

PROFIdrive Profile Community Project

Introduction

This space was created to help drive and motion control vendors to create a PROFIdrive solution which relies on proven components. This reduces the effort for the implementation and lets to avoid the common pitfalls in the development process.

PROFIdrive Implementation Guide

PROFIdrive Implementation Guide is designed to help the user to implement the PROFIdrive profile. It provides the overview of the required steps and dependencies and is a good point to start with PROFIdrive implementation.

PROFIdrive Controller

The PROFIdrive Controller Example is used to realized a motion control PROFINET Controller.
The example include source code for licence free use.
Example was developed and include a wrapper for the Siemens IO-Base interface environments.

More about PROFIdrive Controller can be found [here](#) ...

PROFIdrive Device 1

The PROFIdrive Device Example is used to realize Drive and Encoder devices according to PROFIdrive and ENCODER profile specification.
The example include source code for licence free use.
Examples was developed for a Hilscher netX platform, contains wrapper to Hilscher stack interface.

More about this Example can be found [here](#) ...

PROFIdrive Device 2

The PROFIdrive Device Example is used to realize Drive devices according to PROFIdrive profile specification.
The example include source code for licence free use.
Examples was developed for a Siemens ERTEC, contains wrapper to ERTEC stack interface.
It provides all the necessary functions to create a drive for AC1 (application class 1) or AC4 (application class 4).

More about this Example can be found [here](#) ...

Events

Blog Posts

- [2021-10-14 PROFIdrive & Encoder Technologie Workshop](#) created by Uwe Zeier
2021-01-14
PROFIdrive Profile

News



PROFId Live Der videos available

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You will find on www.profibus.com, www.profinet.com and YouTube some Live Demos for the Application Class 1 + 3 + 4.

AC1:

AC3:

AC4:

[news](#)



Update PROFId Profile Tester available

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The PRO Fldrive Profile Tester supports the development of PRO FINE T devices with PRO Fldrive or ENCODER Profile application interfaces. It can be used as a means for preparation of the PRO Fldrive certification and also as test tool to run self-programmed test scripts.



[More info](#)

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2019-12 PROFId Device Example available

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The new PRO Drive Device Example is available for download for all project members.

Link: [PRO Drive Device 2](#)

PRO Drive is implemented by the application example presented here. The "Drive application" is simulated in the application example by a simple simulation (PT1 element).

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FAQs



- Which version of the PR OF Idrive specification is supported by current profile implementation?

[More FAQs .](#)

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