



by John Ghrist

## A Solution of Real Utility

Roy Wall is a developer with the city of Murray, Utah. One service the city offers its residents is the ability to pay utility bills online. That and other online services were offered via a composite of four different online applications from different vendors. Late 2004, this capability was threatened when one of the vendors insisted Murray move to a more costly solution in 30 days or it would drop the city's software support altogether. Because this vendor's solution was a key part of Murray's online services, this caused an immediate crisis.

"We knew this would happen some day," Roy recalls, "but we thought we'd have more time once we received the notification." Rather than cave in to the vendor's demand for more money, Murray's IT department sought another way out, which proved to be Business Computer Design (BCD) International's WebSmart. "WebSmart is an upper-level development

tool that lets us create Internet-based solutions that interface with our iSeries database," Roy explains. "With BCD's help, in three weeks we were able to create, test, and implement a new solution that actually functions better than the old application did. Additionally, in the process we learned the tools and technical know-how to modify WebSmart's source as our future needs might require."

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Roy Wall,  
 City of Murray, Utah

WebSmart is a Web-development tool that generates ILE RPG CGI or Java, includes templates and wizards to automate some parts of the development process, offers built-in change-management tools, and incorporates more than 100 routines developers can use to build applications. It supports Apache, Tomcat, and WebSphere application servers as well as standard HTTP servers. WebSmart is also compatible with service-oriented architecture, Web services, and XML, and lets users distribute output via e-mail or download it into MS-Excel spreadsheets. Its scripting language helps developers build applications the first day, its interactive development environment enables realtime code editing, and its HTML- and text-editing tools provide interfaces to third-party editing products and help programmers learn and code HTML. ■

### Vendor Info

Business Computer Design  
 International, Inc.

[www.bcdsoftware.com](http://www.bcdsoftware.com)

WebSmart



**WebSmart, Technology iSeries People Truly Understand**

Supports Web Services, SOA, XML, AJAX, KPI's, Dashboards, email, ILE-RPG CGI, Java...

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