

Internet Enabled Common Parts Catalog (CPC) Interface

Final Report

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History & Overview

- Need for greater awareness of CPC data structures
 - Reduce duplicated efforts of part entry
 - Use of direct data from vendors by shipyards
 - Central location for part information
- Natural extension to previously performed work
- Reduction in product design time
- Open standards to disseminate part data
- First steps towards multi-shipyard CPC integration
- Provide a possible open source option for CPC usage
- Platform independence
- Easy user access only requirement is a web browser

Milestones

- Identify and breakdown CPC database structure for parsing into HTML
- Parse appropriate current versions of Data Element Dictionary into an easily used XML or text format for inclusion into the interface
- Code generic back end for MySQL to deliver data to the interface
- Identify and plan architecture and software road map for modular interface construction
- Procure and begin setup of web host on dedicated server
- Implement Data formatting and web page Graphical User Interface (GUI)
- Implement security and user action logging on the server side for authentication and verification of users
- Finish testing of interface and interoperability on live web-server
- Finish designing end-user interface for existing CPC installations

Live Website

- Informative website for the project has been online since February 2005
- Updates and current status reflected on the website
- Live system at <http://www.commonparts.org/cpc>