

Perl Toolkit

Extend and Customize WTC ProductCenter with the Industry-standard Perl Scripting Language.

Workgroup Technology Corporation's (WTC) *ProductCenter™ Perl Toolkit* is a highly useful interface library for system administrators and engineers who want simple and direct programmatic access to WTC's collaborative product data management solution with Perl.

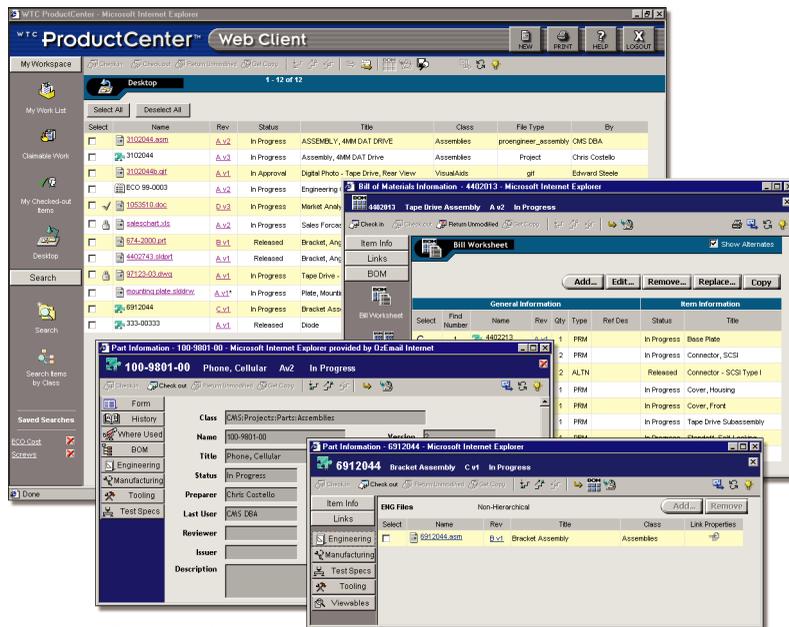
The WTC ProductCenter Perl Toolkit provides an easy way to automate many repetitive tasks and to customize ProductCenter for your unique environment. The Perl Toolkit can enable you to shave many additional hours off your critical work processes—in addition to all the built-in efficiency of ProductCenter itself.

With all the functionality of the WTC *ProductCenter™ C/C++ Toolkit*, the Perl Toolkit is easily up to the task of helping you build your own site-specific applications. The platform-independent Perl language is a popular scripting tool for interfacing with the Internet and is ideal for creating HTML-based Web applications for accessing information managed by ProductCenter.

More Power to Speed Your Time-To-Market

Companies need the flexibility to streamline and optimize their PDM system to their particular requirements. With its power and versatility, the WTC ProductCenter Perl Toolkit allows you to automate, customize, and extend your PDM for the greatest possible gains in your enterprise's productivity.

Streamline your environment by automating tasks such as generating viewables, automating workflow processes or integrating other enterprise information systems such as ERP. The Perl Toolkit extends your options for customization beyond those provided by WTC ProductCenter's product-specific integrations, all helping to significantly shorten your time-to-market.



WTC ProductCenter™

Custom Automation and Integration

The WTC ProductCenter Perl Toolkit allows you to perform operations on file data, such as engineering drawings, and record-oriented data, such as part numbers or vendor information. The Perl Toolkit provides access to all of ProductCenter's current end-user functionality, including management of configurations, objects, *Named Links*, and workflows.

You can use the Perl Toolkit to build utilities that will:

- Automate repetitive tasks within your workflow processes, such as the release of designs by engineering to manufacturing. A routine created with the Perl Toolkit can be inserted as a workflow post-operation to be run at the completion of a workflow activity.
- Batch-import product information from your existing systems, either during the initial installation of ProductCenter or whenever ProductCenter is extended to new areas of the organization.
- Create a custom solution for automating the generation of a standard/neutral viewable file

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WTC ProductCenter™ AT THE CENTER OF YOUR SUCCESS

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format from various CAD and office applications to facilitate enterprise-wide document viewing.

- Build a custom interface to meet specific user requirements, such as a simplified find/view/print interface for the shop floor.
- Monitor selected ProductCenter activity for journaling, or gathering statistics on usage patterns. Monitoring can also trigger additional site-specific processing on selected events such as *Add, Check-In/Check-Out, or Delete*.
- Build application-specific integrations to critical third-party applications beyond those provided by WTC.
- Extend access to ProductCenter with a low-cost, custom Web interface. Minimize administration and user training time, maximize acceptance and usage with a common look and feel in a familiar browser-based environment. A simplified, secure Web client is an excellent way to service users who only need limited access and knowledge of your PDM system.

All the Advantages

Ease of Use.

The Perl Toolkit for ProductCenter has been designed to be straightforward and easy to use. This allows anyone with basic Perl skills to quickly build useful utilities and monitoring tools. The Perl Toolkit includes an instructive sample application that you can build upon as a foundation for your own custom solution.

Object Creation and Management.

Using the Perl Toolkit you can create an application to manage ProductCenter objects such as files, parts, forms and assemblies. These objects are managed through user functions such as adding new objects, versioning objects through *Check-Out/Check-In*, setting both common and custom attribute values, and building product configurations using *Named Links*.

Workflow Operations.

Process operations such as *Item Routing, Activity Claim, Send Forward, Send Backward, Work-List Queries, Dynamic User Assignments*, and activity completion *Activity Post Operations* are supported through the Perl Toolkit interface. Routines created with the Perl Toolkit can be embedded in workflows to trigger custom processing.

File Management.

File operations such as *Add, Check-In/Check-Out, Return Unmodified* and *Get Copy* can be performed on individual items, so that files stored in the ProductCenter vaults or replication spaces can be quickly and easily accessed.

Release Management.

Release management operations such as *Submit, Approve, and Disapprove* can be performed on individual items and product configurations using the Perl Toolkit interface.

Database Query.

The ProductCenter Perl Toolkit supports a powerful query facility for finding ProductCenter objects within your application. You can search for objects based on criteria defined using both common and custom attributes, and operate on objects once found.

Security.

The Perl Toolkit executes programs on behalf of an authorized ProductCenter user. It requires a valid ProductCenter user name and password to operate, and is subject to the user and object access permissions (view/read/write) defined within ProductCenter.

The WTC ProductCenter Perl Toolkit is only available for Windows® NT, Sun Solaris and SGI Irix platforms.



W T C

Extended Enterprise Solutions for Optimizing Product Development

Workgroup Technology Corporation (WTC) is a proven provider of collaborative product data management (PDM) solutions for the extended enterprise.

Spanning industries that include telecommunications, automotive, medical products, aerospace and defense, thousands of users at Global 2000 companies benefit from WTC solutions.

For more information about WTC's products and services, call us toll free at **(800) 989-2099** or visit our Web site at www.workgroup.com

WTC ProductCenter™

SPECIFICATIONS

Client:	Microsoft® Windows® 95/98/NT, Sun Solaris, HP-UX, SGI Irix, Netscape or Microsoft Internet Explorer.
Server:	Microsoft® Windows® NT, Sun Solaris, HP-UX, SGI Irix
Web Server:	Netscape Enterprise Server, Microsoft® Internet Information Server, Apache Web Server
Database:	Oracle 8

COMPONENTS

WTC ProductCenter™ Core
WTC ProductCenter™ Workflow
WTC ProductCenter™ BOM Editor
WTC ProductCenter™ Integrators
WTC ProductCenter™ Toolkits