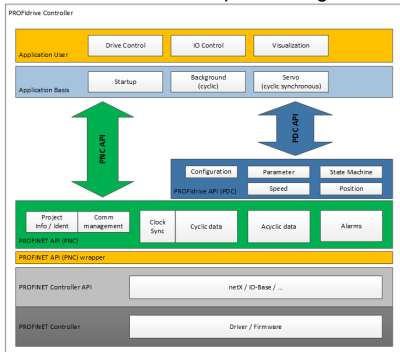


PROFdrive Controller

General Information

The **PROFdrive Controller Application** should give an idea, how a PROFdrive controller can be build up, handling drives with PROFdrive interface.



Releases

**current
version**

- PDCA V1.0

**former
releases**

Version
History

Inside the example application there are two interface layers to make usage of PROFdrive devices, which are connected to a PROFINET controller system, easier.

The **PNC** API is used to provide PROFINET controller related functionalities like cyclic, acyclic and alarm data handling at application layer in a standardized way. So, it is possible to use the whole application example on different runtime systems by just implementing a proper wrapper for target system.

The **PDC** API is used to provide main PROFdrive functionalities in a more abstract way. It provides functions to run connected axis with velocity or position setpoints with respect of chosen PROFdrive application class and take over all necessary normalization, calculation and mapping in internal modules. The functionalities of PDC API are based also on PNC API functionalities.

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