Fit_powervsVolts.vi
Q:\GitHub\DyminSTED4all\LabviewCode\Fit_powervsVolts.vi
Last modified on 8/16/2023 at 5:52 PM
Printed on 12/8/2023 at 12:26 PM

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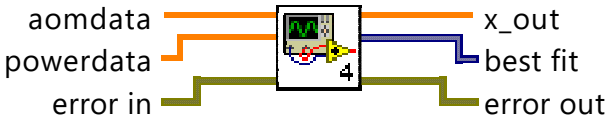

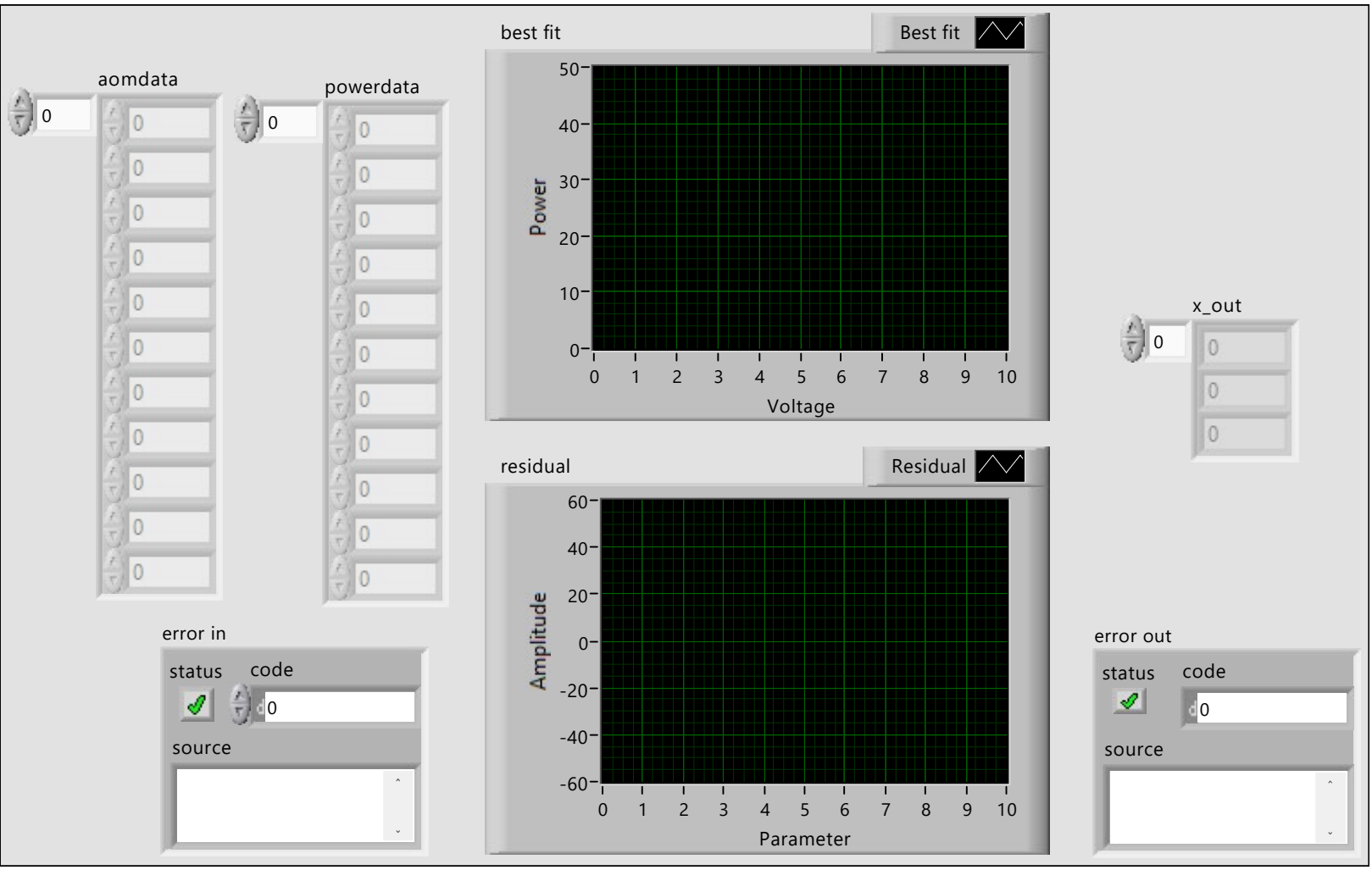

error in

<B>error in</B> can accept error information wired from VIs previously called. Use this information to decide if any functionality should be bypassed in the event of errors from other VIs.

Right-click the <B>error in</B> control on the front panel and select <B>Explain Error</B> or <B>Explain Warning</B> from the shortcut menu for more information about the error.

status

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

Right-click the <B>error in</B> control on the front panel and select <B>Explain Error</B> or <B>Explain Warning</B> from the shortcut menu for more information about the error.

code
<B>code</B> is the error or warning code.

Right-click the <B>error in</B> control on the front panel and select <B>Explain Error</B> or <B>Explain Warning</B> from the shortcut menu for more information about the error.

source
<B>source</B> describes the origin of the error or warning.

Right-click the <B>error in</B> control on the front panel and select <B>Explain Error</B> or <B>Explain Warning</B> from the shortcut menu for more information about the error.

aomdata

input variable

powerdata

powerdata

error out
<B>error in</B> can accept error information wired from VIs previously called. Use this information to decide if any functionality should be bypassed in the event of errors from other VIs.

Right-click the <B>error in</B> control on the front panel and select <B>Explain Error</B> or <B>Explain Warning</B> from the shortcut menu for more information about the error.

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best fit[best fit]
Returns the fitted data.

residual[residual]
Returns the difference between the original data and the best fit.

x_out
Returns the output signal converted into an array of numeric values. You also can configure the Convert from Dynamic Data Express VI to return the following outputs:

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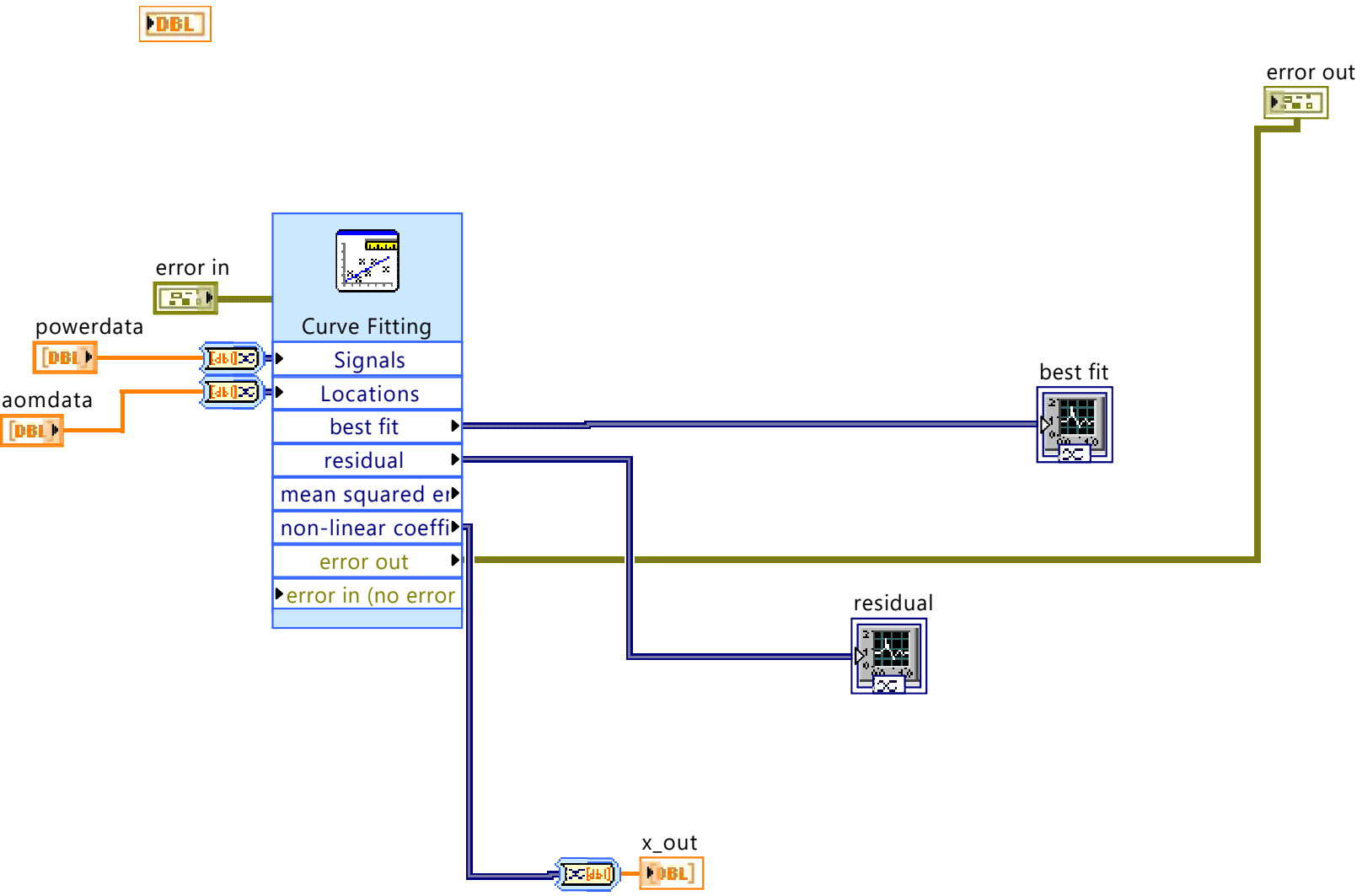

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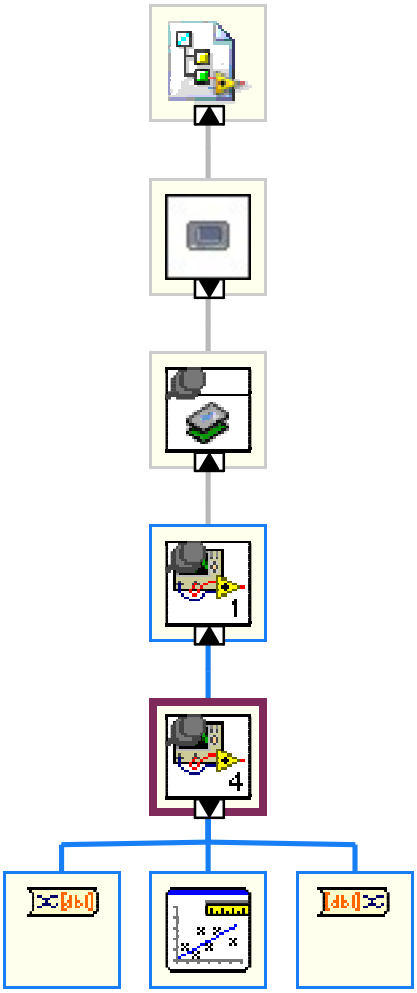

Dynamic To Waveform Array.vi
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subCurveFitting.vi
C:\Program Files (x86)\National Instruments\LabVIEW 2016\vi.lib\express\express analysis\CurveFittingBlock.llb\subCurveFitting.vi

Waveform Array To Dynamic.vi
C:\Program Files (x86)\National Instruments\LabVIEW 2016\vi.lib\express\express shared\transition.llb\Waveform Array To Dynamic.vi