IBM

WebSphere Development Studio Client Advanced Edition for iSeries, Version 6.0

Highlights

■ *Develop new Web applications with Java™ technology or RPG and COBOL languages using WebSphere software*

■ *Web- and portal-enable existing applications quickly and cost effectively with the IBM WebFacing Tool*

■ *Consolidates all of the key workstation-based iSeries development tools into one integrated package*

■ *Provides enterprise-level programming with Enterprise JavaBeans and Java messaging*

Take e-business to the next level.

WebSphere Development Studio Client Advanced Edition for iSeries leverages the capabilities of Rational Application Developer to optimize and simplify J2EE application development. This product features best practices, templates, code generation, and one of the most comprehensive development environments in its class. It includes the iSeries suite of tools for traditional, client/server and e-business development.

WebSphere Development Studio Client.

IBM created a comprehensive toolset to help you leverage the iSeries system and take advantage of business opportunities faster. The suite inherits improved Web and Java enterprise development capabilities from Rational Application Developer, Version 6.0. You can create, test, debug, deploy, and maintain sophisticated e-business applications with little Java, Web, or Web Services programming.

- *Workbench-based integrated*

- *development environment*
- *IBM WebFacing Tool*
- *Remote System Explorer and iSeries development tools*
- *iSeries Java and Web development tools*

Benefits for the programmer.

As a programmer, you can now capitalize on the pools of resources created by the widespread use of the Internet. For example, you can take advantage of Web Services, which can be used as part of your application; modules exist that can be plugged right into your development project. You don't have to settle for being a consumer of these services: there are wizards that help you create Web Services yourself, based on the application modules you've created— in Java, RPG, or COBOL.

- *Consistent interface reduces learning curve*
- *WebFacing Tool makes it easy to Web-enable or portal-enable your 5250 applications*

e business

Upgrade from PDM and SEU.
The improved iSeries server development capabilities of this integrated development environment (IDE) provide many compelling reasons for you to upgrade from Application Development ToolSet (PDM and SEU) or CoOperative Development Environment (CODE).

The Remote System Explorer (RSE) allows you to leverage the capabilities of the IDE. The RSE provides iSeries system access (similar to PDM) for editing, compiling, and debugging iSeries applications.

The built-in editor in RSE provides iSeries enhanced function.

- *RPG, COBOL, CL, and DDS syntax checking and program verification*
- *Language sensitive help (F1)*
- *Ability to set and run to a debugger breakpoint*

Key enhancements for 6.0
In addition to all the key features found in Rational Application Developer 6.0, the product has some important new function for advanced iSeries programmers. These include:

- *C/C++ and Java debug support for Linux and AIX on eServer i5.*
- *Support for Cascading Style Sheets - Positioning (CSS-P) in the IBM WebFacing Tool, giving you precise pixel-by-pixel control over placement of fields on a Web page.*
- *Generated Program Call JavaBeans now support J2EE Connector Architecture*

Rational Application Developer 6.0 delivers a new User Interface (UI) framework offering tight integration of all Eclipse-based offerings. Eclipse tools are provided by IBM and its partners, independent software vendors, and the open source community.

IBM WebFacing Tool is a source-code based application transformation development tool. Alternatively, the HATS Toolkit provides a development environment to produce a dynamic runtime transformation of the 5250 datastream.

Remote System Explorer (RSE) now supports programming applications designed to run on eServer i5 platforms like Linux and AIX.

iSeries Web Tools deliver improved support for Web interactions in the Web Diagram Editor and enhancements to the subfile component.

iSeries Java Tools offer an easier-to-use Program Call wizard and new JavaBeans for Toolbox, JFormatted, DFU, and ObjectList in the Visual Editor palette.

iSeries integrated debugger delivers improved support for end-to-end debugging of Web applications, plus enhanced integration with RSE.

For more details, visit:
ibm.com/software/awdtools/iseries

Hardware requirements

Type	Specification
Server	iSeries models: 170, 250, 270, 7xx, 8xx, 520 or 570
Workstation	for server development: Intel® Pentium® III processor; 768 MB RAM
	for Java™/Web/WebFacing development: Intel Pentium III 1.2 GHz recommended; 1 GB RAM recommended
	for classic tools only:Intel Pentium II processor; 256 MB RAM (higher recommended)
Hard disk space required	3.5 GB (additional space required for your development resources)
	additional 1 GB of temporary space required during installation
	more space is required on FAT32 than NTFS file systems
	for classic tools only: 700 MB
Video required	Windows® VGA graphics card (1024 x 768 or higher, 256 colors)
Media device	CD-ROM or DVD drive
Pointing device	Microsoft mouse or compatible device

Software requirements

Type	Specification
Server	for server-related development: OS/400® V5R1 or later and i5/OS V5R3[1]; additional PTFs[2] required
Workstation	Windows 2000 Professional, SP3® or SP4®, or
	Windows XP, SP1® or SP2®, or
	Windows 2000 Server and Advanced Server, SP3® or SP4®, or
	Windows Server 2003 Standard and Enterprise
	Microsoft™ Internet Explorer 5.5, SP1 or higher[3]
	TCP/IP installed and configured
	for profiling applications: JRE 1.4.0 or higher
	run-time support for WebFacing and Web Tools applications: WebSphere Application Server 5.1, or 6.0 or Express 5.0, 5.1, or 6.0

* PTF information is available at http://www.ibm.com/software/awdtools/iseries

[1] The following IBM WebFacing Tool features are supported only on OS/400 V5R2 or later:

- Single signon using EIM
- System screen support

[2] PTF information is available at http://www.ibm.com/software/awdtools/iseries

[3] Applications created with iSeries Web Tools can also run in Mozilla 1.7 or higher

How to order.

WEBSPHERE DEVELOPMENT STUDIO CLIENT FOR ISERIES IS A FREE ENTITLEMENT WITH WEBSPHERE DEVELOPMENT STUDIO FOR ISERIES (5722-WDS).

EFFECTIVE ON JULY 29, 2005, V5R2 AND V5R3 5722-WDS NEW ORDERS WILL HAVE ENTITLEMENT OF THE NEW V6.0 WORKSTATION TOOLS, IBM WEBSPHERE DEVELOPMENT STUDIO CLIENT FOR ISERIES. BEFORE JULY 29, 2005, THE V5.1.2 WORKSTATION TOOLS WILL BE THE ENTITLED CLIENT TOOL.

EFFECTIVE ON JULY 29, 2005, V5R2 AND V5R3 5722-WDS CUSTOMERS, WHO HAVE ACQUIRED THE PROGRAM PREVIOUSLY AND WHO HAVE A CURRENT ISERIES SW MAINTENANCE OR SW SUBSCRIPTION CONTRACT, USE THE FOLLOWING NO-CHARGE FEATURE NUMBERS TO ORDER THE ENTITLED V6.0 WORKSTATION TOOLS:

- TO ORDER IBM WEBSPHERE DEVELOPMENT STUDIO CLIENT ADVANCED EDITION FOR ISERIES V6.0, USE 5722-WDS FEATURE NUMBER 2657.

PRIOR TO JULY 29, 2005, ORDERING THE SAME FEATURE NUMBERS 2656 OR 2657 WILL RECEIVE THE V5.1.2 STANDARD OR ADVANCED WORKSTATION TOOLS.

IF YOU ARE INTERESTED IN PURCHASING THE WORKSTATION PRODUCTS ONLY, ORDER VIA THE PASSPORT ADVANTAGE CHANNEL.

ALTERNATIVELY, CONTACT YOUR IBM BUSINESS PARTNER FOR ASSISTANCE.