

Documentation Beckhoff Terminal Oversampling 1.2

This document describes the usage and installation of the EtherCAT Framework driver library “Beckhoff Terminal Oversampling” version 1.2.

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1 General Information

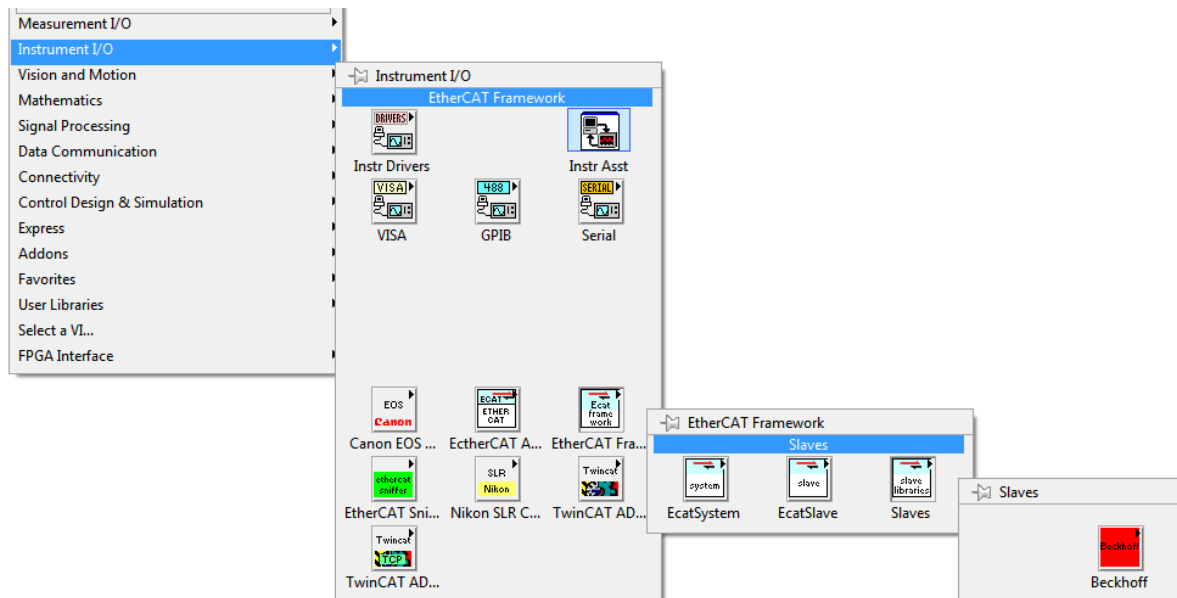
The Beckhoff Terminal Oversampling driver library is based on the EtherCAT Framework and covers digital and analog input and output Beckhoff EtherCAT terminals with oversampling features. It consists of different classes for terminal types and provides VIs for the specific functionality and configuration of the corresponding terminals.

2 Installation

2.1 LabVIEW Library

The installer installs files directly to the LabVIEW folder (..\program files\National Instruments\LabVIEW xx\..)

The functions palette is installed in Instrument Drivers.



2.2 LabVIEW Examples

The examples are installed in the LabVIEW examples folder “..\Program Files\National Instruments\LabVIEW xx\examples\Ackermann Automation\EtherCAT Framework “.

2.3 Documentation

All further documents can be found in:

“..\Program Files\Ackermann Automation\EtherCAT Framework\Docs“

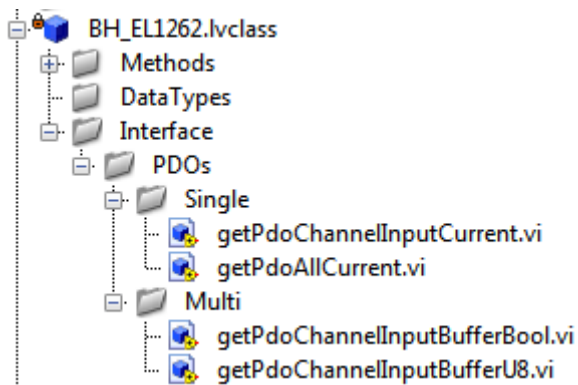
The VI documentation can be found in the help chm files of the VI libraries.

3 Slave Classes

3.1 EL1262

This class covers the digital input oversampling terminal EL1262

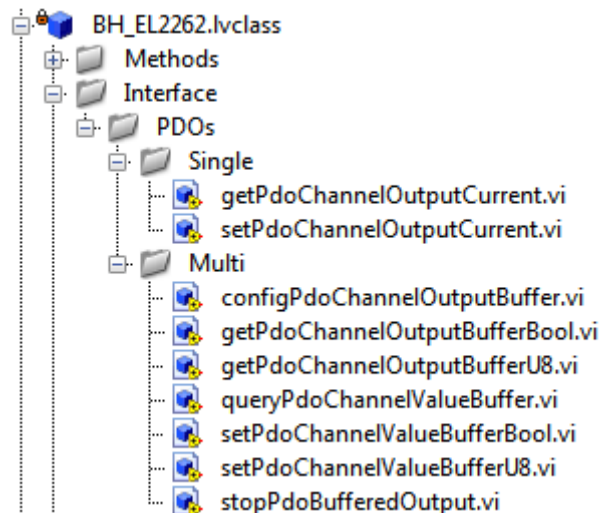
These following VIs are included in the library:



3.2 EL2262

This class covers the digital output oversampling terminal EL2262

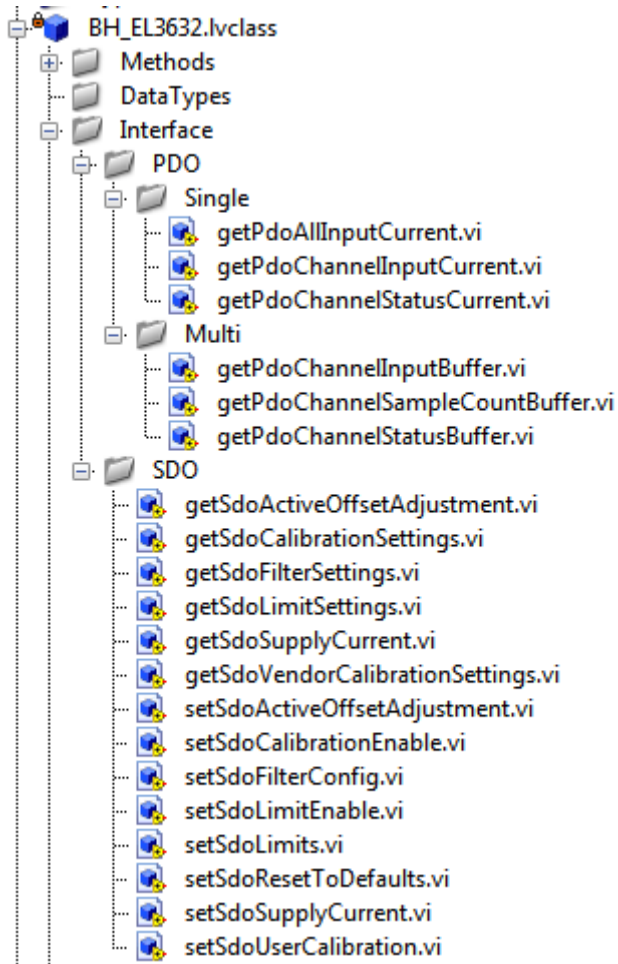
These following VIs are included in the library:



3.3 EL3632

This class covers the analog input terminal for Condition Monitoring (IEPE) EL3632

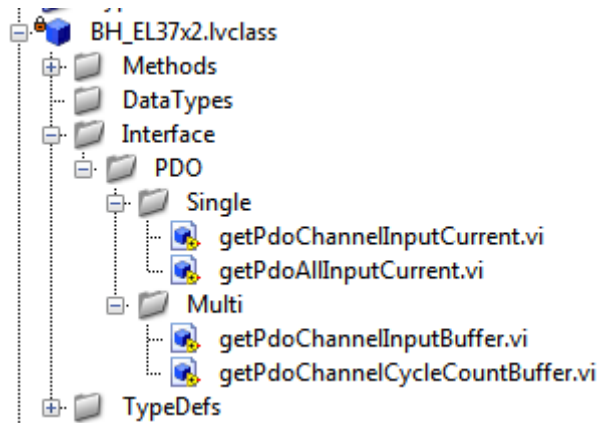
These following VIs are included in the library:



3.4 EL37x2

This class covers the 16 bit analog input oversampling terminals EL3702 and EI3742

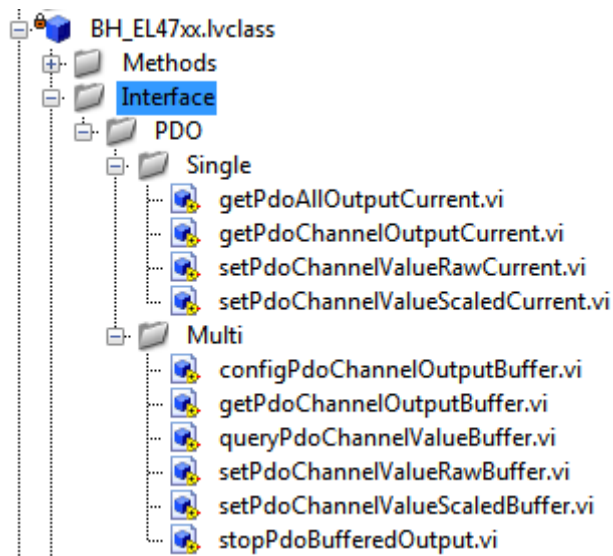
These following VIs are included in the library:



3.5 EL47xx

This class covers the 16 bit analog output oversampling terminals EL4712 and EL4732

These following VIs are included in the library:



4 Support

For support contact:

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