



DWDT Uncompress Digital.vi

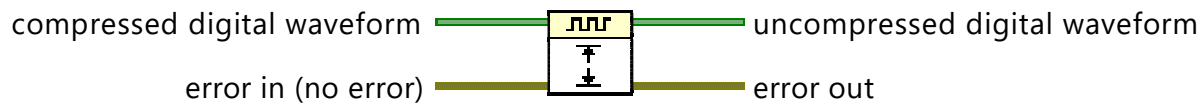
C:\Program Files (x86)\National Instruments\LabVIEW 2020\vi.lib\Waveform\DWDTOps.llb\DWDT

Uncompress Digital.vi

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Connector Pane

DWDT Uncompress Digital.vi

Uncompresses the digital signals in the digital input and returns the result in the digital output. Wire data to the **uncompressed digital waveform** input to determine the polymorphic instance to use or manually select the instance.



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Front Panel

compressed digital waveform

t0
▲ 00:00:00 PM
▼ MM/DD/YYYY

dt
▲ 0.000000

Y

uncompressed digital waveform

t0
00:00:00 PM
MM/DD/YYYY

dt
0.000000

Y

error in (no error)

status code
0

source

error out

status code
0

source

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LabVIEW™ Evaluation Software



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Controls and Indicators

**compressed digital waveform**

compressed digital waveform is the waveform you want to uncompress.

**t0****dt****Y****error**

The error cluster contains error or warning information.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**status**

The status boolean is either TRUE (X) for an error, or FALSE (checkmark) for no error or a warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**code**

The code number identifies the error or warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**source**

The source string describes the origin of the error or warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**attributes****error in (no error)**

error in describes error conditions that occur before this node runs. With the following exception, this input provides standard error in functionality.

This node runs normally even if an error occurred before this node runs.

**status**

status is TRUE (X) if an error occurred before this node ran or FALSE (checkmark) to indicate a warning or that no error occurred before this node ran. The default is FALSE.

**code**

code is the error or warning code. The default is 0.



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**source**

source specifies the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning. The default is an empty string.

**uncompressed digital waveform**

uncompressed digital waveform returns the uncompressed digital waveform.

**t0****dt****Y****error**

The error cluster contains error or warning information.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**status**

The status boolean is either TRUE (X) for an error, or FALSE (checkmark) for no error or a warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**code**

The code number identifies the error or warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**source**

The source string describes the origin of the error or warning.

The pop-up option Explain Error (or Explain Warning) gives more information about the error displayed.

**attributes****error out**

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

**status**

status is TRUE (X) if an error occurred or FALSE (checkmark) to indicate a warning or that no error occurred.

**code**

code is the error or warning code.

**source**

source describes the origin of the error or warning and is, in most cases, the name of the node that produced the error or warning.



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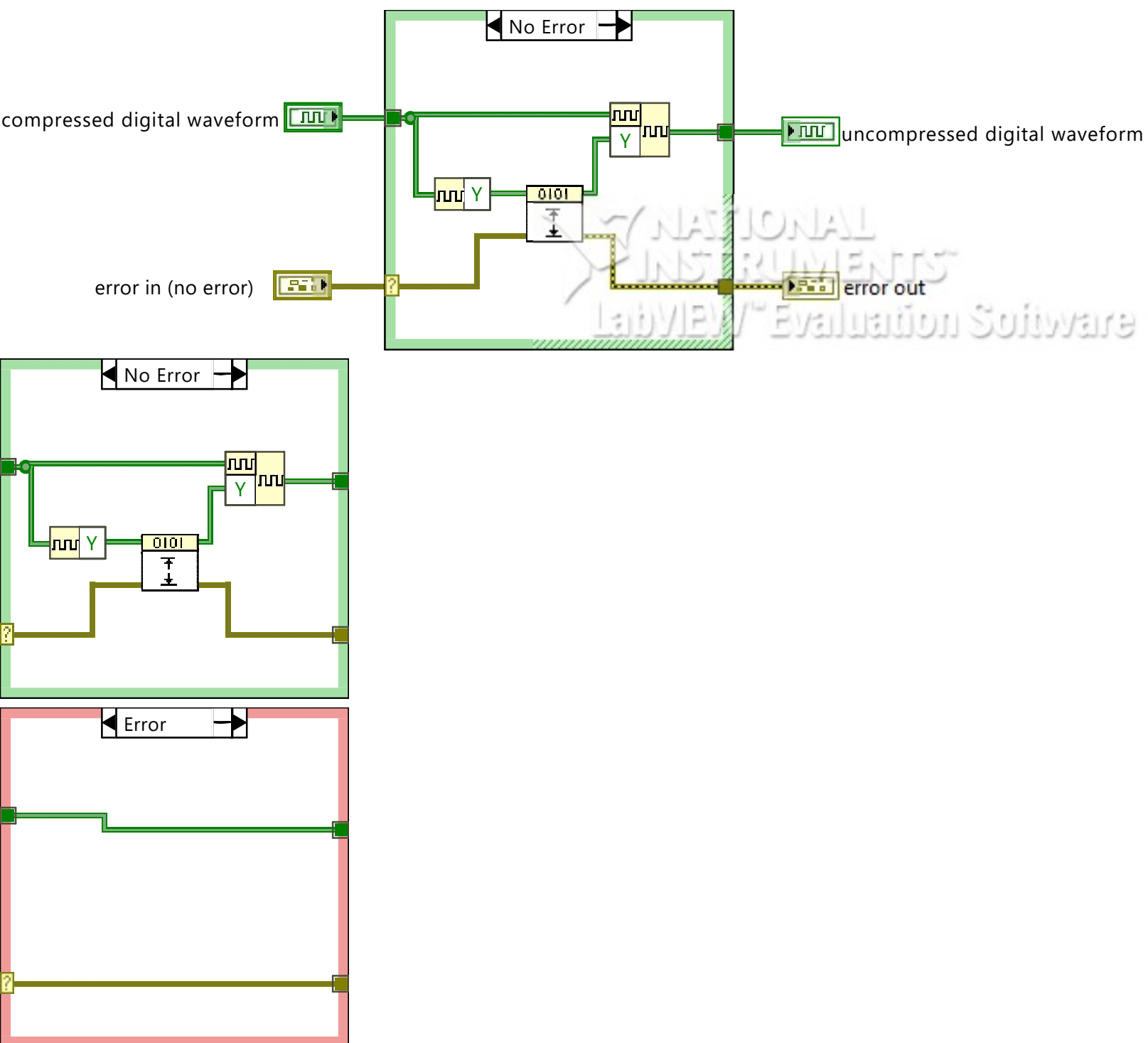
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Block Diagram





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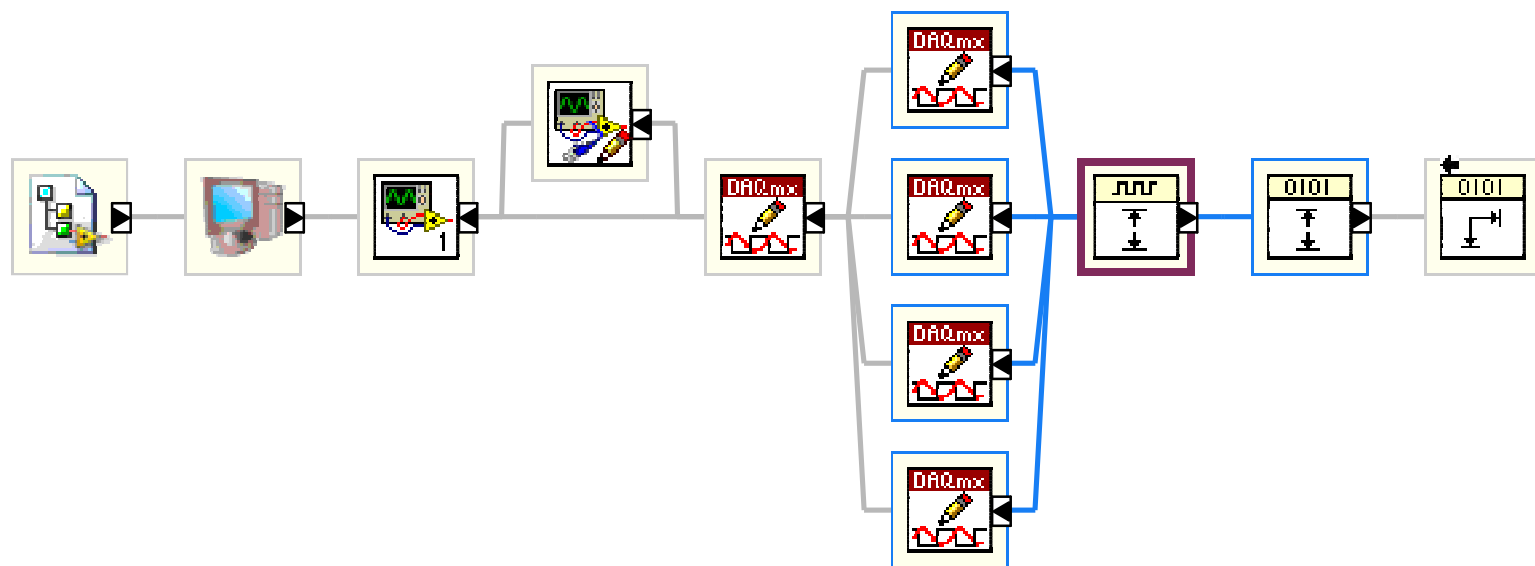
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Position in Hierarchy





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List of SubVIs and Express VIs with Configuration Information



DTbl Uncompress Digital.vi

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VI Revision History

"DWDT Uncompress Digital.vi History"

Current Revision: 23



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Iconified Cluster Constants