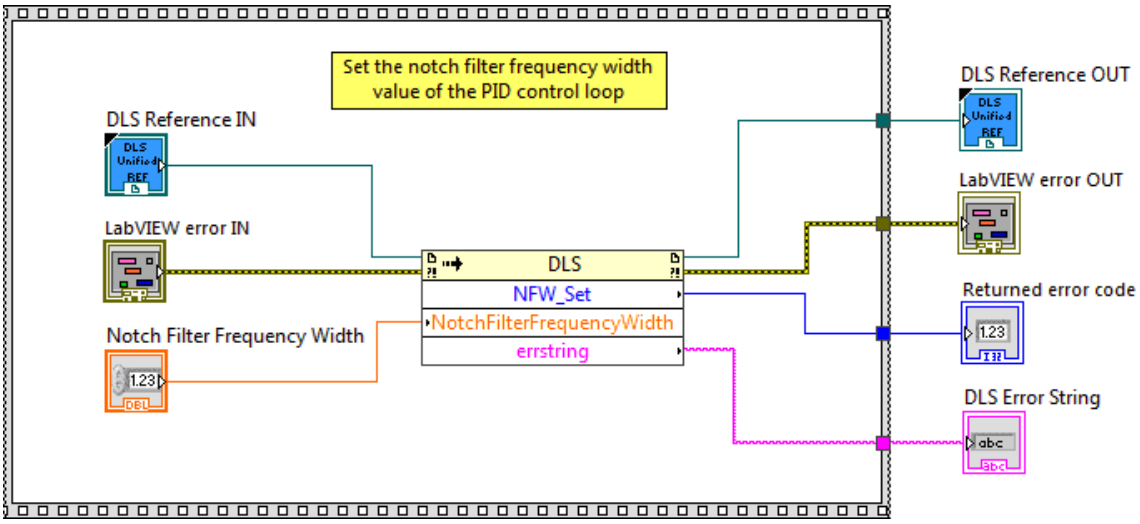
This function is used to set the notch filter frequency width value of the PID control loop.

Connector Pane

LWDLS_NFW_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Notch Filter is the frequency **Width** Notch filter frequency width.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.138 OH_Get

Name

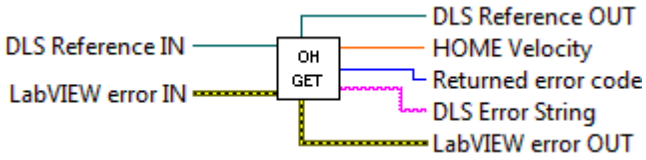
OH_Get – Gets HOME search velocity.

Description

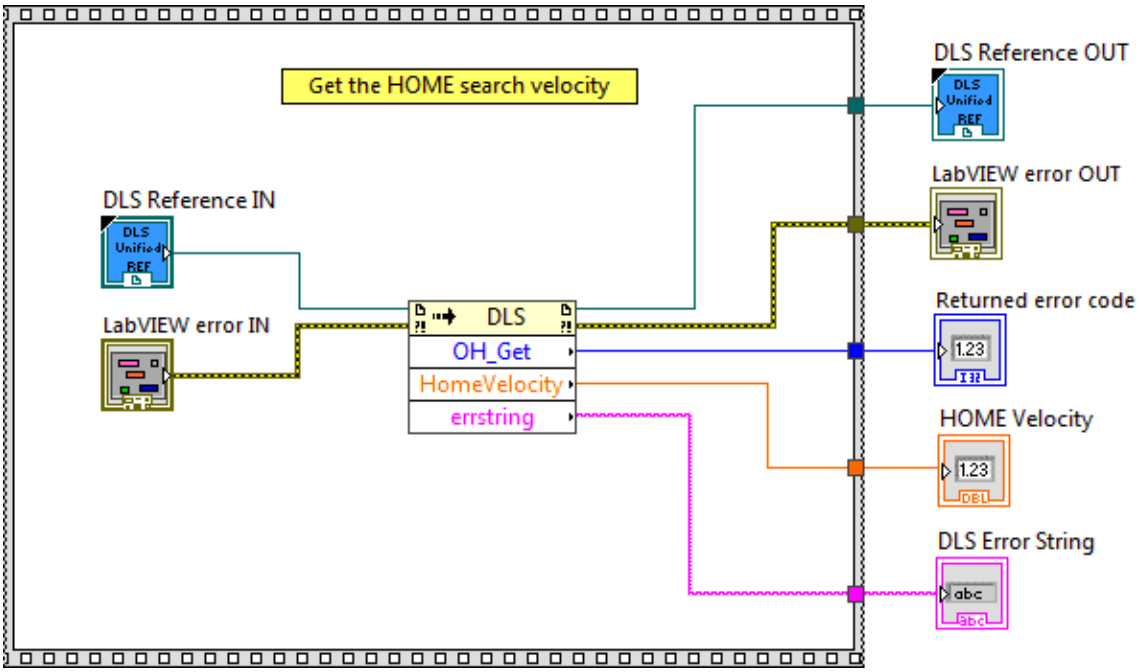
This function is used to get HOME search velocity.

Connector Pane

LWDLS_OH_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Home Velocity HomeVelocity.

DLS Error String returns error string from VI.

2.139 OH_Set

Name

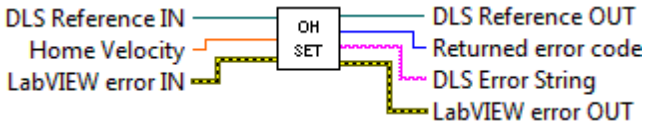
OH_Set – Sets HOME search velocity.

Description

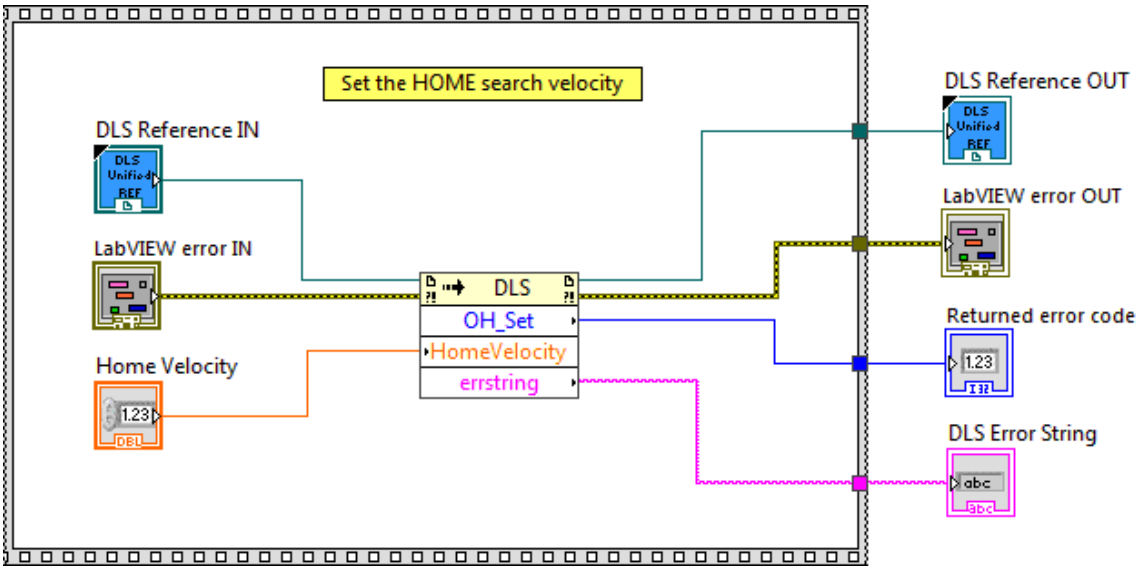
This function is used to set HOME search velocity.

Connector Pane

LWDLS_OH_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Home Velocity HomeVelocity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.140 OpenInstrument

Name

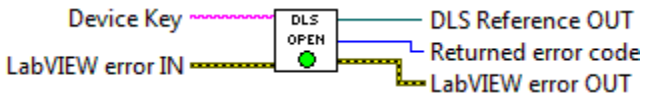
OpenInstrument – Open communication with the selected device.

Description

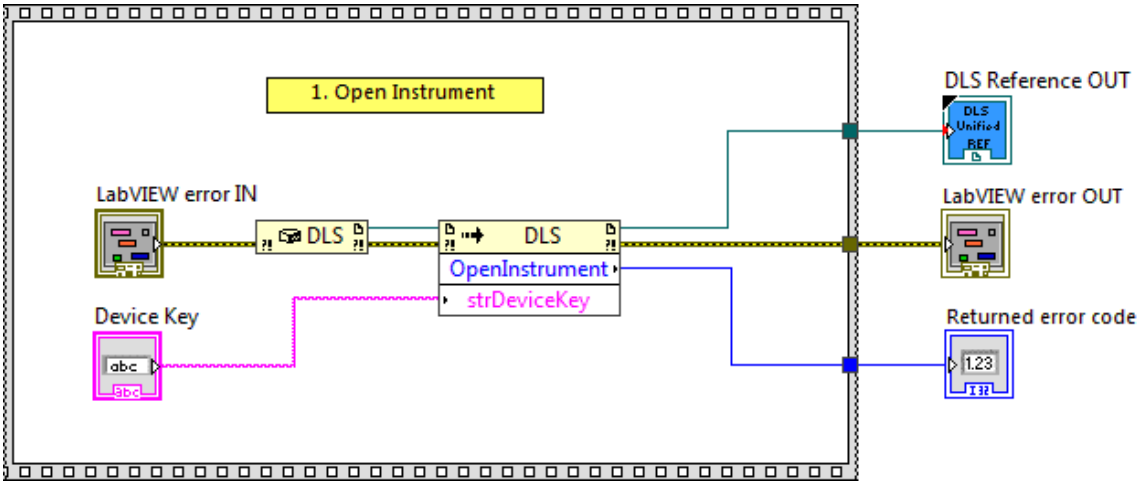
This function allows opening communication with the selected device. If the opening failed, the returned code is -1.

Connector Pane

LWDLS_OpenInstrument.vi



Screenshot



Controls and Indicators

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Device Key The device key is a serial COM port.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

2.141 OR

Name

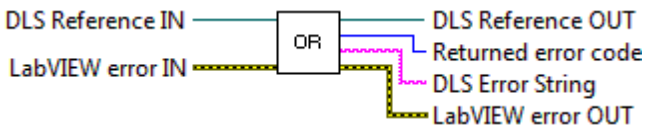
OR – Execute HOME search.

Description

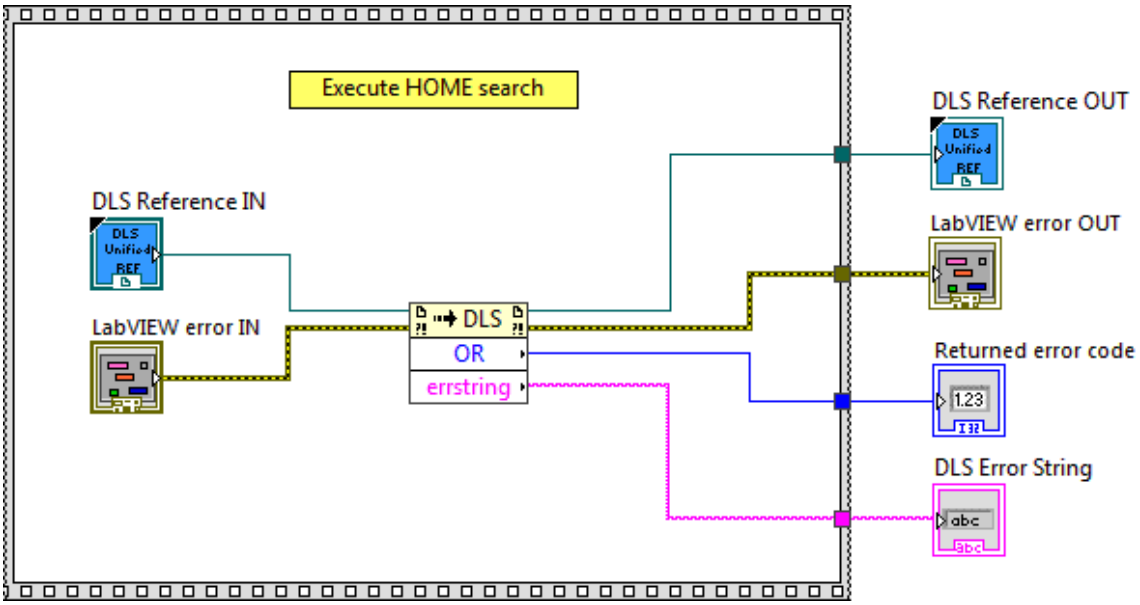
This function is used to Execute HOME search.

Connector Pane

LWDLS_OR.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.142 OT_Get

Name

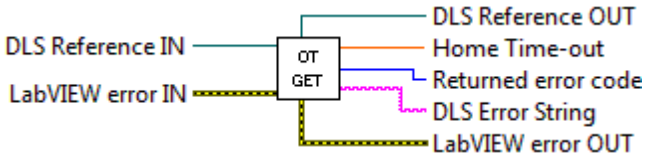
OT_Get – Gets HOME search time-out.

Description

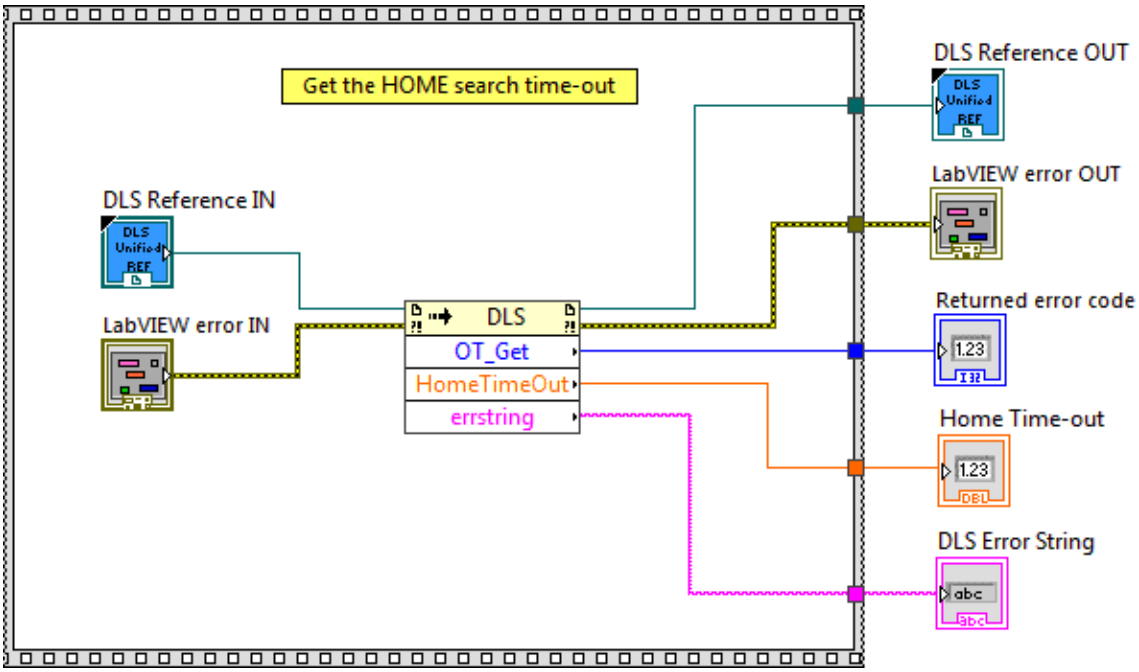
This function is used to get HOME search time-out.

Connector Pane

LWDLS_OT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Home Time-out is the home time-out.

DLS Error String returns error string from VI.

2.143 OT_Set

Name

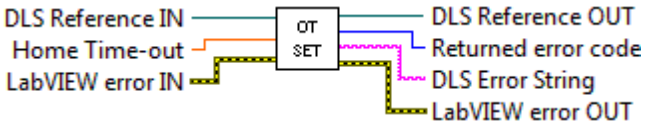
OT_Set – Sets HOME search time-out.

Description

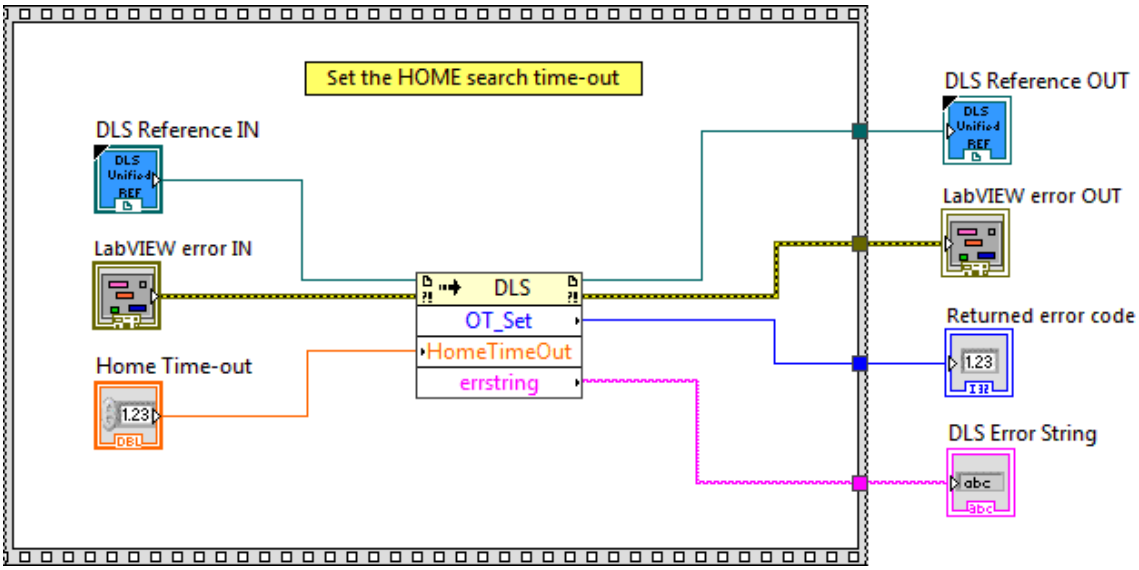
This function is used to set HOME search time-out.

Connector Pane

LWDLS_OT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Home Time-out is the home time-out.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.144 PA_Get

Name

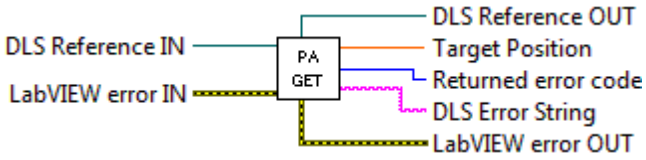
PA_Get – Moves absolute.

Description

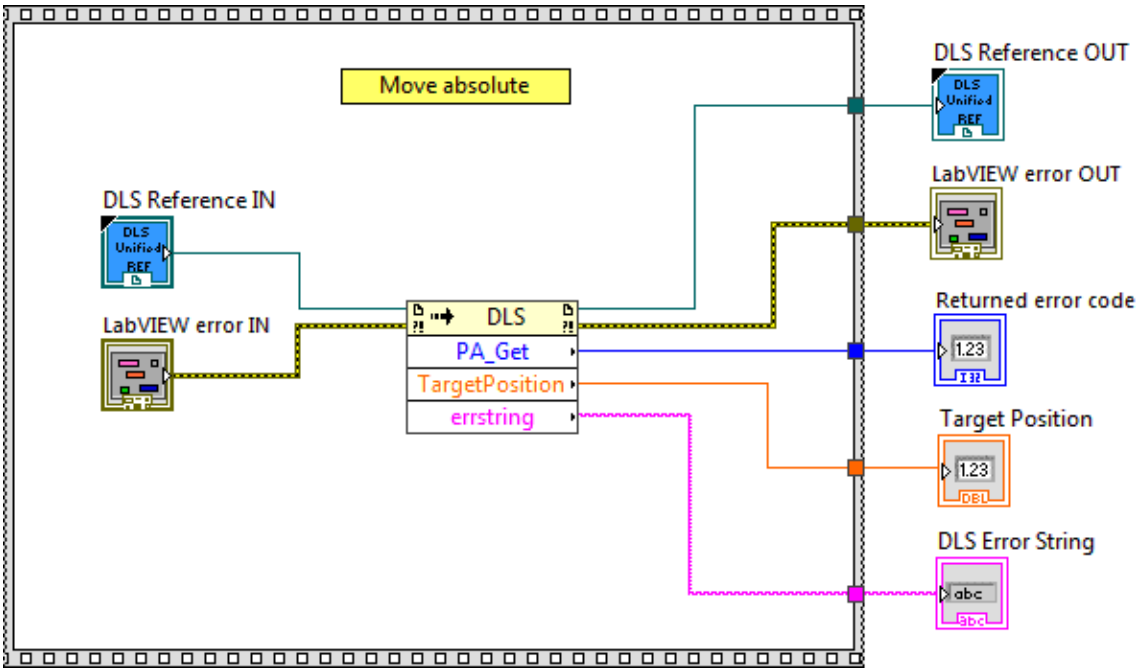
This function is used to Move absolute.

Connector Pane

LWDLS_PA_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Target Position Target position.

DLS Error String returns error string from VI.

2.145 PA_Set

Name

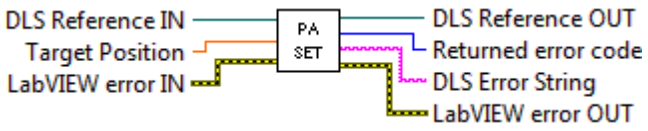
PA_Set – Moves absolute.

Description

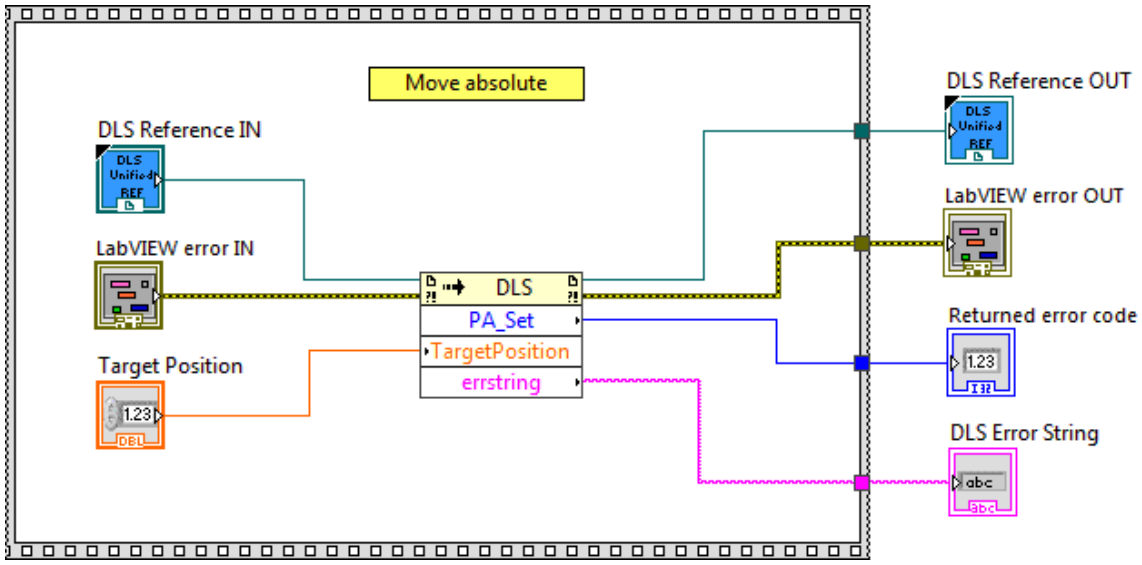
This function is used to Move absolute.

Connector Pane

LWDLS_PA_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Target Position Target position.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.146 PD

Name

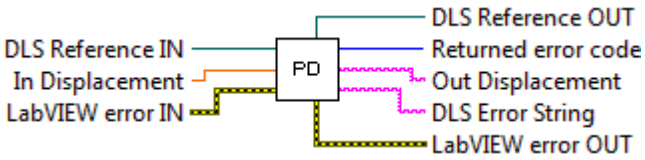
PD – Initiates a relative move.

Description

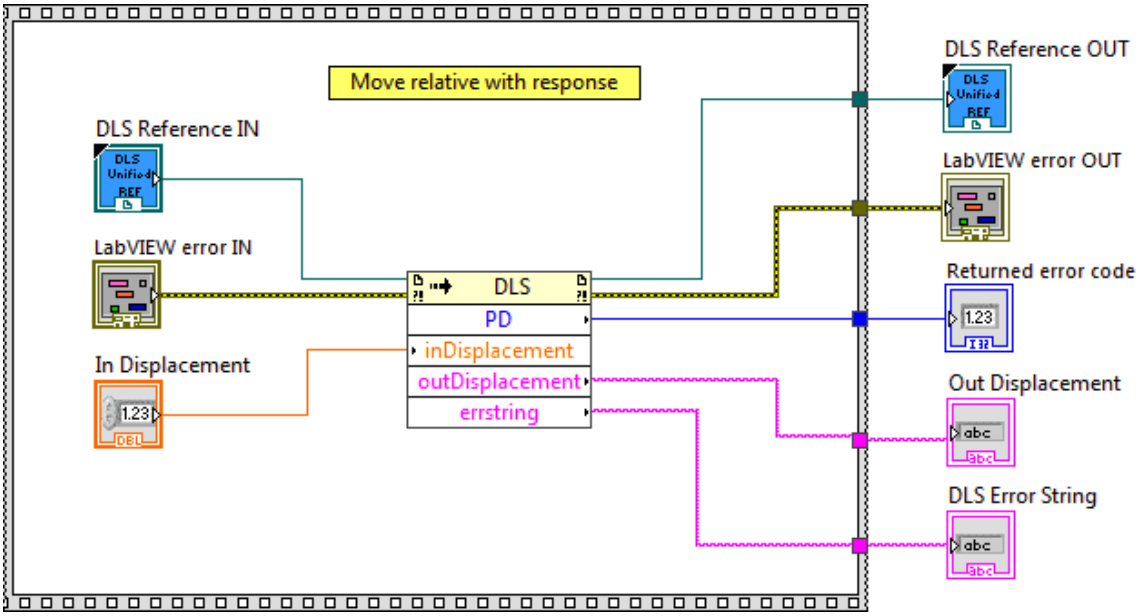
This function is used to initiate a relative move. When received, the positioner will move, with the predefined acceleration and velocity, to a new target position away from the current target position.

Connector Pane

LWDLS_PD.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

In Displacement In displacement.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Out Displacement Out displacement.

DLS Error String returns error string from VI.

2.147 PG_Get

Name

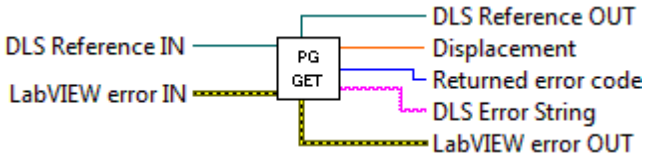
PG_Get – Gets triggered move distance.

Description

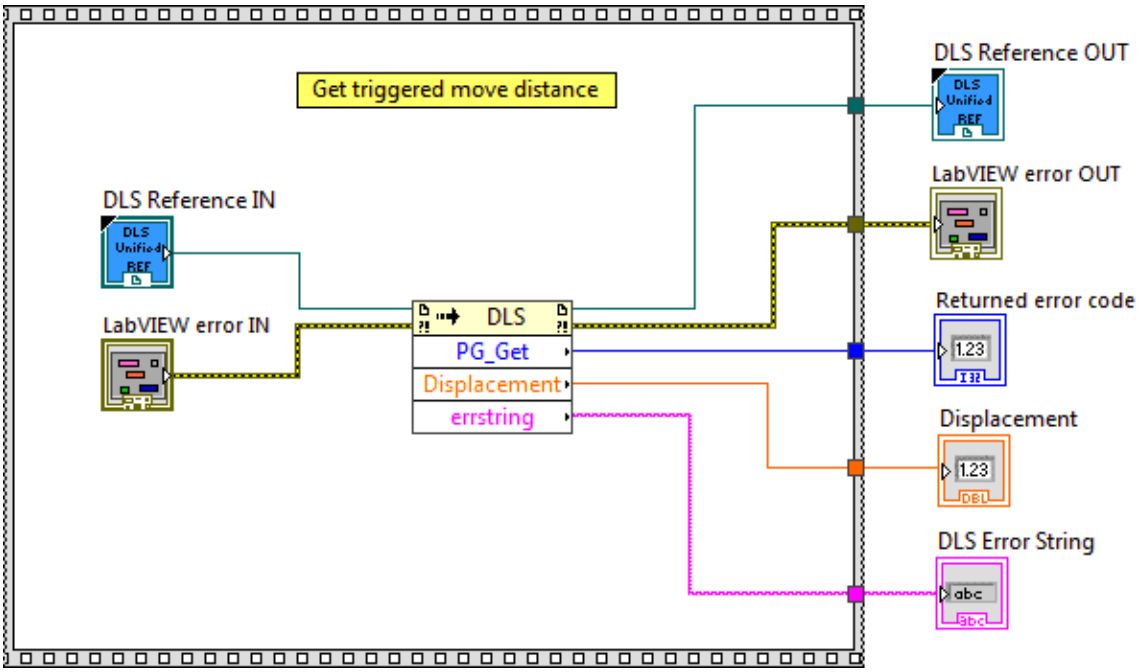
This function is used to get triggered move distance.

Connector Pane

LWDLS_PG_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Displacement is the displacement.

DLS Error String returns error string from VI.

2.148 PG_Set

Name

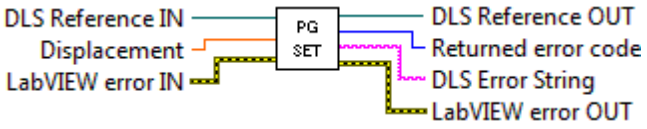
PG_Set – Sets triggered move distance.

Description

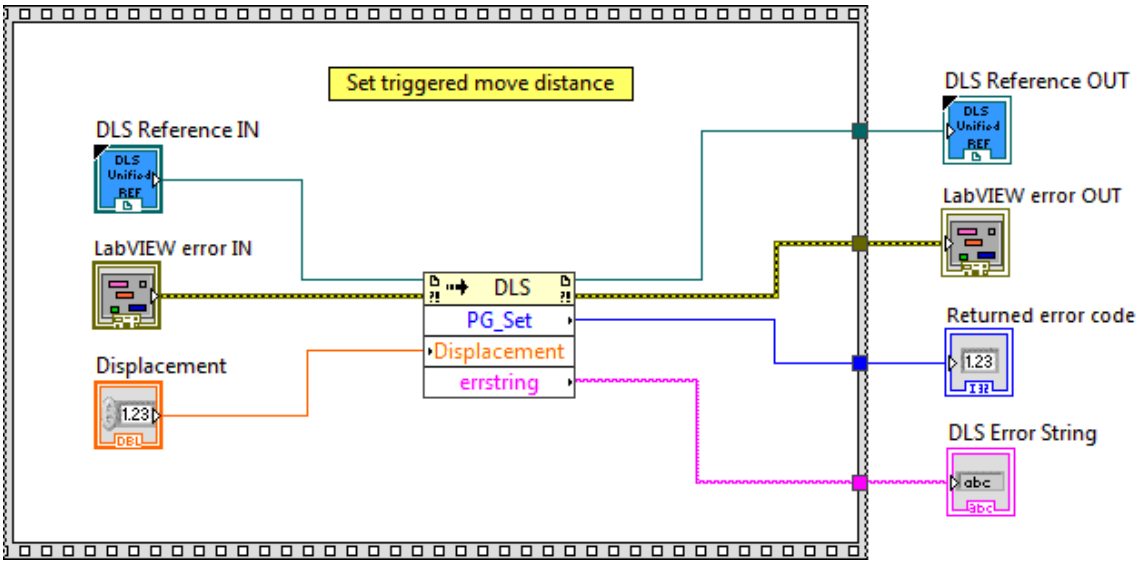
This function is used to set triggered move distance.

Connector Pane

LWDLS_PG_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Displacement is the displacement.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.149 PI_Get

Name

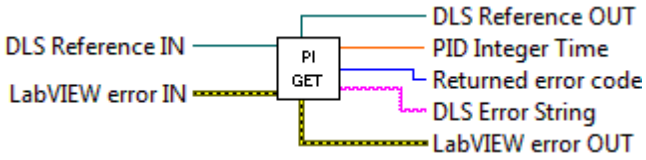
PI_Get – Gets PID Integration time.

Description

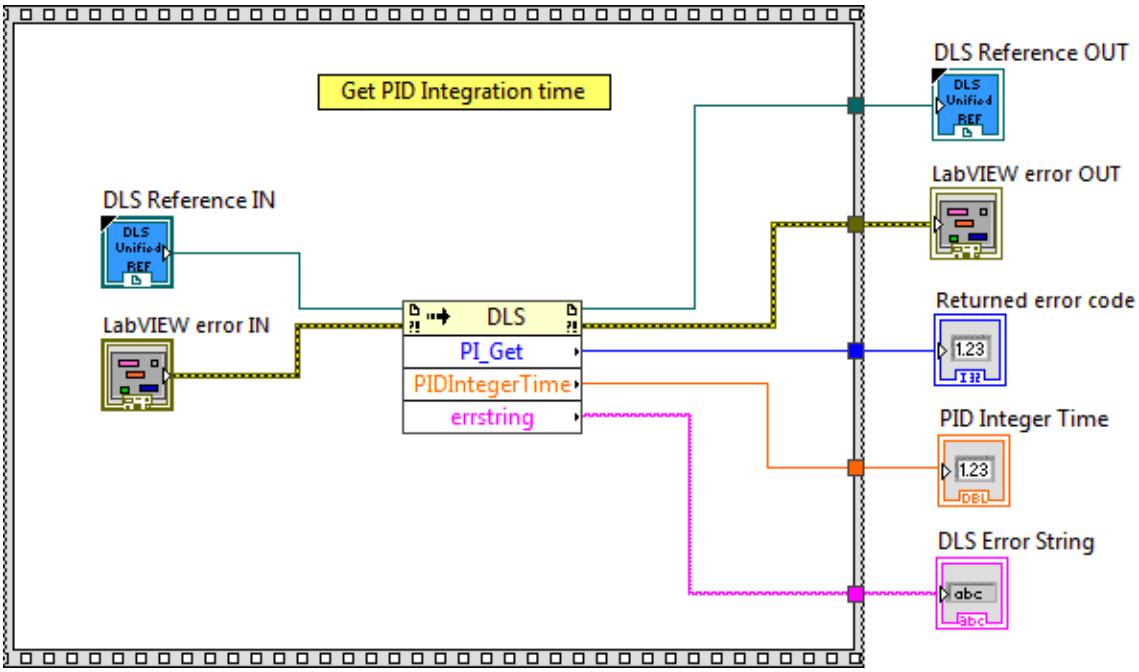
This function is used to get PID Integration time.

Connector Pane

LWDLS_PI_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

PID Integer Time is the PID integer time.

DLS Error String returns error string from VI.

2.150 PI_Set

Name

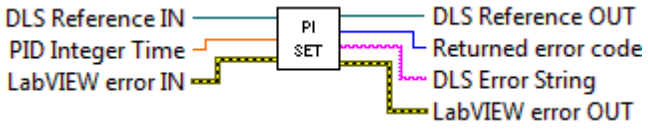
PI_Set – Sets PID Integration time.

Description

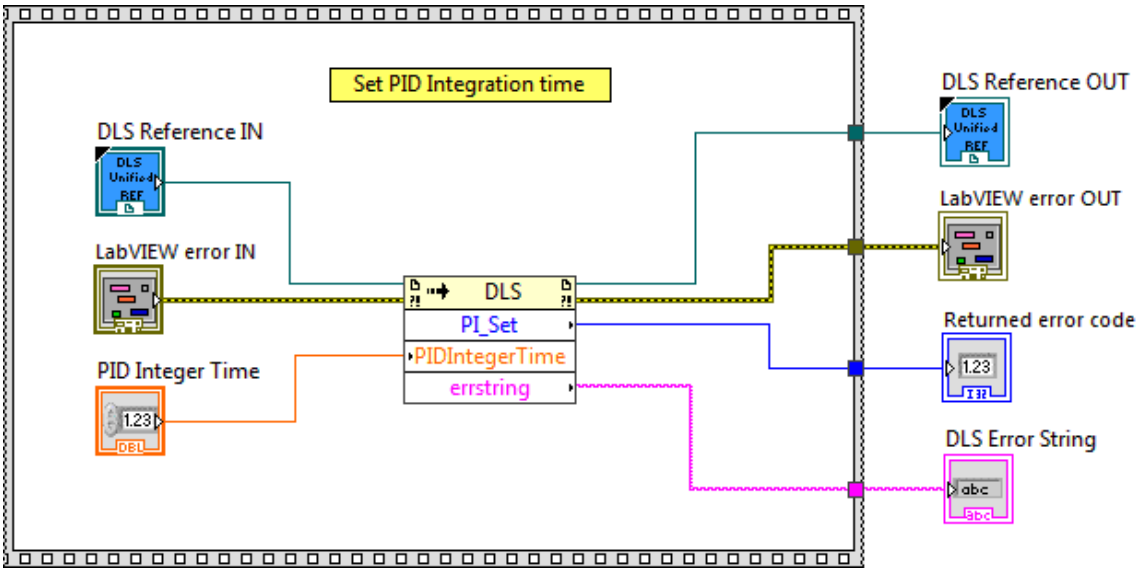
This function is used to set PID Integration time.

Connector Pane

LWDLS_PI_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

PID Integer Time is the PID integer time.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.151 PR_Get

Name

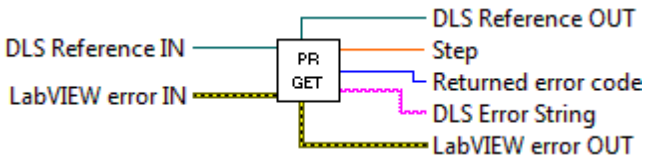
PR_Get – Moves relative.

Description

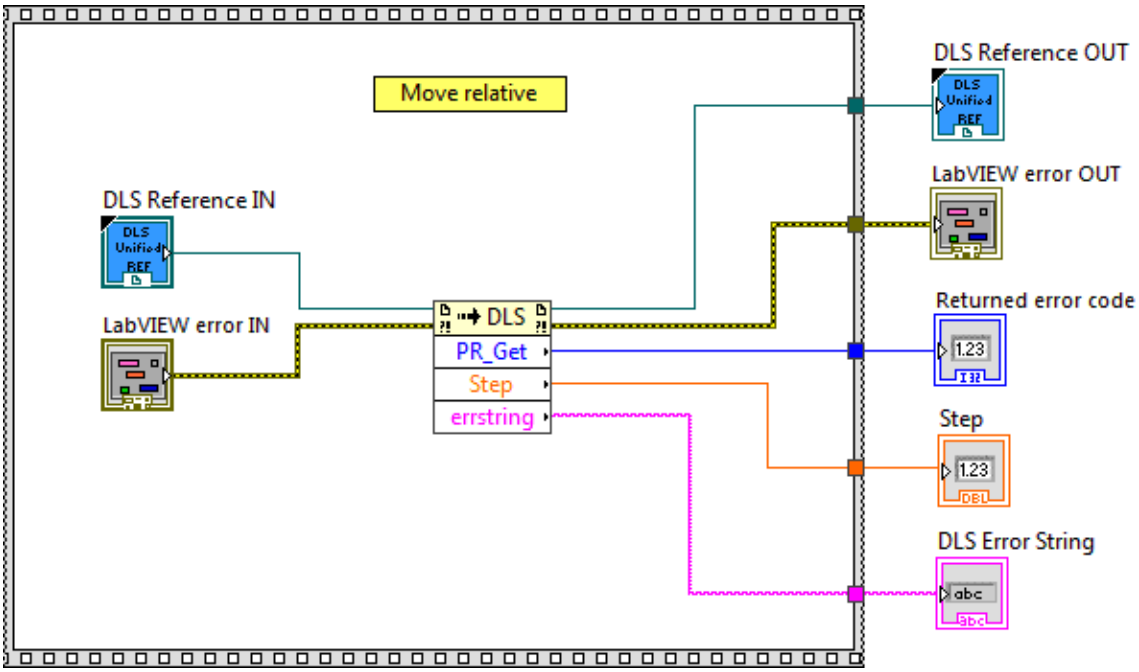
This function is used to Move relative.

Connector Pane

LWDLS_PR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Step is the step.

DLS Error String returns error string from VI.

2.152 PR_Set

Name

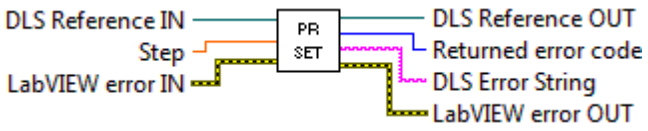
PR_Set – Moves relative.

Description

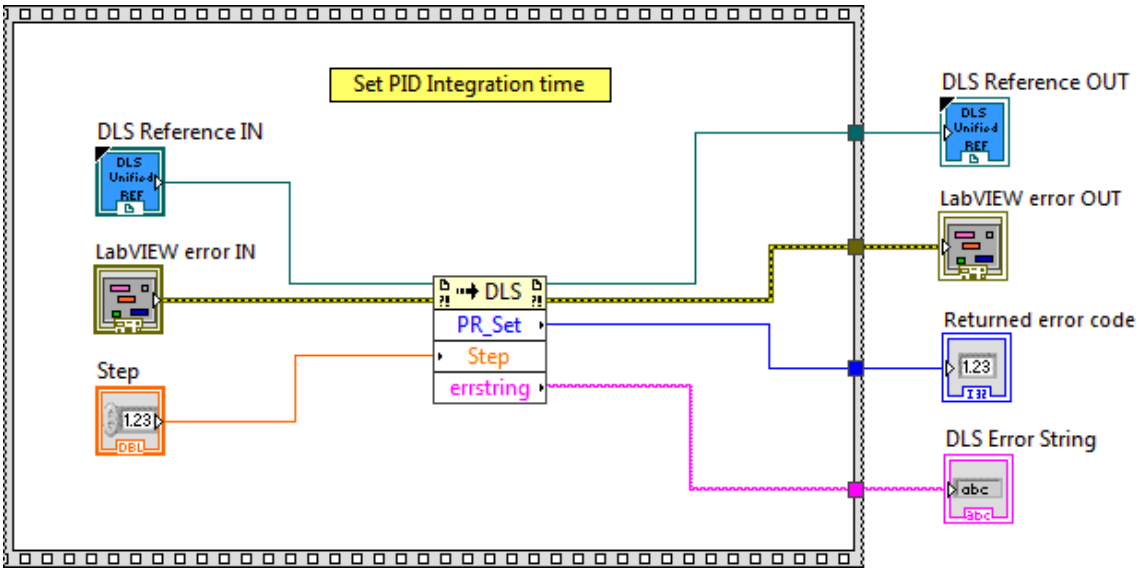
This function is used to Move relative.

Connector Pane

LWDLS_PR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Step is the step.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.153 PTA

Name

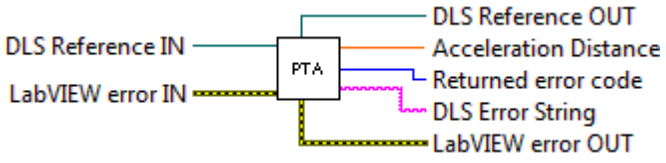
PTA – Gets acceleration distance.

Description

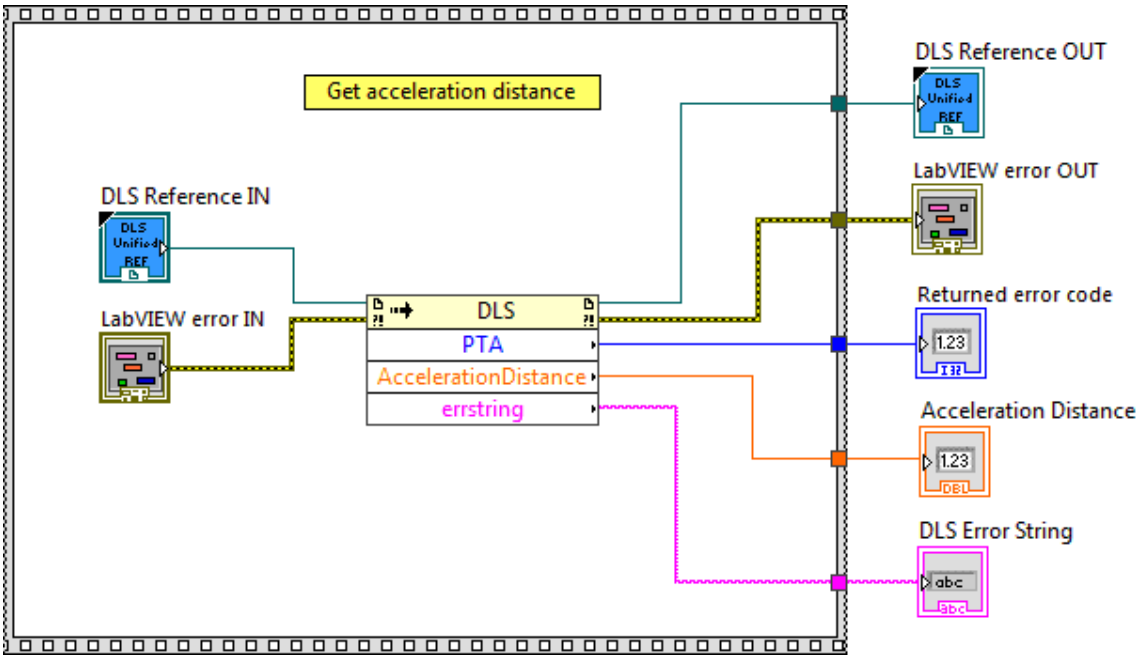
This function is used to get acceleration distance.

Connector Pane

LWDLS_PTA.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Acceleration Distance is the acceleration distance.

DLS Error String returns error string from VI.

2.154 PTT

Name

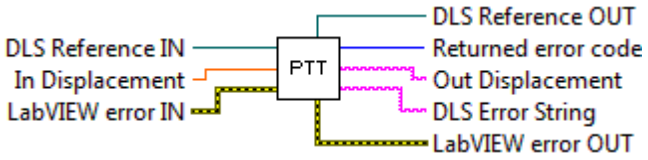
PTT – Gets acceleration distance.

Description

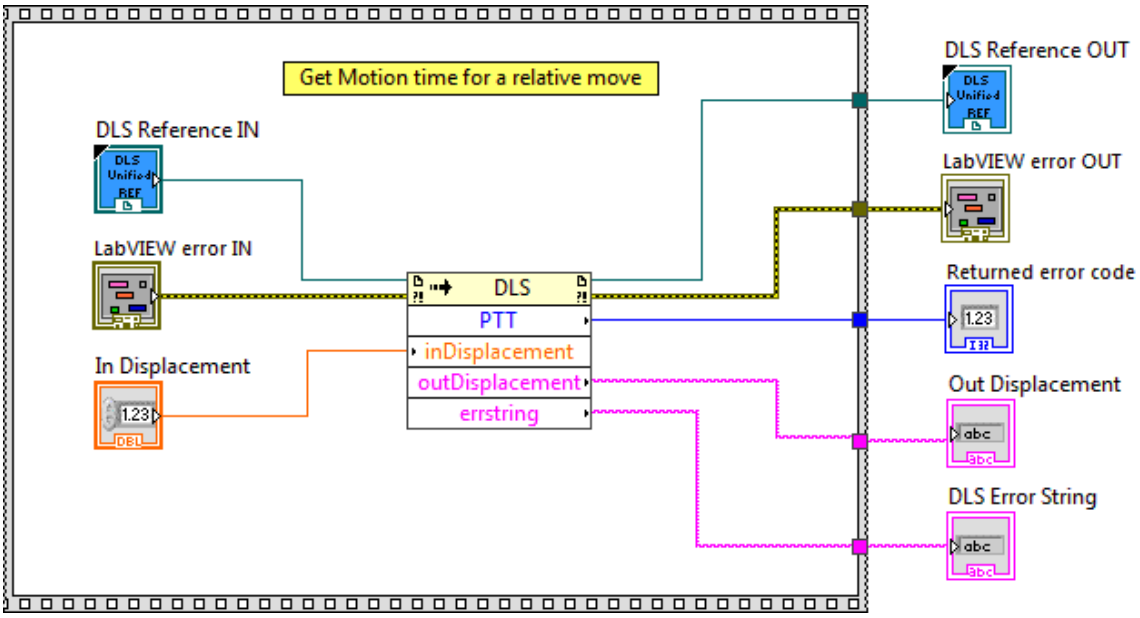
This function is used to get acceleration distance.

Connector Pane

LWDLS_PTT.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

In Displacement is the relative move value.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Out Displacement is the relative move value.

DLS Error String returns error string from VI.

2.155 PW_Get

Name

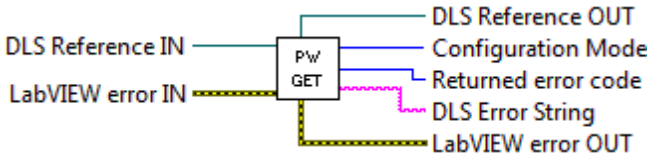
PW_Get – Enters/Leaves CONFIGURATION state.

Description

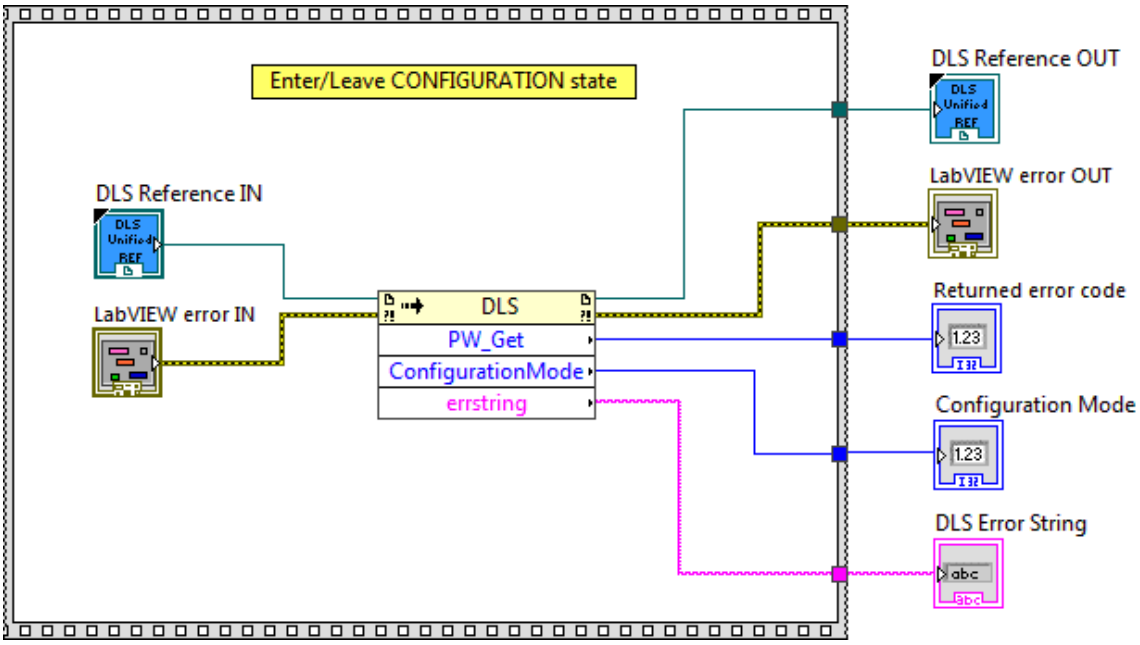
This function is used to Enter/Leave CONFIGURATION state.

Connector Pane

LWDLS_PW_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Configuration Mode Configuration mode.

DLS Error String returns error string from VI.

2.156 PW_Set

Name

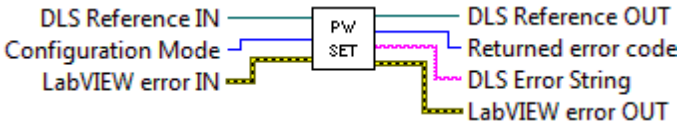
PW_Set – Enters/Leaves CONFIGURATION state.

Description

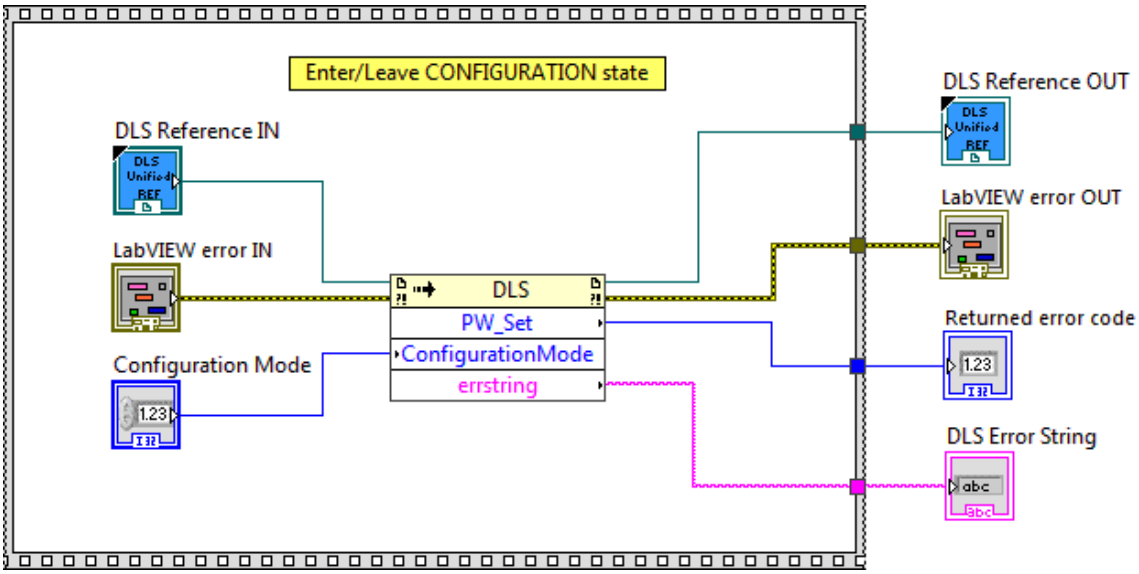
This function is used to Enter/Leave CONFIGURATION state.

Connector Pane

LWDLS_PW_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Configuration Mode Configuration mode.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.157 QCF_Get

Name

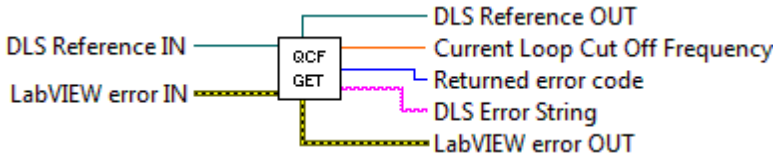
QCF_Get – Gets the current loop Cutoff frequency.

Description

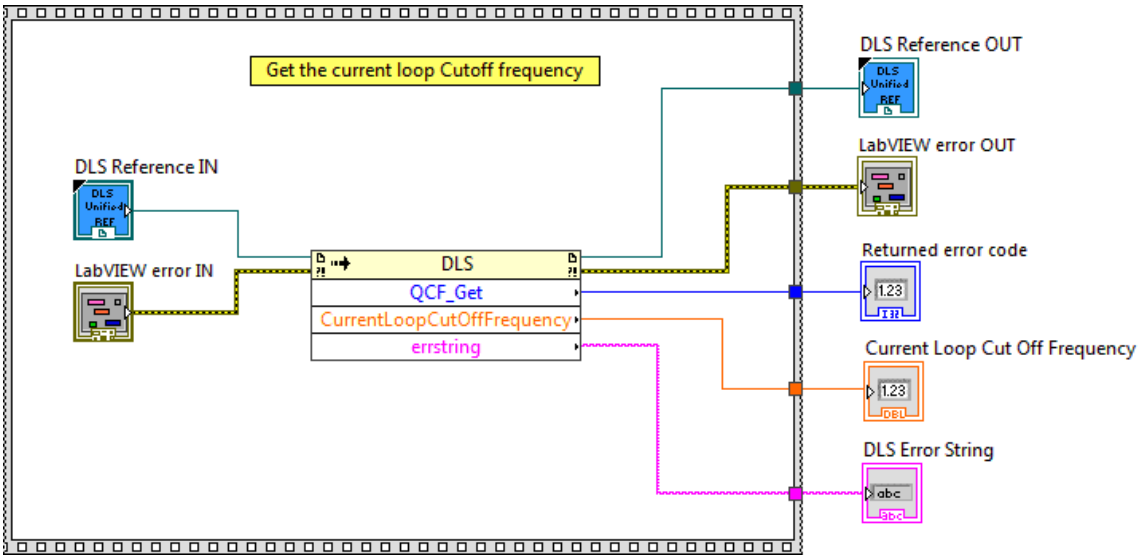
This function is used to get the current loop Cutoff frequency.

Connector Pane

LWDLS_QCF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Current Loop Cut Off is the frequency is the current loop cut off frequency.

DLS Error String returns error string from VI.

2.158 QCF_Set

Name

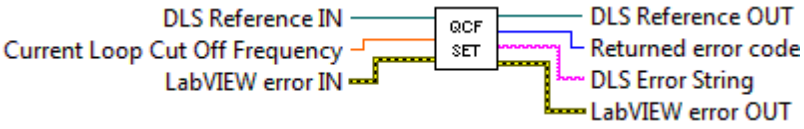
QCF_Set – Sets the current loop Cutoff frequency.

Description

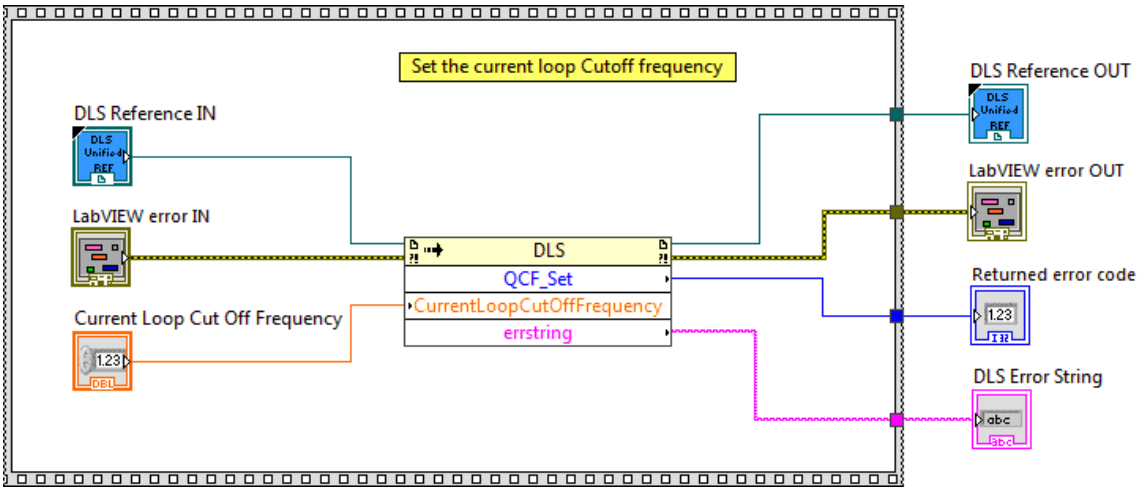
This function is used to set the current loop Cutoff frequency.

Connector Pane

LWDLS_QCF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Current Loop Cut Off is the frequency is the current loop cut off frequency.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.159 QCL_Get

Name

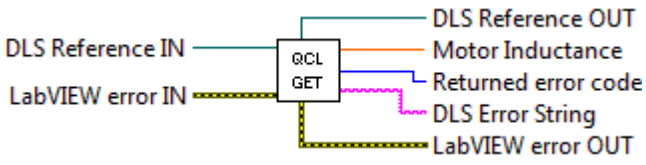
QCL_Get – Gets the motors Inductance.

Description

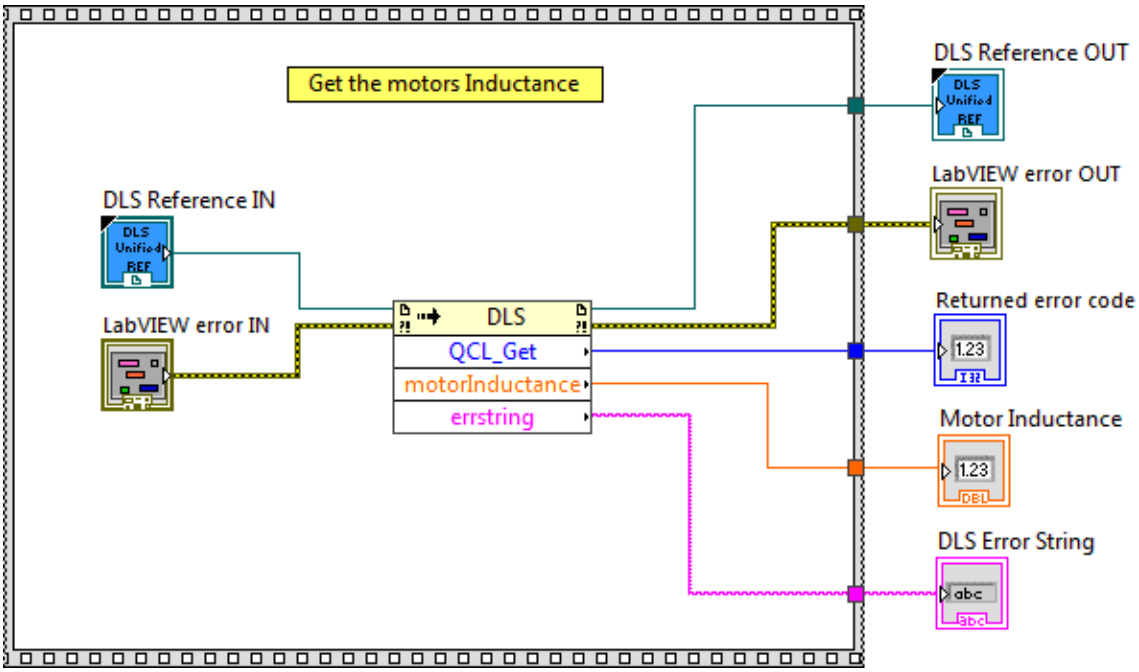
This function is used to get the motors Inductance.

Connector Pane

LWDLS_QCL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motor Inductance Motor inductance.

DLS Error String returns error string from VI.

2.160 QCL_Set

Name

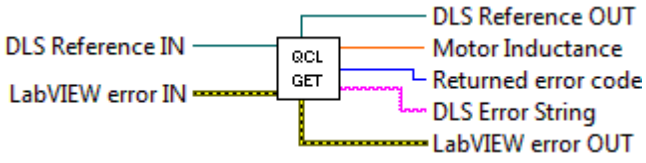
QCL_Set – Sets the motors Inductance.

Description

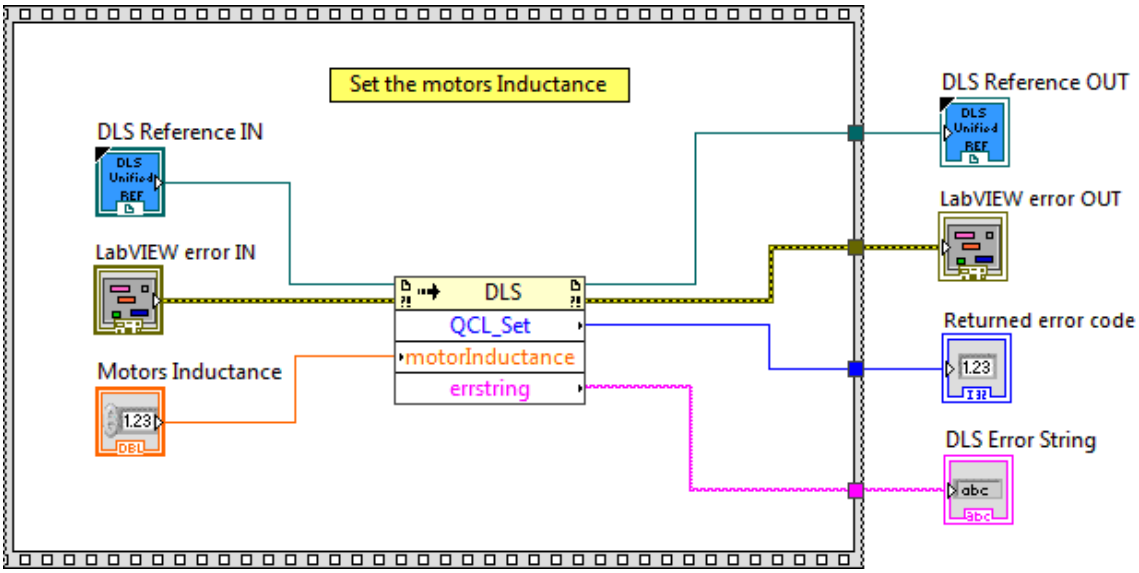
This function is used to set the motors Inductance.

Connector Pane

LWDLS_QCL_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motor Inductance Motor inductance.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.161 QCR_Get

Name

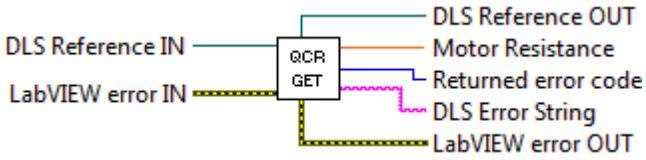
QCR_Get – Gets the motors resistance.

Description

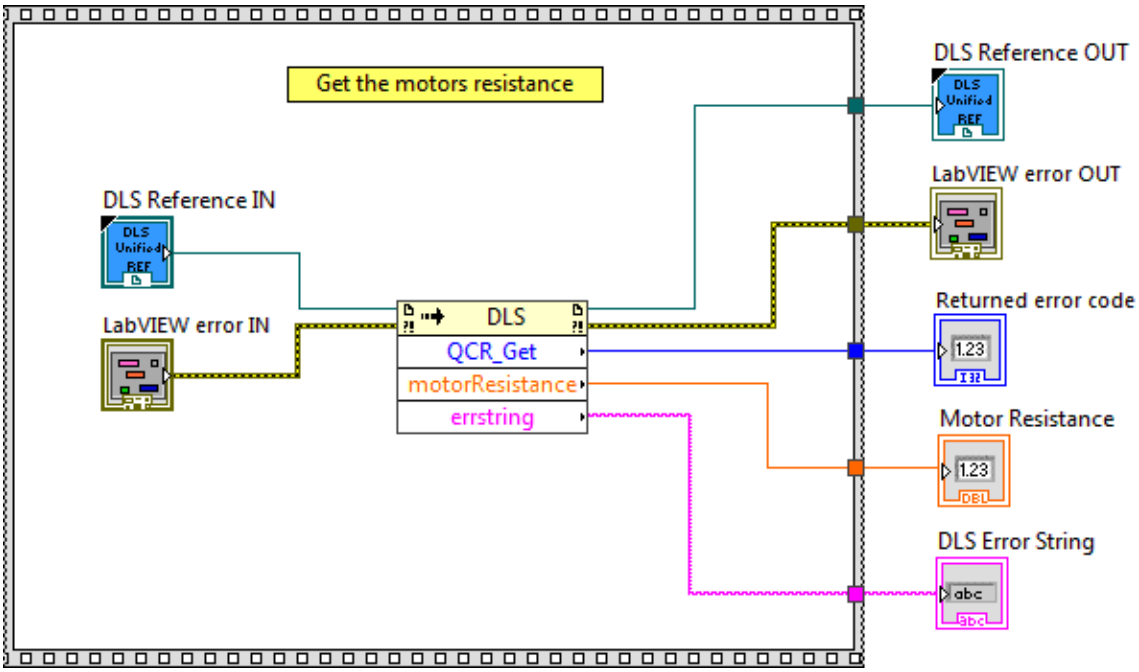
This function is used to get the motors resistance.

Connector Pane

LWDLS_QCR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motor Resistance Motor resistance.

DLS Error String returns error string from VI.

2.162 QCR_Set

Name

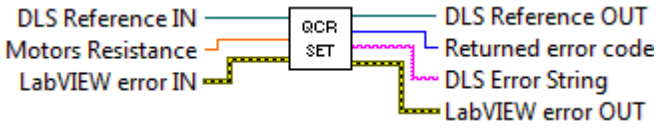
QCR_Set – Sets the motors resistance.

Description

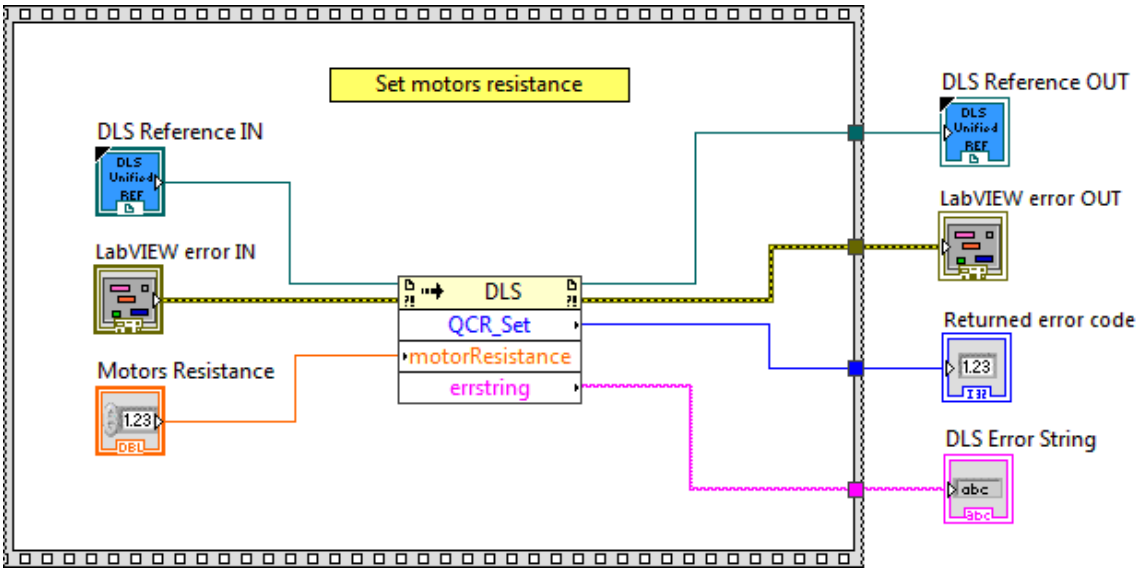
This function is used to set the motors resistance.

Connector Pane

LWDLS_QCR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motor Resistance Motor resistance.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.163 QIL_Get

Name

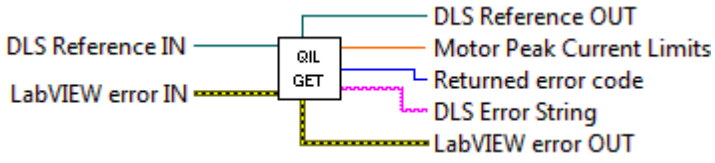
QIL_Get – Gets motors peak current limits.

Description

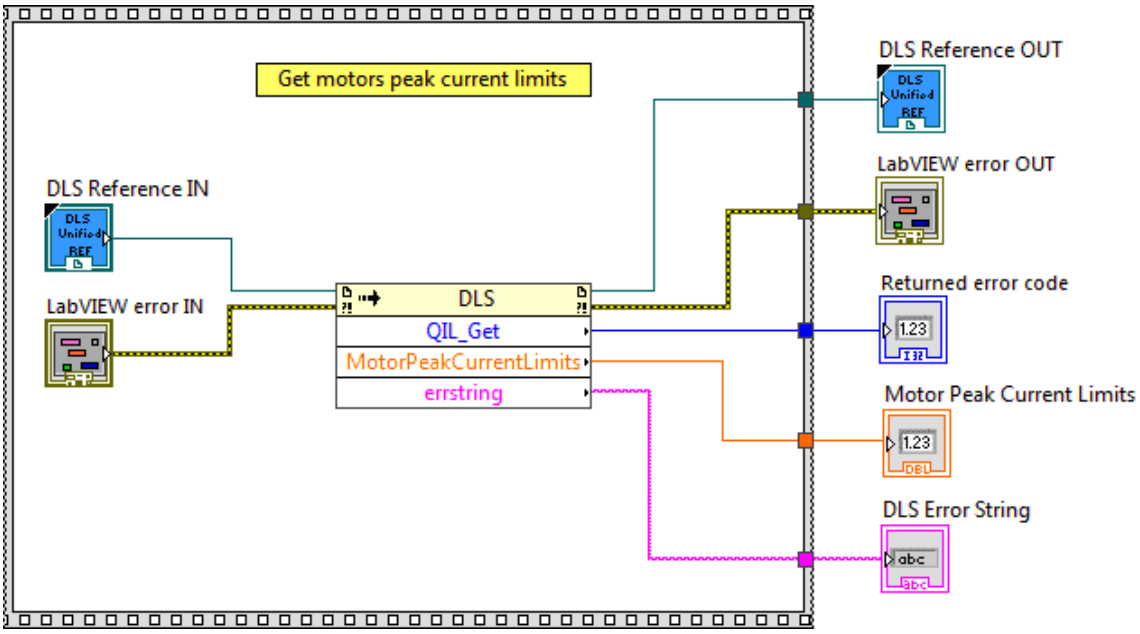
This function is used to get motors peak current limits.

Connector Pane

LWDLS_QIL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motor Peak Current Limits are the motor peak current limits.

DLS Error String returns error string from VI.

2.164 QIL_Set

Name

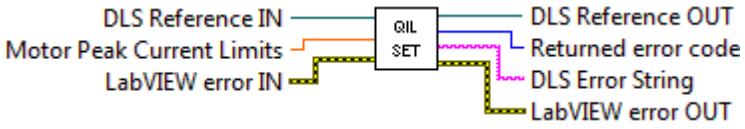
QIL_Set – Sets motors peak current limits.

Description

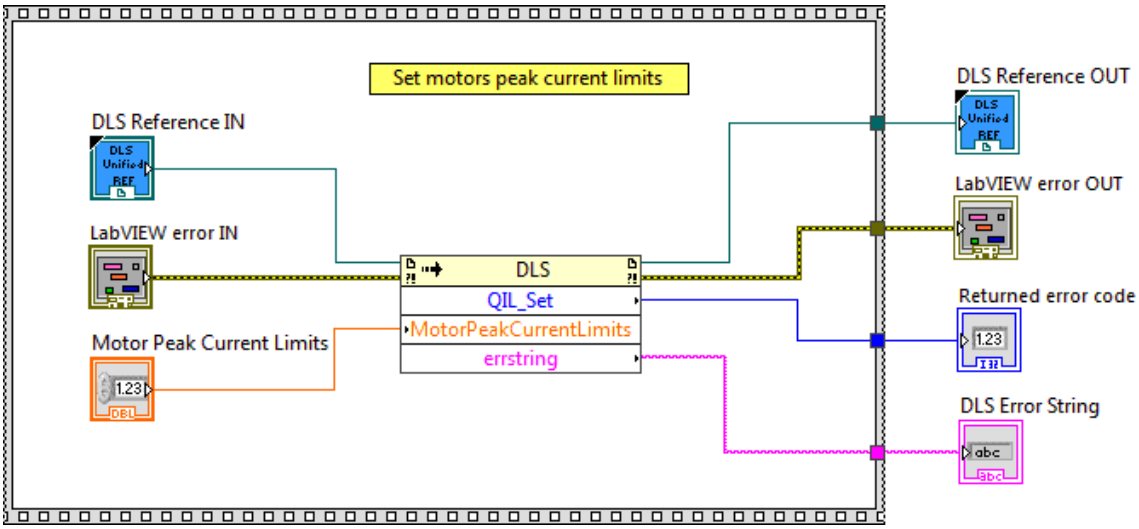
This function is used to set motors peak current limits.

Connector Pane

LWDLS_QIL_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motor Peak Current Limits are the motor peak current limits.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.165 QIR_Get

Name

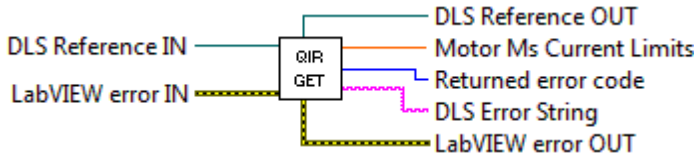
QIR_Get – Gets motors ms current limits.

Description

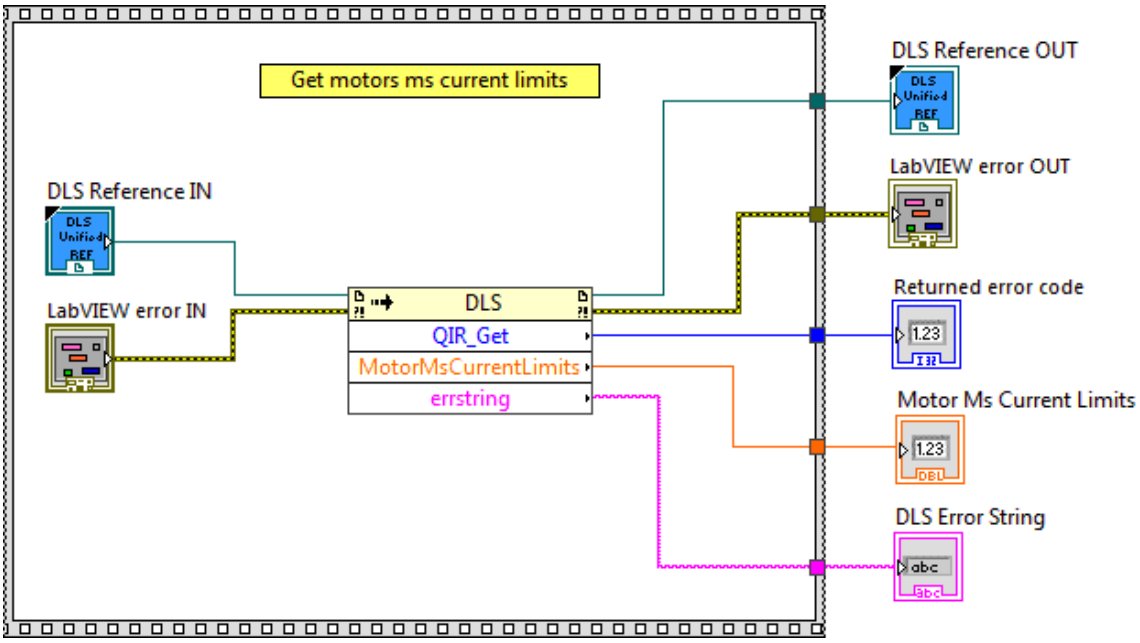
This function is used to get motors ms current limits.

Connector Pane

LWDLS_QIR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motor Ms Current Limits are the motor ms current limits.

DLS Error String returns error string from VI.

2.166 QIR_Set

Name

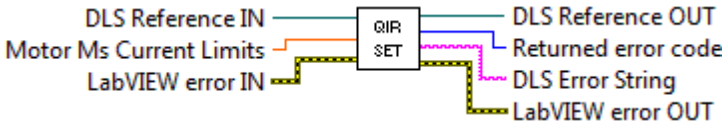
QIR_Set – Sets motors ms current limits.

Description

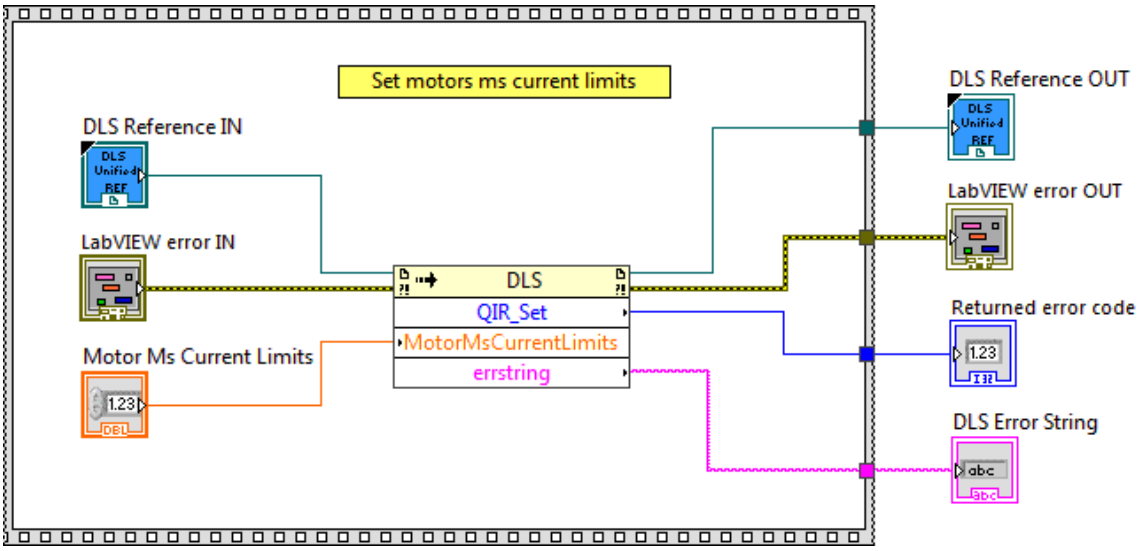
This function is used to set motors ms current limits.

Connector Pane

LWDLS_QIR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motor Ms Current Limits is the motor ms current limits.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.167 QIT_Get

Name

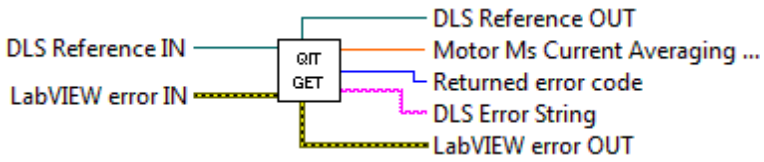
QIT_Get – Gets motors ms current averaging time.

Description

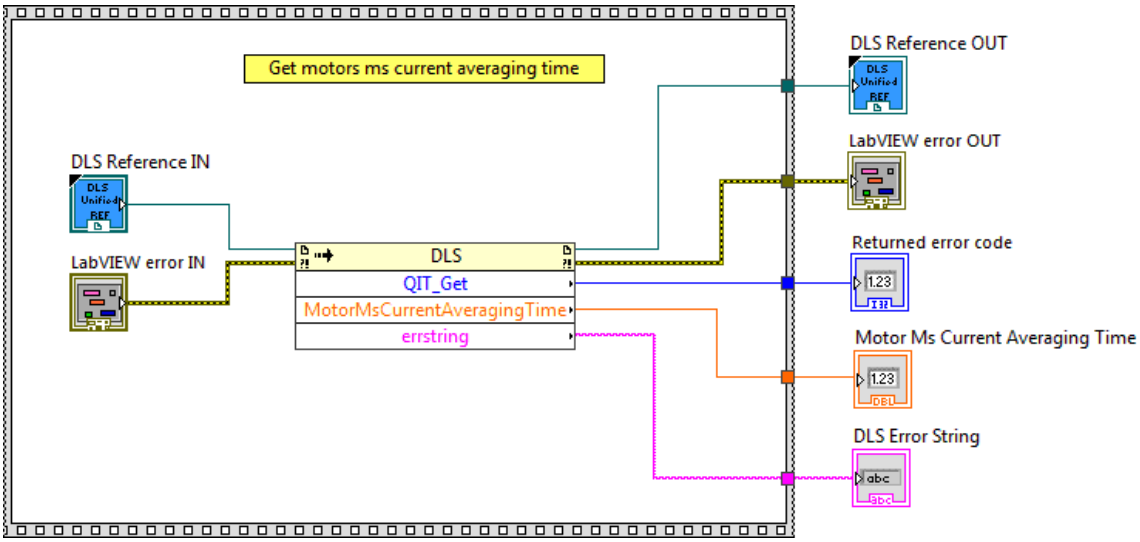
This function is used to get motors ms current averaging time.

Connector Pane

LWDLS_QIT_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Motor Ms Current Averaging Time is the motor ms current averaging time.

DLS Error String returns error string from VI.

2.168 QIT_Set

Name

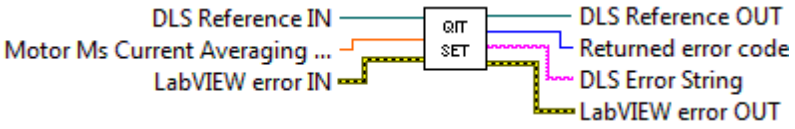
QIT_Set – Sets motors ms current averaging time.

Description

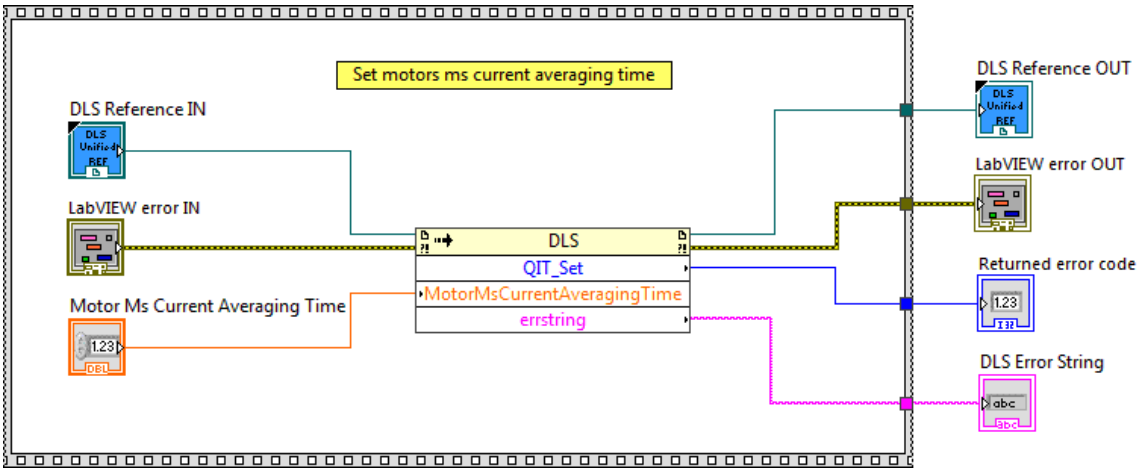
This function is used to set motors ms current averaging time.

Connector Pane

LWDLS_QIT_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Motor Ms Current Averaging Time is the motor ms current averaging time.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.169 RAA

Name

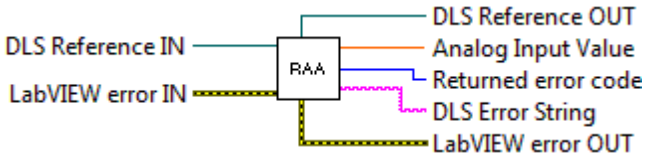
RAA– Gets analog input value.

Description

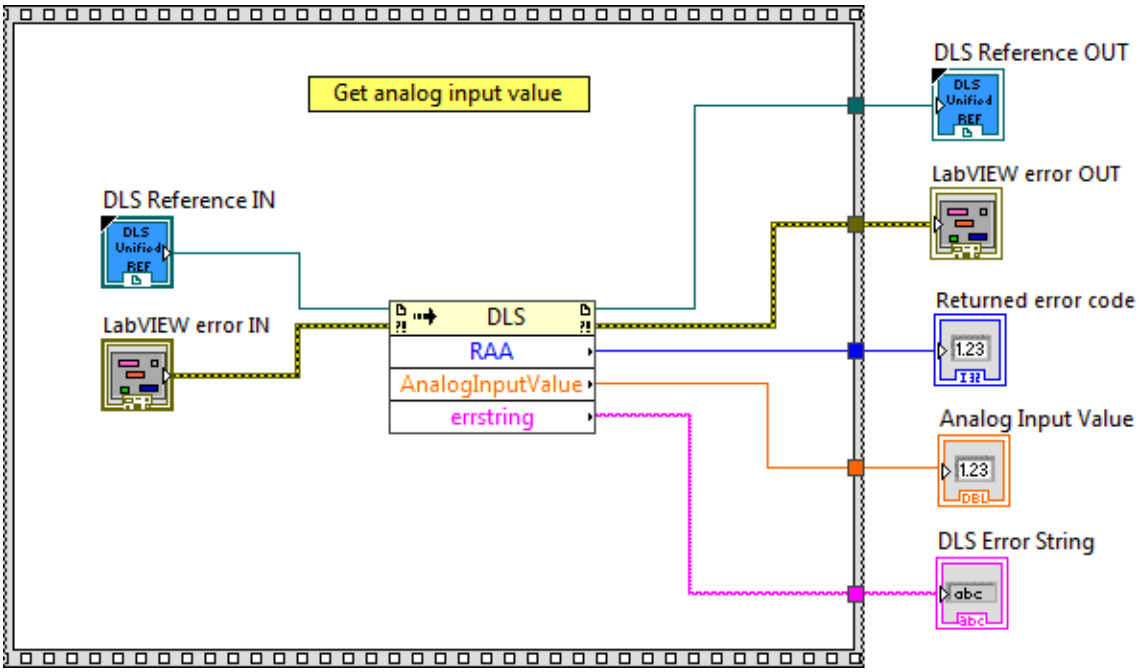
This function is used to get analog input value.

Connector Pane

LWDLS_RAA.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Analog Input Value is the analog input value.

DLS Error String returns error string from VI.

2.170 RAB

Name

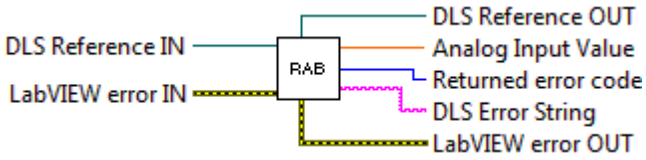
RAB– Gets analog input value.

Description

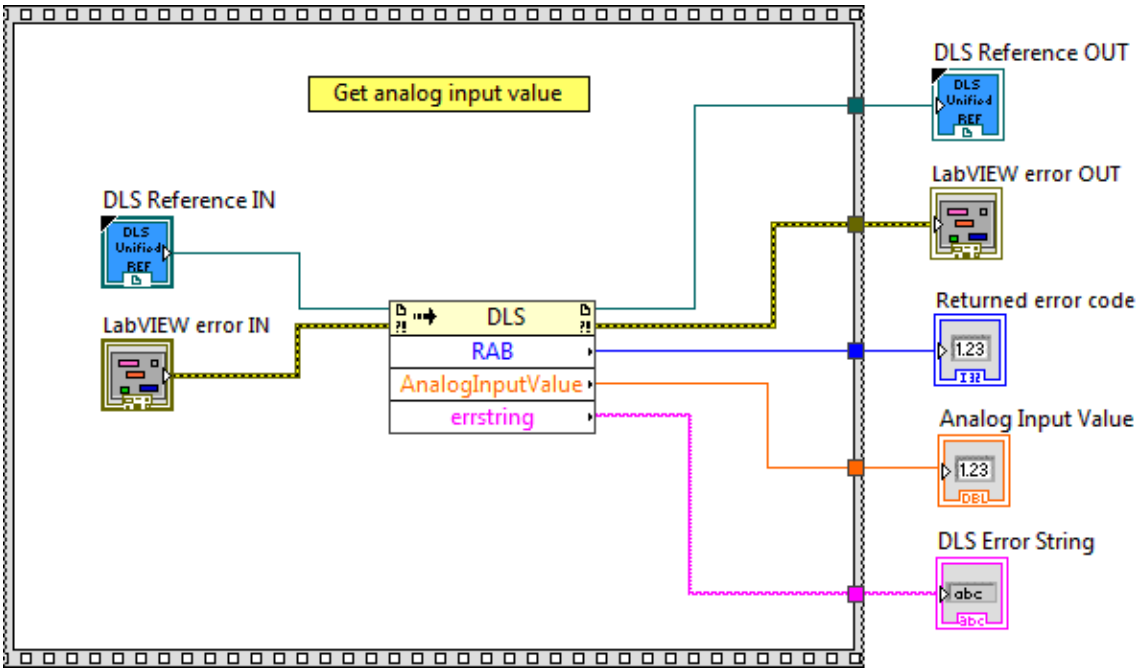
This function is used to get analog input value.

Connector Pane

LWDLS_RAB.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Analog Input Value is the analog input value.

DLS Error String returns error string from VI.

2.171 RF_Get

Name

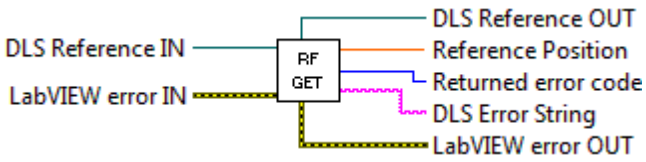
RF_Get – Gets the reference position.

Description

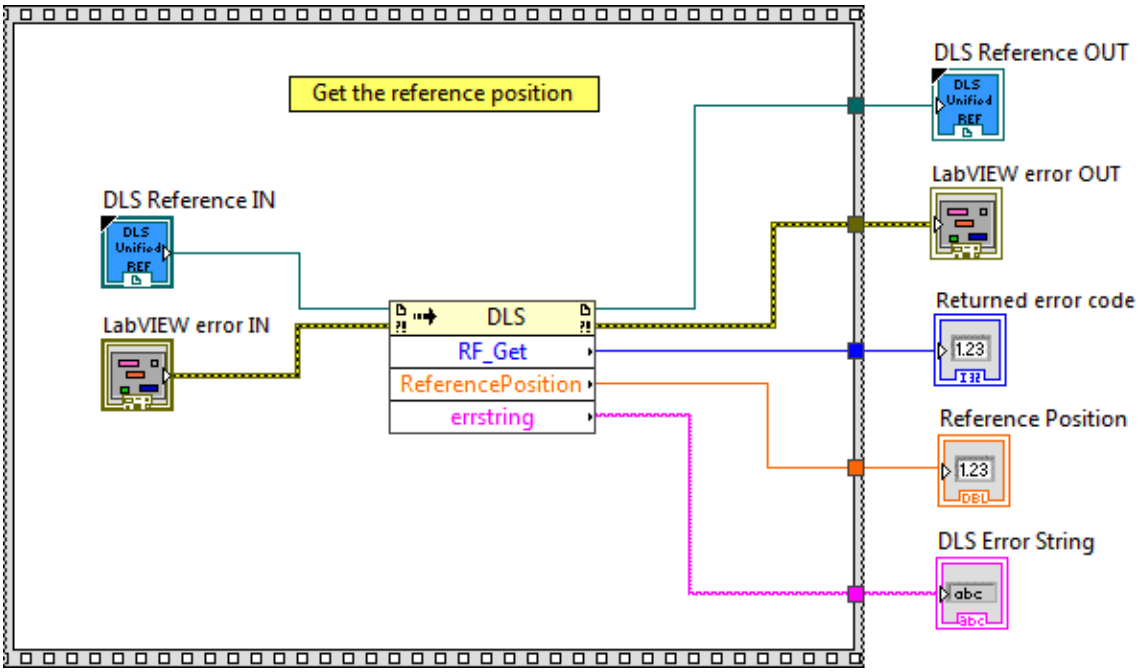
This function is used to get the reference position.

Connector Pane

LWDLS_RF_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Reference Position is the reference position.

DLS Error String returns error string from VI.

2.172 RF_Set

Name

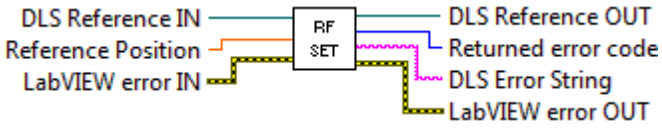
RF_Set – Sets the reference position.

Description

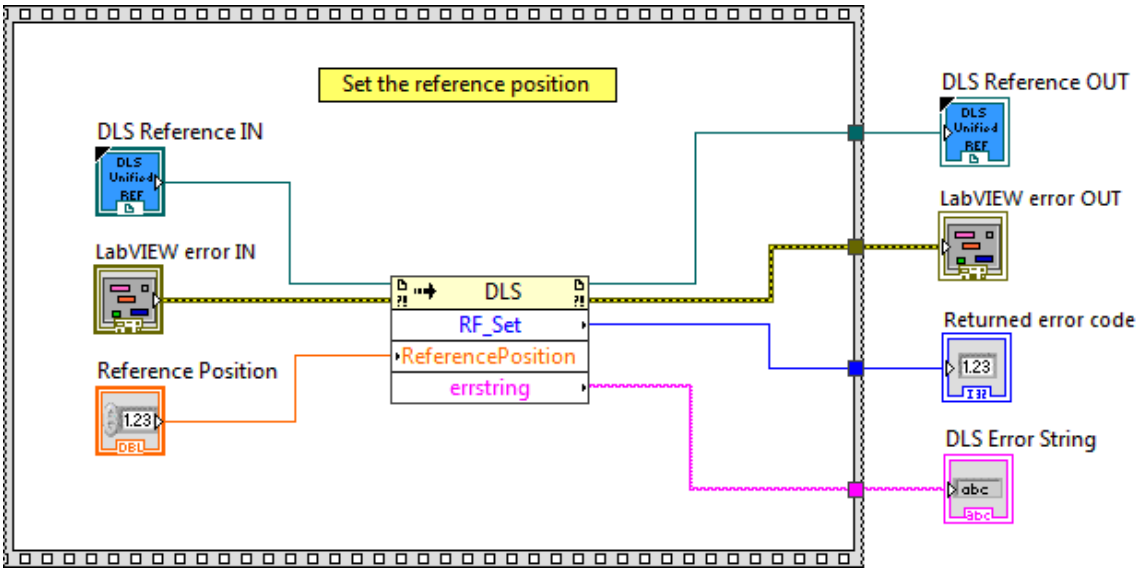
This function is used to set the reference position.

Connector Pane

LWDLS_RF_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Reference Position is the reference position.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.173 RS

Name

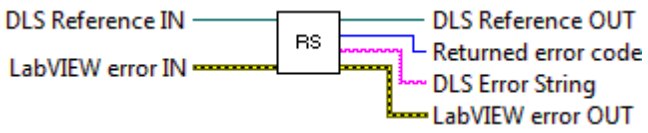
RS – Reset controller.

Description

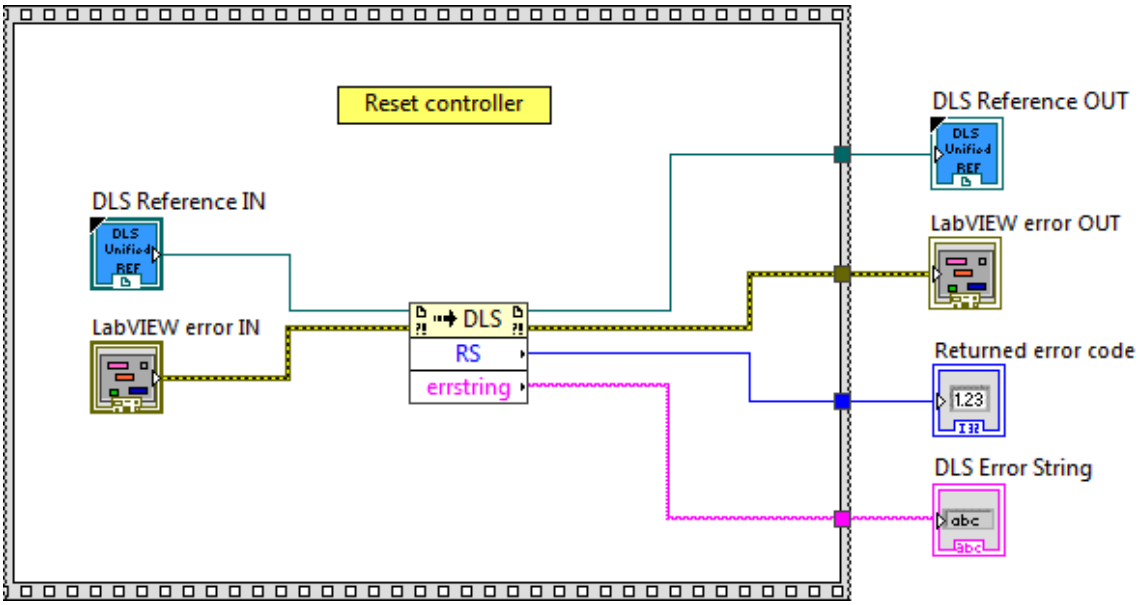
This function is used to reset controller.

Connector Pane

LWDLS_RS.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.174 SC_Get

Name

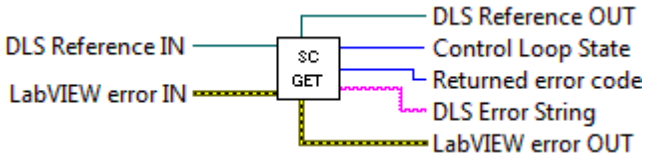
SC_Get – Gets control loop state.

Description

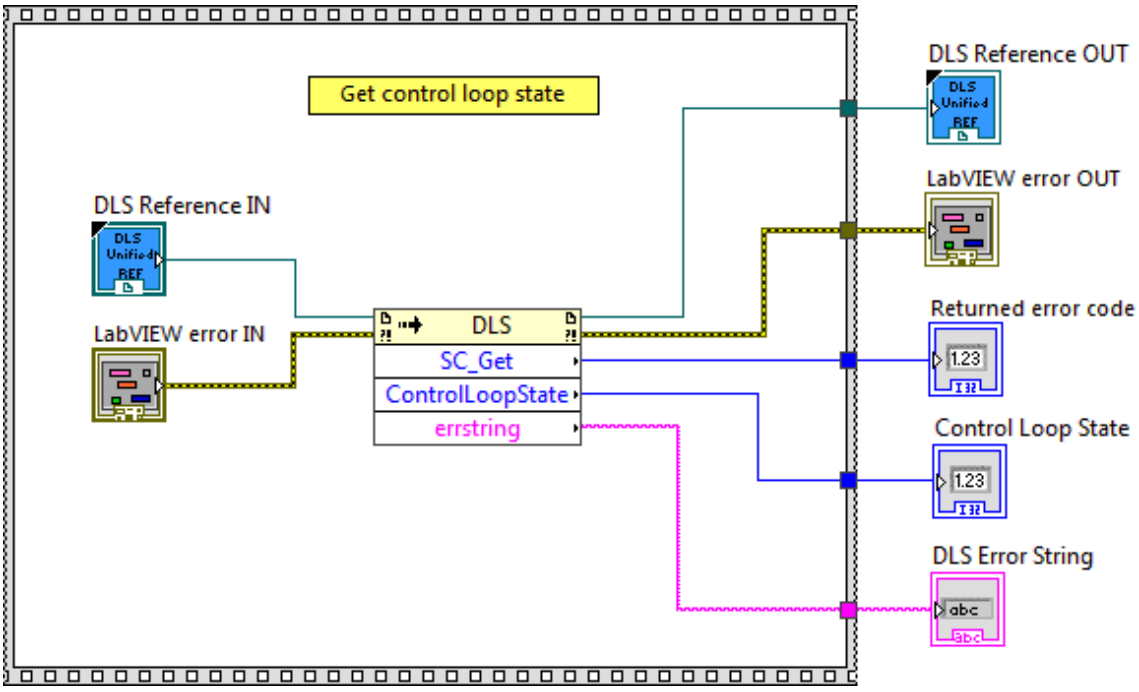
This function is used to get control loop state.

Connector Pane

LWDLS_SC_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Control Loop State is the control loop state.

DLS Error String returns error string from VI.

2.175 SC_Set

Name

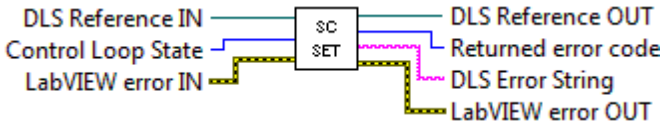
SC_Set – Sets control loop state.

Description

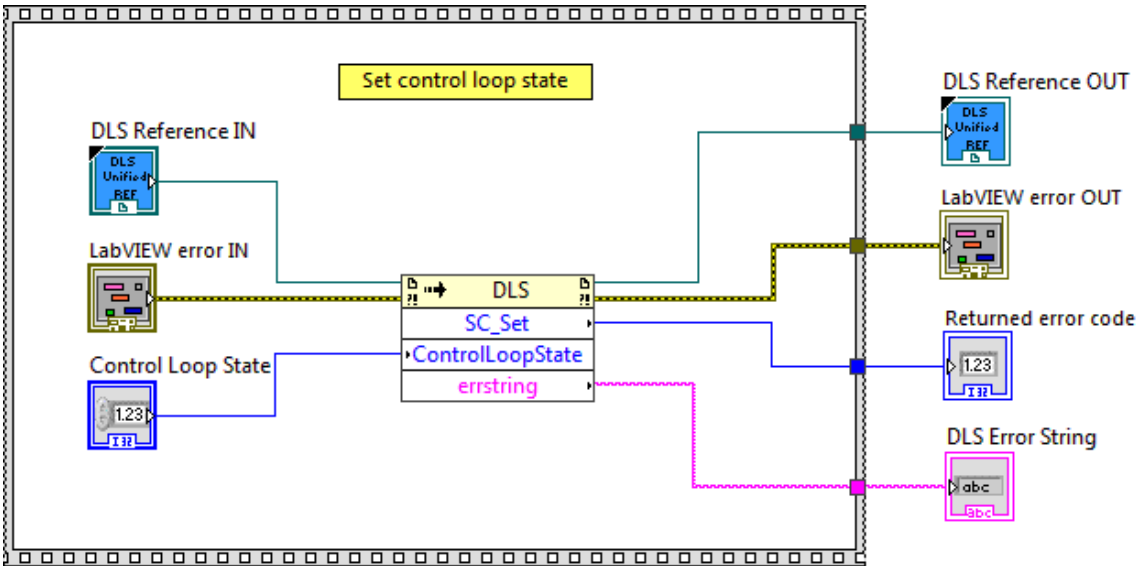
This function is used to set control loop state.

Connector Pane

LWDLS_SC_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Control Loop State is the control loop state.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.176 SL_Get

Name

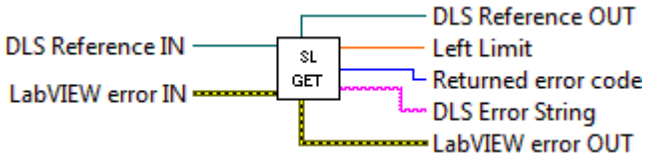
SL_Get – Gets negative software limit.

Description

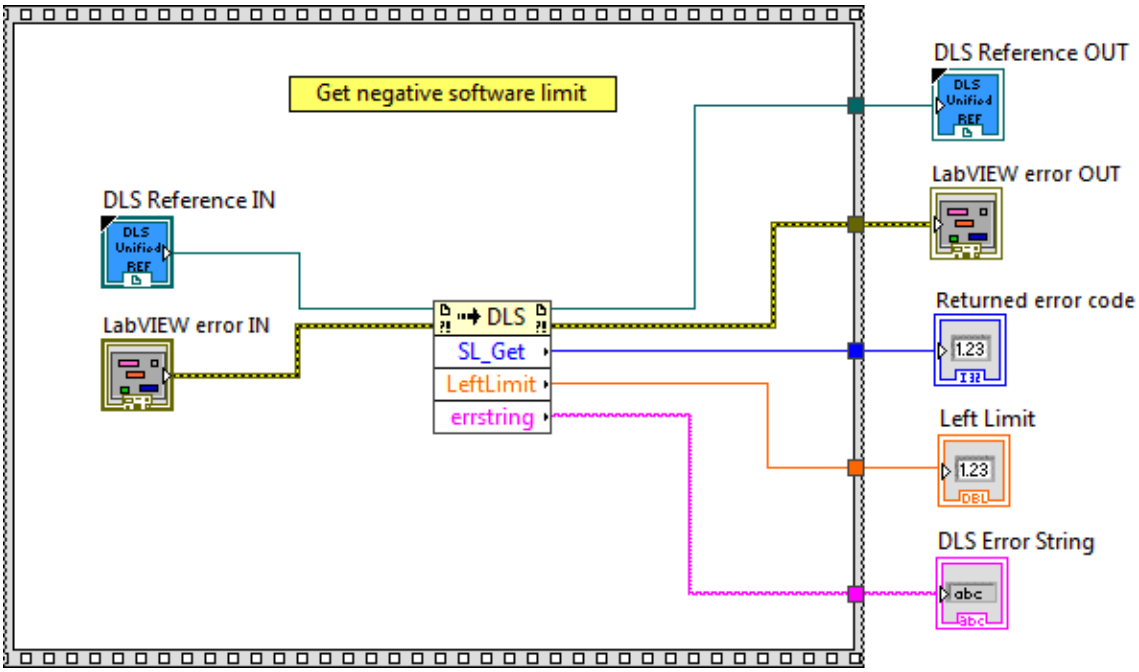
This function is used to get negative software limit.

Connector Pane

LWDLS_SL_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Left Limit is the left limit.

DLS Error String returns error string from VI.

2.177 SL_Set

Name

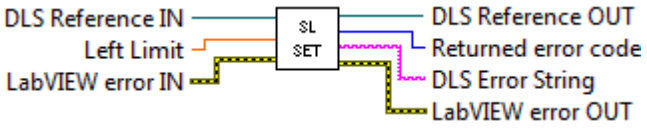
SL_Set – Sets negative software limit.

Description

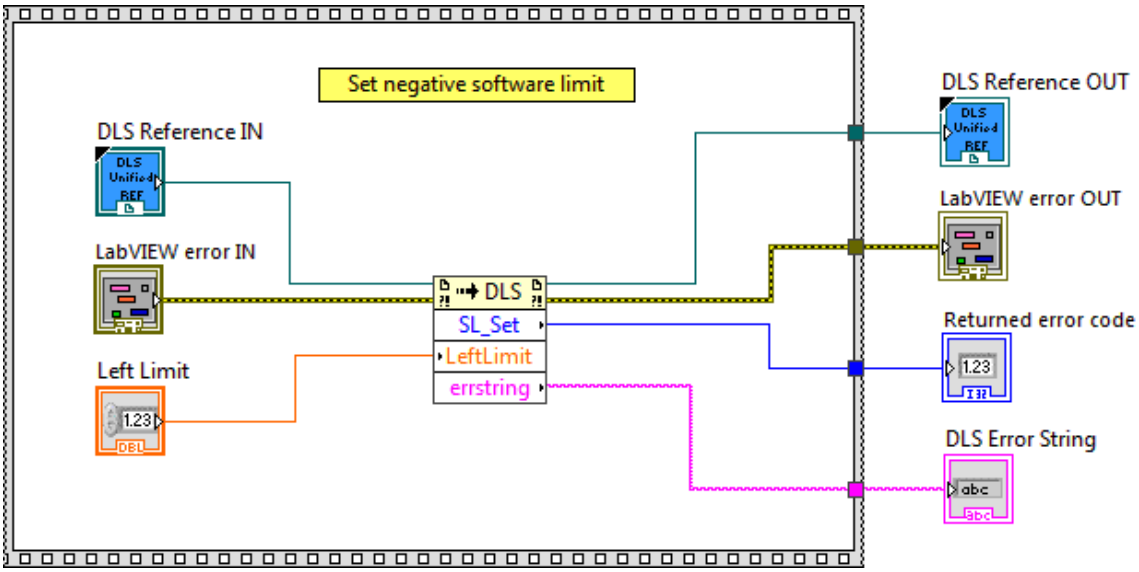
This function is used to set negative software limit.

Connector Pane

LWDLS_SL_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Left Limit is the left limit.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.178 SN_Get

Name

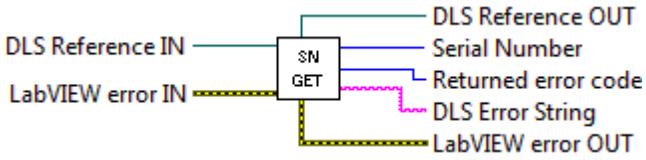
SN_Get – Gets serial number.

Description

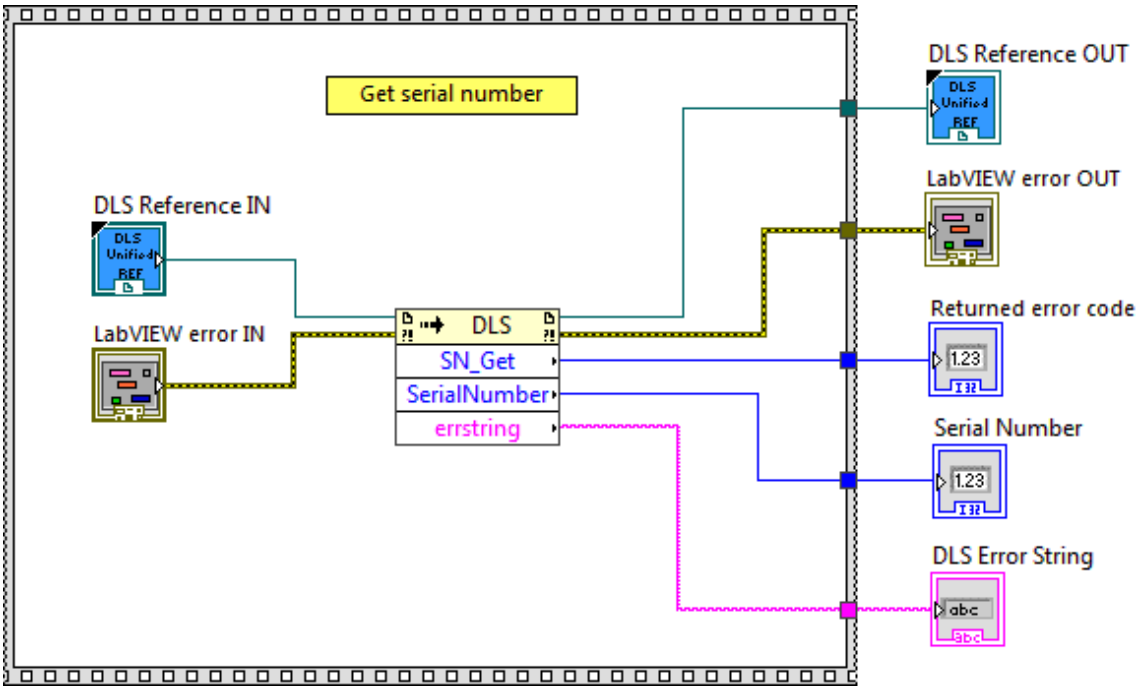
This function is used to get serial number.

Connector Pane

LWDLS_SN_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Serial Number is the serial number.

DLS Error String returns error string from VI.

2.179 SN_Set

Name

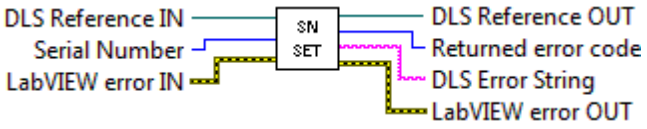
SN_Set – Sets serial number.

Description

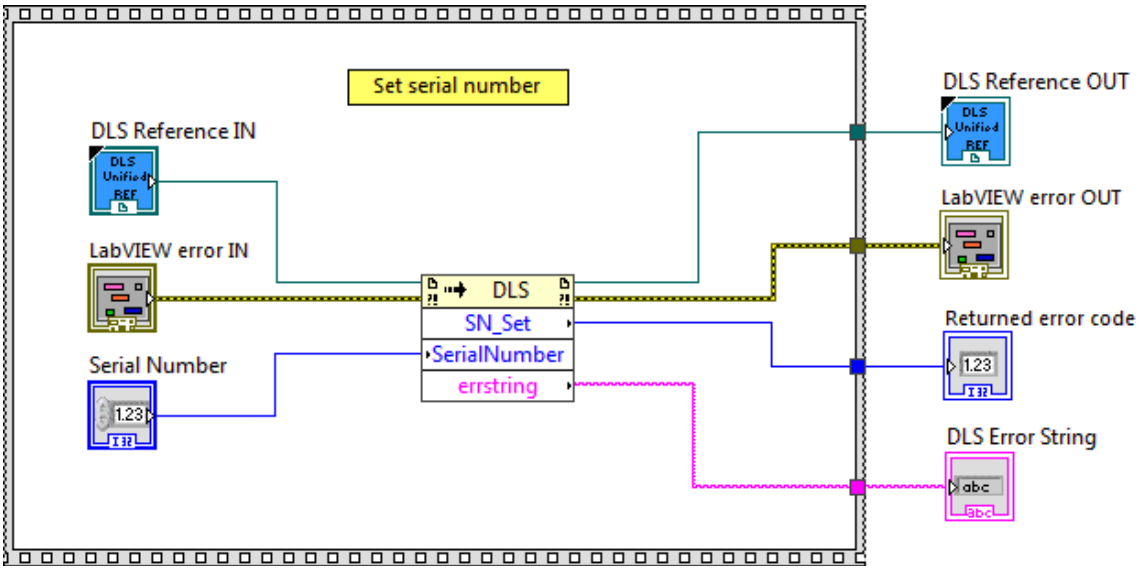
This function is used to set serial number.

Connector Pane

LWDLS_SN_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Serial Number is the serial number.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.180 SR_Get

Name

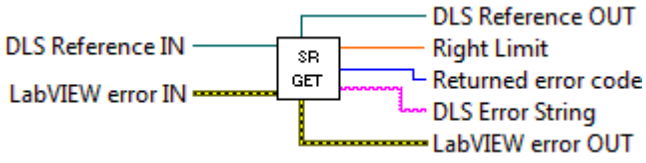
SR_Get – Gets positive software limit.

Description

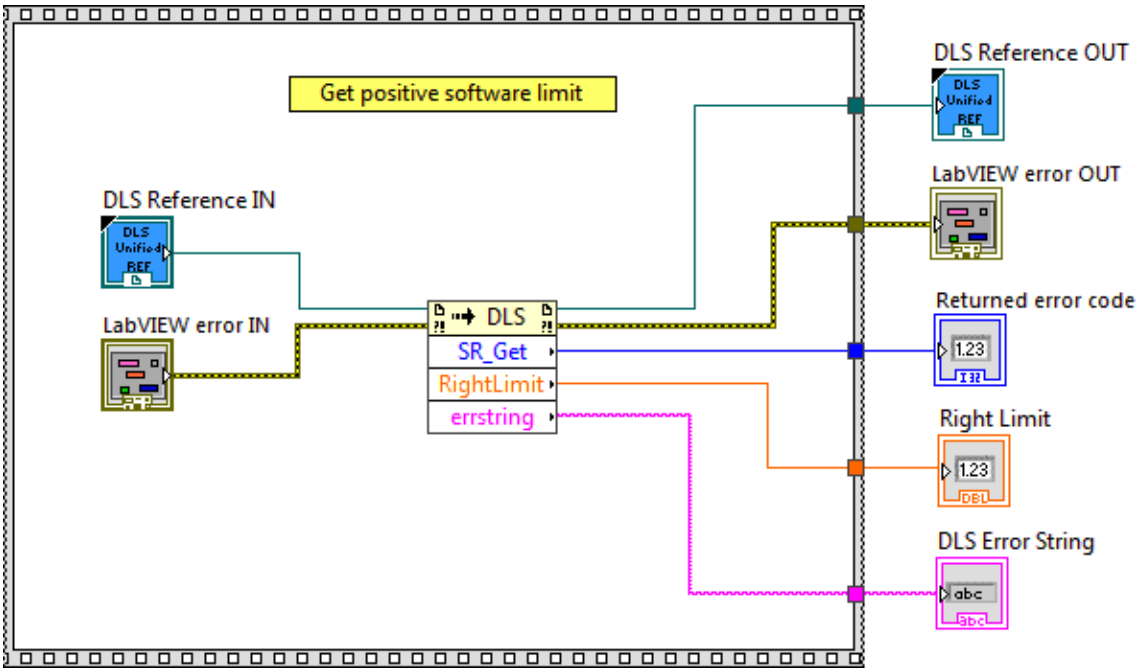
This function is used to get positive software limit.

Connector Pane

LWDLS_SR_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Right Limit is the right limit.

DLS Error String returns error string from VI.

2.181 SR_Set

Name

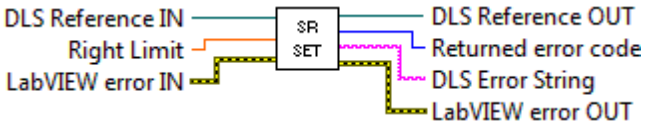
SR_Set – Gets positive software limit.

Description

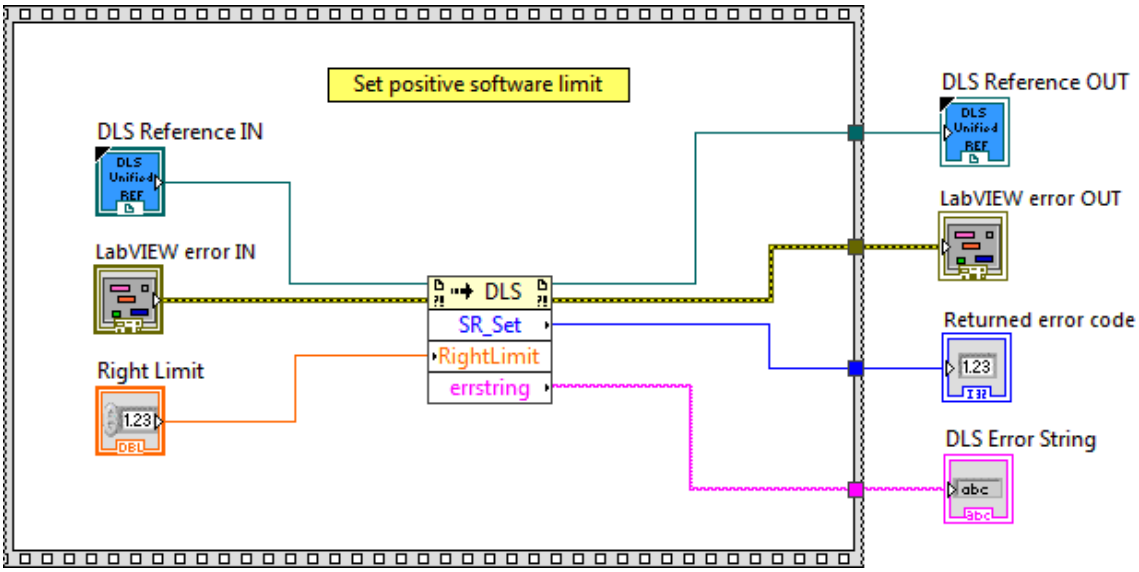
This function is used to set positive software limit.

Connector Pane

LWDLS_SR_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Right Limit is the right limit.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.182 ST

Name

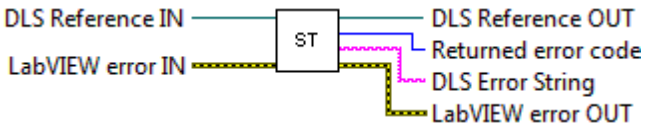
ST – Stops motion.

Description

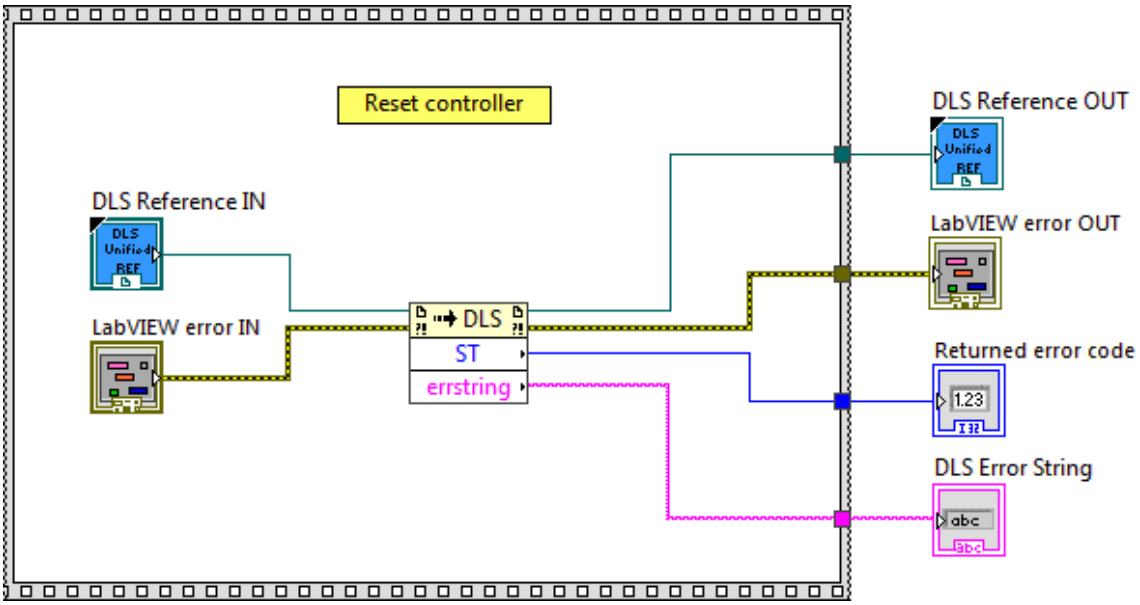
This function is used to stop motion.

Connector Pane

LWDLS_ST.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.183 TB

Name

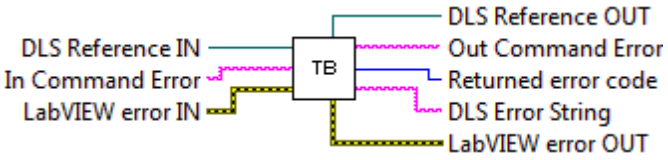
TB – Gets last command error.

Description

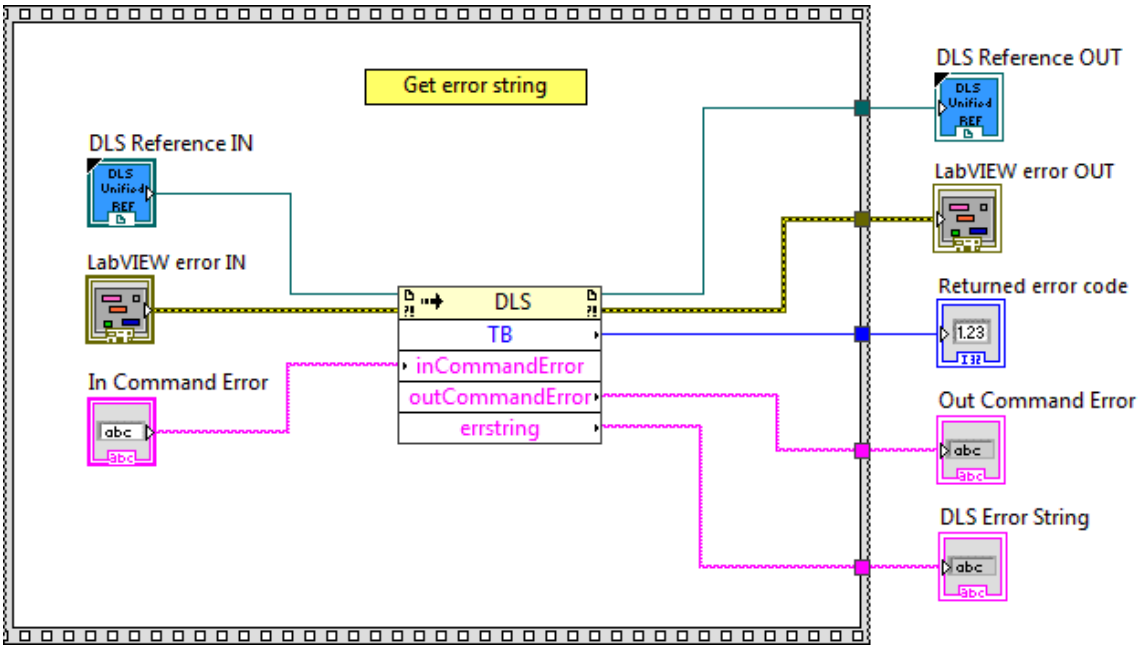
This function is used to get last command error.

Connector Pane

LWDLS_TB.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

In Command Error The error code returned by the TE command.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Out Command Error The error code returned by the TE command.

DLS Error String returns error string from VI.

2.184 TE

Name

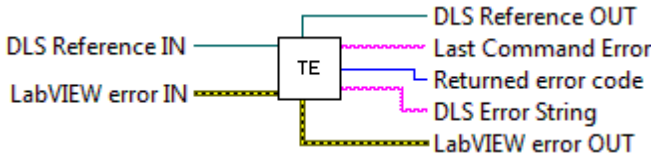
TE – Gets last command error.

Description

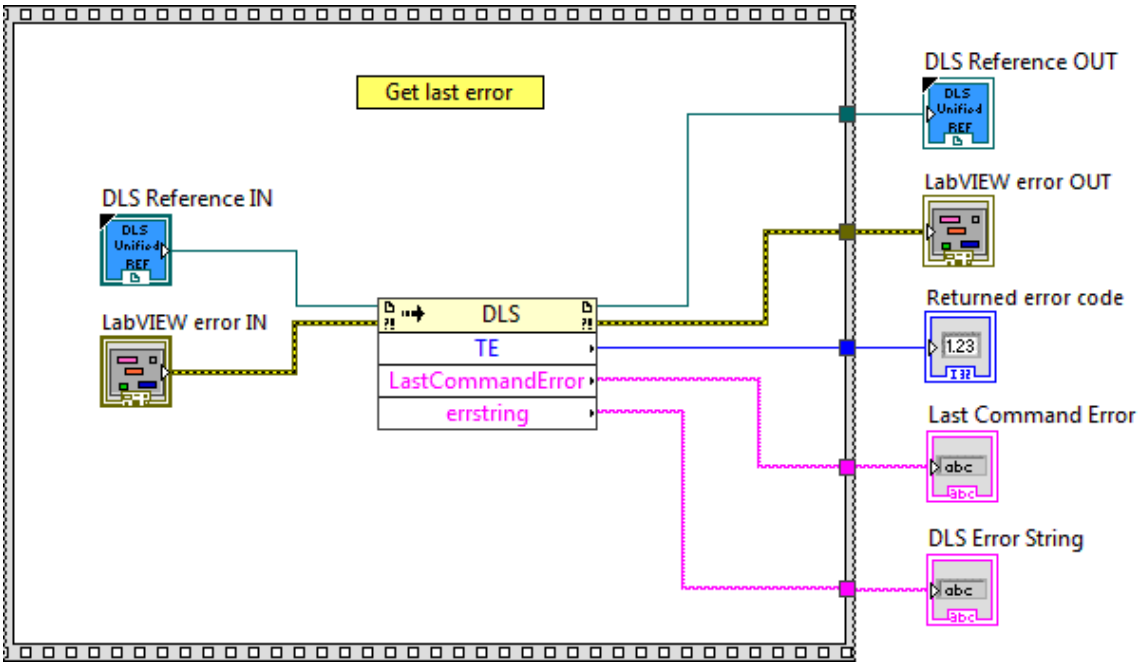
This function is used to get last command error.

Connector Pane

LWDLS_TE.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Last Command Error Last command error.

DLS Error String returns error string from VI.

2.185 TH

Name

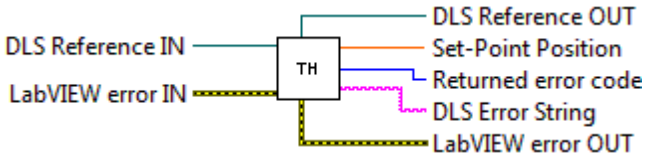
TH – Gets set-point position.

Description

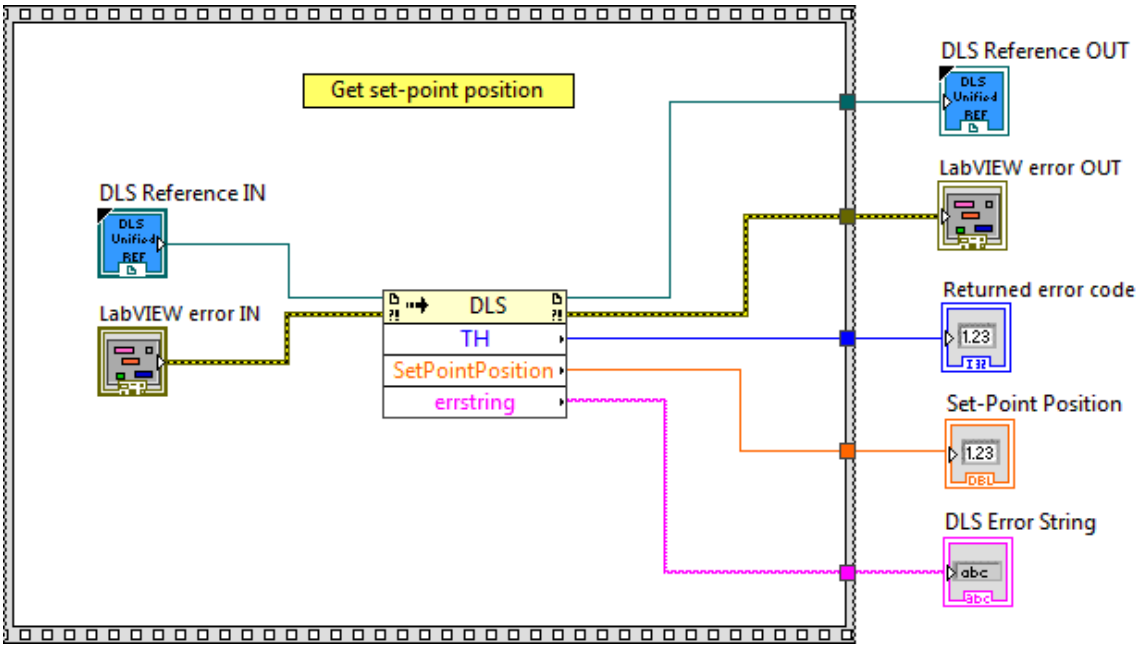
This function is used to get set-point position.

Connector Pane

LWDLS_TH.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Set Point Position sets point position.

DLS Error String returns error string from VI.

2.186 TP

Name

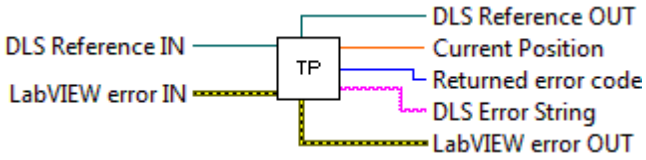
TP – Gets current position.

Description

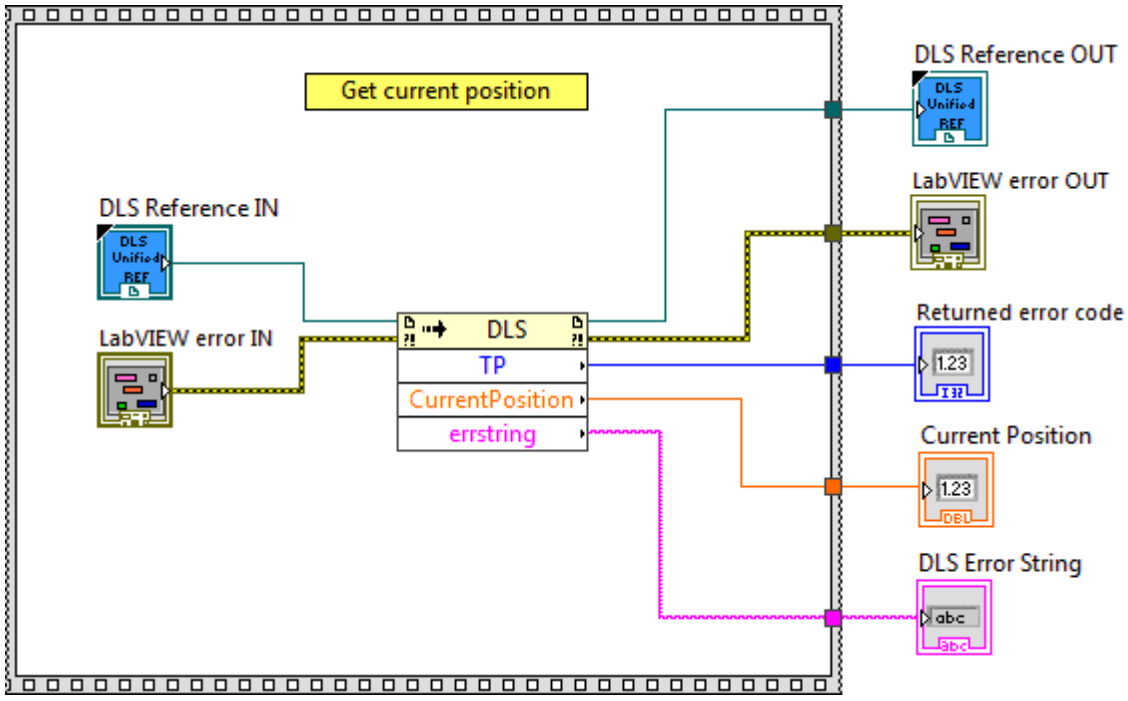
This function is used to get current position.

Connector Pane

LWDLS_TP.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Current Position is the current position.

DLS Error String returns error string from VI.

2.187 TS

Name

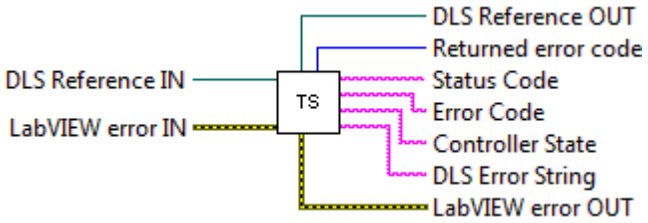
TS – Gets positioner error and controller state.

Description

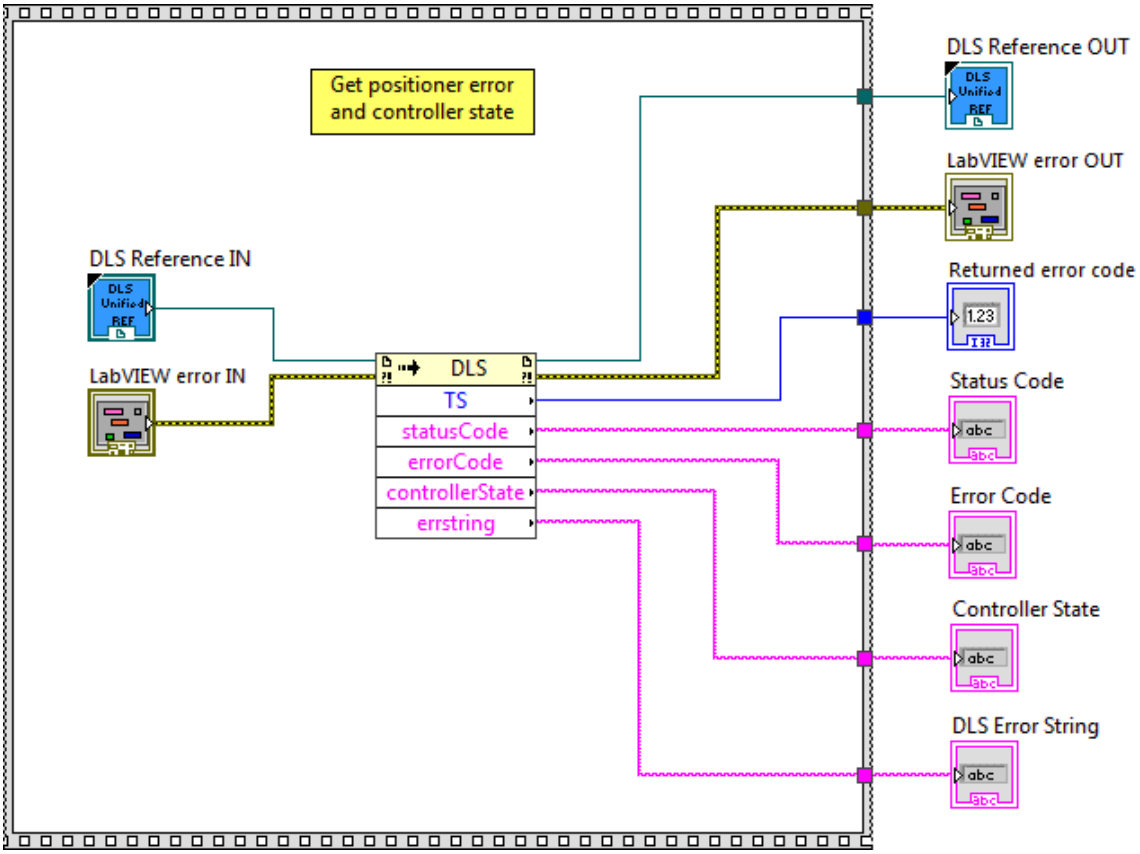
This function is used to get positioner error and controller state.

Connector Pane

LWDLS_TS.vi



Screenshot



Controls and Indicators


DLS Reference IN is the DLS Reference.


LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.


DLS Reference OUT returns DLS Reference.


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


Returned Error Code returns function error code.


Status Code Status code.


Error Code Error code.


Controller State Controller state.


DLS Error String returns error string from VI.

2.188 VA_Get

Name

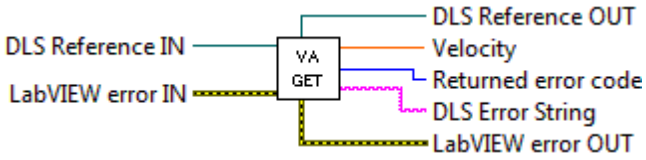
VA_Get – Gets velocity.

Description

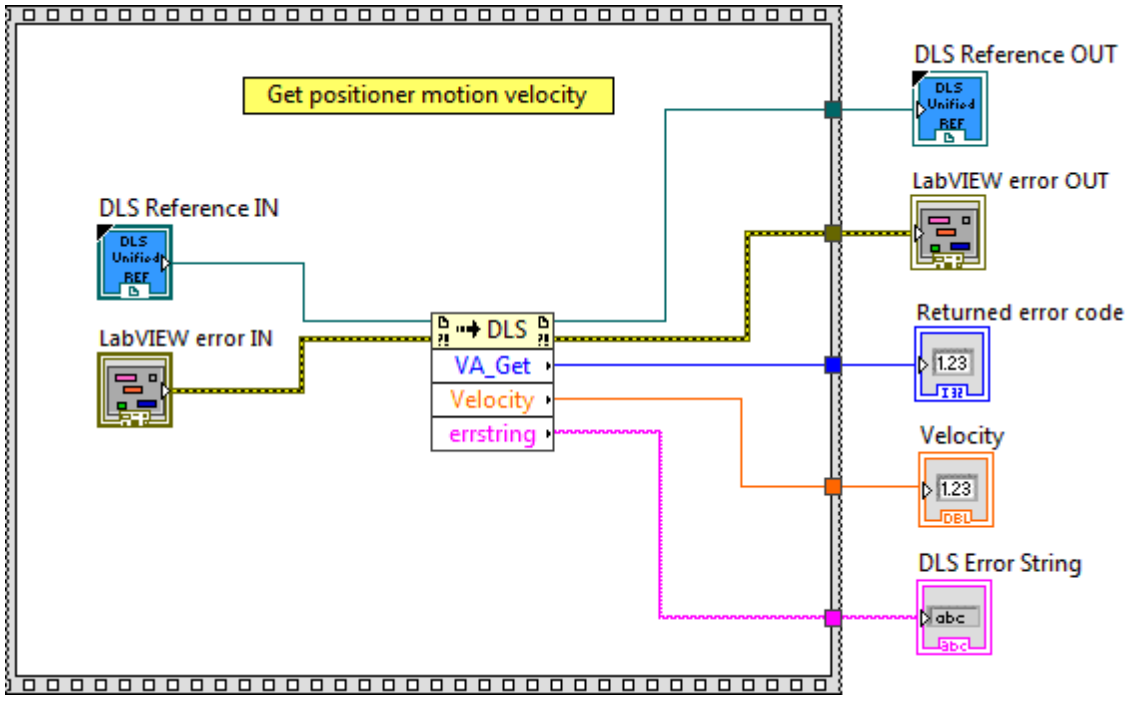
This function is used to get velocity.

Connector Pane

LWDLS_VA_Get.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Velocity Velocity.

DLS Error String returns error string from VI.

2.189 VA_Set

Name

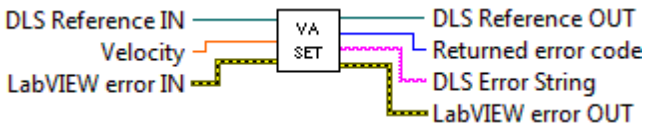
VA_Set – Gets velocity.

Description

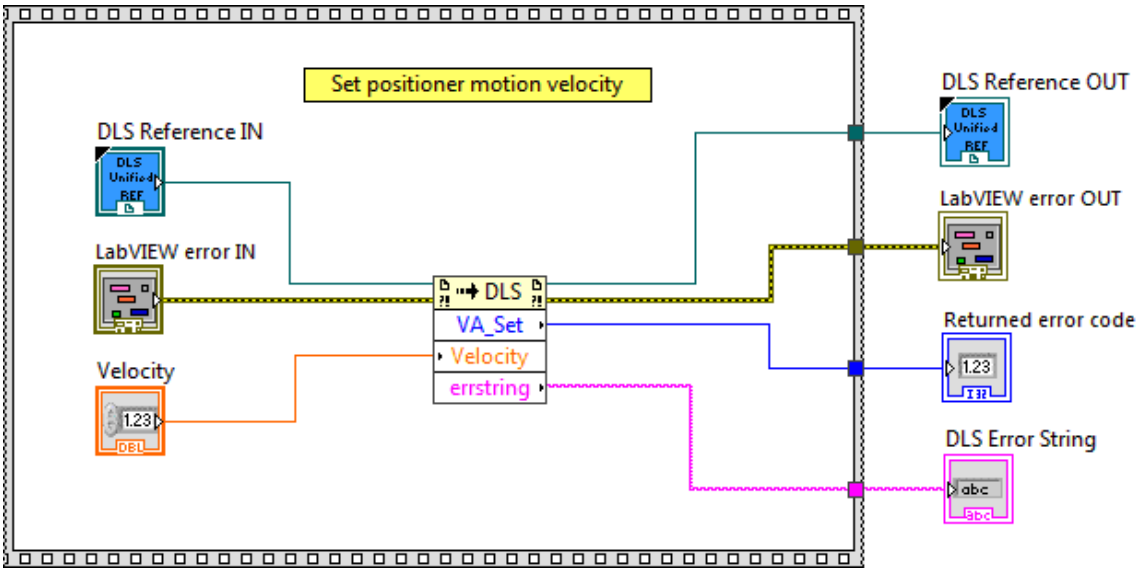
This function is used to set velocity.

Connector Pane

LWDLS_VA_Set.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

Velocity Velocity.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

DLS Error String returns error string from VI.

2.190 VAM

Name

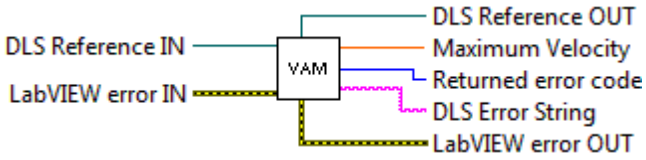
VAM – Gets maximum velocity.

Description

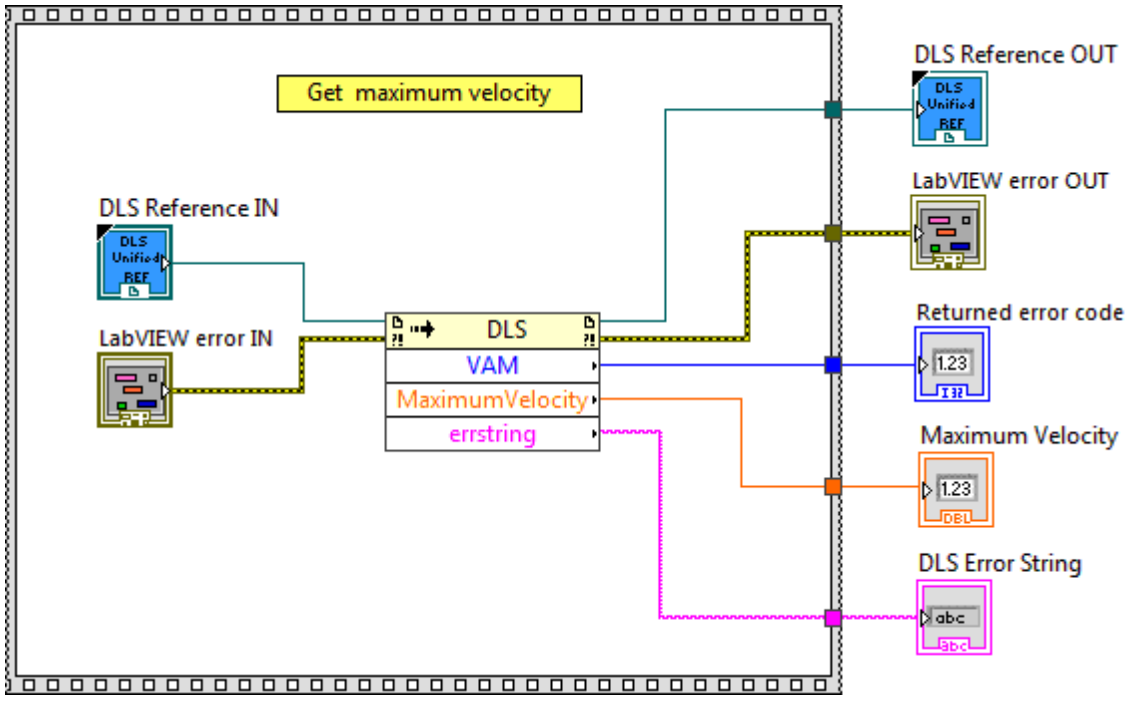
This function is used to get maximum velocity.

Connector Pane

LWDLS_VAM.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Maximum Velocity is the maximum velocity.

DLS Error String returns error string from VI.

2.191 VE

Name

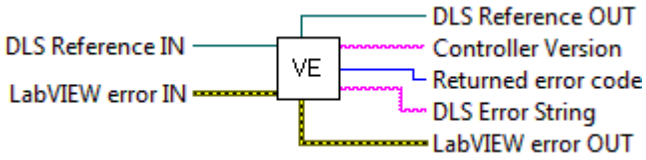
VE – Gets controller revision information.

Description

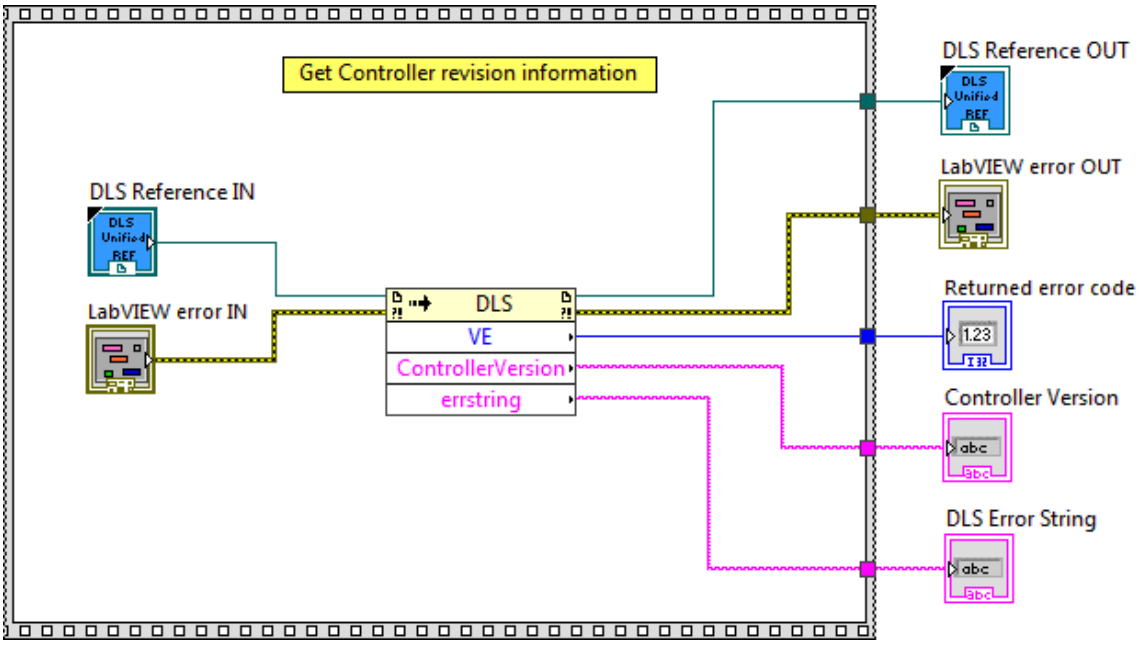
This function is used to get controller revision information.

Connector Pane

LWDLS_VE.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Controller Version is the controller version.

DLS Error String returns error string from VI.

2.192 ZT

Name

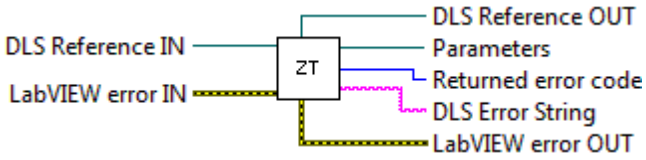
ZT – Gets all axis parameters.

Description

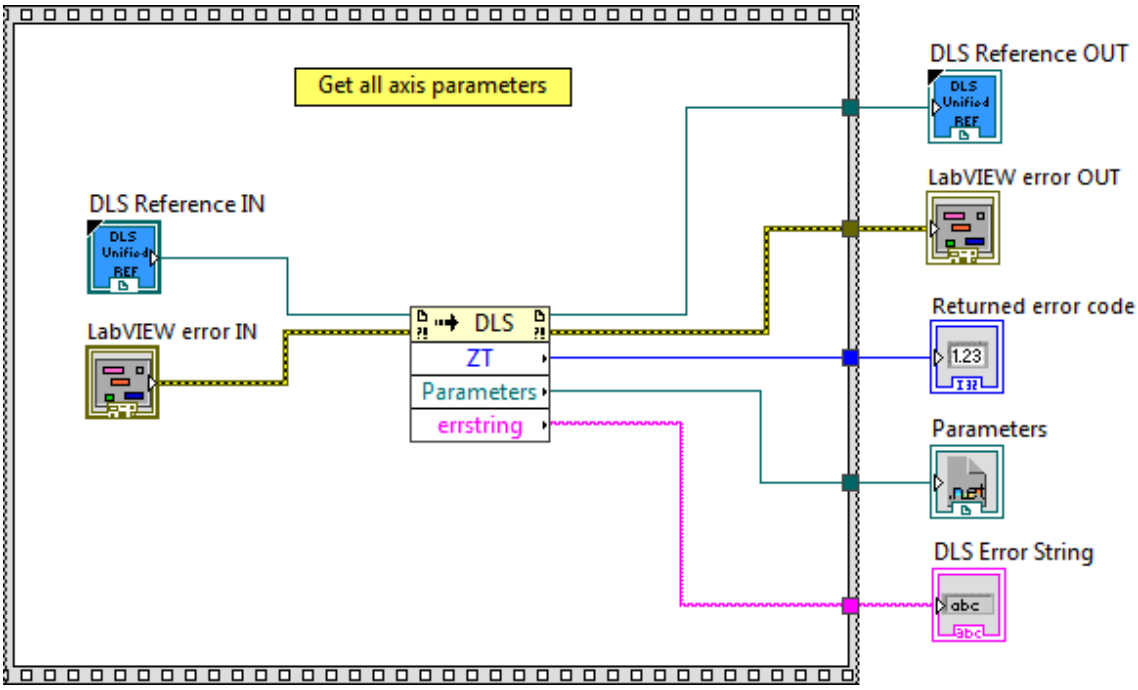
This function is used to get all axis parameters.

Connector Pane

LWDLS_ZT.vi



Screenshot



Controls and Indicators

DLS Reference IN is the DLS Reference.

LabVIEW error IN describes error conditions that occur before this node runs. This input provides standard error in functionality.

DLS Reference OUT returns DLS Reference.

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

Returned Error Code returns function error code.

Parameters Parameters.

DLS Error String returns error string from VI.

Service Form

Your Local Representative

Tel.: _____

Fax: _____

Name: _____

Company: _____

Address: _____

Country: _____

P.O. Number: _____

Item(s) Being Returned: _____

Model#: _____

Return authorization #: _____
(Please obtain prior to return of item)

Date: _____

Phone Number: _____

Fax Number: _____

Serial #: _____

Description: _____

Reasons of return of goods (please list any specific problems): _____

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