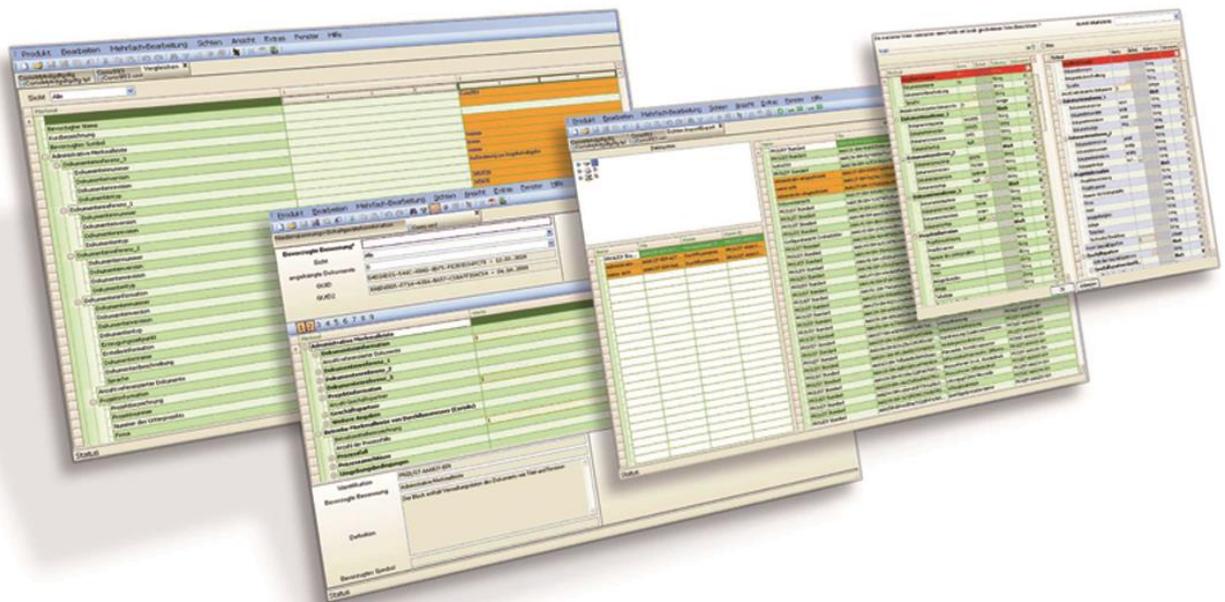


ECLASS-API



Datasheet ECLASS-API

The Paradine ECLASS-API supports software developers to integrate the ECLASS standard into their applications and to enable applications to read and write ECLASS compliant data in ECLASS BASIC as well as ECLASS ADVANCED data format.

ECLASS-API – Datasheet

ECLASS-API:

The ECLASS classification and product description standard is an internationally established multi-lingual cross industry standard.

According to the ECLASS standard products and services can be classified and described with product specific properties. The ECLASS standard is provided as dictionary in ECLASS-XML-format.

The ECLASS standard is offered in BASIC version providing a four level classification tree and flat lists of properties for product description. The ECLASS ADVANCED version uses additional elements such as blocks, cardinality or polymorphism to be able to also describe complex products. The ECLASS ADVANCED version is often used in engineering processes and systems (CAx-systems).

More and more software vendors implement the ECLASS standard to offer customers the possibility to participate in the electronic exchange of structured product and catalog data with suppliers, customers or internal software-applications.

With the ECLASS -API Paradine offers a software library that simplifies the integration of ECLASS standard in your application, and enables your systems to read and write ECLASS compliant data.

Part of the ECLASS-API integration is the creation of mappings of the ECLASS structure to the native structure elements.

Target audience:

- Software vendors and developers who want to enable their systems to process ECLASS compliant dictionaries as well as ECLASS compliant product data (CAx, PLM, ERP, eCatalog-systems, product configurators and databases, etc.).

Application scenarios:

- Create, edit and write electronic product catalogs according to ECLASS ADVANCED specification in BMEcat 2005.1 format.
- Create and maintain catalogs or catalog templates according to ECLASS BASIC format.

Scope of services:

- Import of ECLASS dictionaries in ECLASS - XML-Format
- Support of ECLASS BASIC and ADVANCED data format
- Provision of classes for each structure element (class, property, list of values, quantity, unit, etc.) of the ECLASS XML schema
- Support for searching and listing of objects
- Create, read and edit ECLASS catalog templates
- Read, edit and write BMEcat2005.1 catalog format
- Support of different ECLASS Releases
- Usage of ISO 29002-20 Web Services
- Conversion of ECLASS based product data to higher ECLASS releases applying ECLASS TUF information

Delivery contents:

- Software library (DLL)
- Demo-program in source code
- Documentation

Our offering:

- Software-license
- Maintenance and support contract
- Implementation support (optional)

Technical pre-requisites:

- Microsoft .NET framework
- Microsoft Windows XP®, Vista®, Windows7®, 32 und 64bit system



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