

WebSphere Development Studio Client for iSeries, Version 6.0.1

Highlights

- **Develop new Web applications with Java™ technology or RPG and COBOL languages using WebSphere software**
- **Web-enable existing applications quickly and cost effectively with the IBM WebFacing Tool**
- **Seamlessly connect WebFacing applications to non-WebFacing applications on the Web using HATS technology**
- **Consolidates all of the key workstation-based iSeries development tools into one integrated package**

Take e-business to the next level.

WebSphere Development Studio Client for iSeries leverages the capabilities of Rational Web Developer to optimize and simplify Web 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 development capabilities from Rational Web 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 take advantage of the pools of resources created by the widespread use of the Internet. Now available to you are Web Services, which fulfill some of your fundamental programming tasks; modules exist that can be plugged right into your application 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 your 5250 applications*

Upgrade from SEU and PDM.

The improved iSeries server development capabilities of this integrated development environment (IDE) provide many compelling reasons for you to upgrade from Application Development ToolSet (SEU and PDM) 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 6.0.1

Rational Web Developer V6.0 delivers a new User Interface (UI) framework

and JavaServer Faces (JSF) for developing Java 2 Enterprise Edition (J2EE) Web applications.

IBM WebFacing Tool is a source-code based application transformation development tool. New Web settings simplify customization of your Web-enabled interfaces to 5250 applications, making them look and feel more like native Web applications. Web-enabled applications run in batch mode with no Online Transaction Processing (OLTP) requirement. Host Access Transformation Services (HATS) Toolkit V6.0.4 delivers dynamic runtime transformation of the 5250 data stream with no requirement for Online Transaction Processing (OLTP) capacity working through the WebFacing server starting with i5/OS V5R4, available on March 3, 2006.

New Development Studio Client Lite technology preview provides a lightweight edit/compile/debug environment for developing native i5/OS applications (256 MB of RAM is recommended to operate effectively).

A new extension to the Web Service wizard is available to create Web services from ILE RPG/COBOL programs in one step, making it easier to create SOA applications.

Programming language support is updated to the V5R4 level for editing and compiler options.

The WebFacing Tool and Web Tools generate Common Base Event (CBE) logging data that can be used by the Log and Trace Analyzer, which is provided in WebSphere Development Studio Client Advanced Edition for iSeries.

For more details, visit:

ibm.com/software/awdtools/iseries



Hardware requirements*

Type	Specification
Workstation minimum	for server development: Intel® Pentium® II processor; 512 MB RAM
	for Java™/Web/WebFacing development: Intel Pentium III 800 MHz recommended; 1 GB RAM recommended
	for classic tools only: Intel Pentium II processor; 256 MB RAM (higher recommended)
Hard disk space required	7 GB (additional space required for your development resources)
	approximately 3.5 GB of temporary space can be recovered after installation
	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
Input devices	Keyboard; mouse or compatible pointing device

Software requirements*

Type	Specification
Server	for server-related development: OS/400 V5R2, or i5/OS V5R3 or V5R4; additional PTFs** required
Workstation	Windows 2000 Professional, SP3® or SP4®, or
	Windows XP Professional, SP1® or SP2
	Microsoft™ Internet Explorer 6.0 recommended
	WebSphere Application Server (or Express) 5.1 or 6.0 recommended
	for HATS runtime support: WebFacing Deployment Tool with HATS technology
	for profiling applications: JRE 1.4.0 or higher

* for detailed hardware and software requirements, please see announcement letter 206-021

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

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1 The IBM home page on the Internet can be found at ibm.com

How to order.

WebSphere Development Studio Client for iSeries is a free entitlement with WebSphere Development Studio for iSeries (5722-WDS).

V5R2 and V5R3 5722-WDS new orders now have entitlement of the new V6.0 workstation tools, IBM WebSphere Development Studio Client for iSeries.

Existing 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 for iSeries V6.0, use 5722-WDS feature number 2656.

- To order IBM WebSphere Development Studio Client Advanced Edition for iSeries V6.0, use 5722-WDS feature number 2657.

If you are interested in purchasing the workstation products only, order via the Passport Advantage Channel.

Alternatively, contact your IBM Business Partner for assistance.

