IBM WebSphere Studio Enterprise Developer V5.0 — Brings the Power of J2EE, Rapid Application Development, and Teaming to Diverse Enterprise Application Development Organizations

Overview

WebSphere® Studio Enterprise Developer V5 brings the power of Java™ 2 Platform Enterprise Edition (J2EE), rapid application development, and robust team support to diverse enterprise application development organizations. This significantly lowers the technological requirements of entry to modern application development and architecture.

It embraces a component reuse, model-based development paradigm, to provide the rapid construction of well structured e-business systems delivered to WebSphere, and in addition, integrating traditional transactional environments (CICS® and IMS™).

WebSphere Studio Enterprise Developer also contains tools for building Web applications that follow a model-view-controller (MVC) architecture. These tools support the popular, open-source Struts runtime, and include a visual construction environment that allows the developer to quickly link views with business logic implemented in a number of different technologies, such as Java, Enterprise Java Beans (EJBs), Enterprise Generation Language (EGL), Web Services, COBOL, and PL/I. This capability allows many different skill sets to contribute to the construction of sophisticated Web applications.

Key Prerequisites

- TCP/IP installed and configured
- One of the following:
  - Microsoft™ Windows® XP Professional or Server or Advanced Server
  - Microsoft Windows 2000 Professional or Server or Advanced Server with Service Pack 1, or later
  - Microsoft Windows NT® Workstation or Server V4.0 with Service Pack 6a, or later
  - Microsoft Internet Explorer 5.5 with Service Pack 1, or later
  - Enterprise Developer Server V5.0 (5655-I57) is required to run EGL programs generated for z/OS™ CICS

Planned Availability Dates

- February 28, 2003, Electronic Software Delivery
- March 21, 2003, Passport Advantage Media Pack

At a Glance

WebSphere Studio Enterprise Developer V5.0 helps simplify the skills needed to develop component-based Web applications:

- Helps you create dynamic Web applications including support for J2EE, XML, and Web services technologies
- Lets you rapidly create well-structured e-business systems that integrate WebSphere software and traditional transactional environments, including CICS and IMS systems
- Promotes the reuse and transformation of existing applications to help reduce costs and shorten the development cycle
- Leverages visual construction of an open Struts-based model-view-controller (MVC) model to help make application development intuitive and easy
- Supports the collaboration of team members in the development process

For ordering, contact:
Your IBM representative or the Americas Call Centers at 800-IBM-CALL
Reference: SE001

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
Description

WebSphere Studio Enterprise Developer V5 consists of a common workbench and integrated set of tools that support end-to-end, model-based application development, runtime-testing, and rapid deployment of e-business applications.

WebSphere Studio Enterprise Developer supports a broad range of developers with added flexibility and the ability to integrate with existing applications:

- Create Web applications by melding diverse employee skills sets and extending existing systems
- Take advantage of proven run-time environments while helping reduce your deployment risks

WebSphere Studio Enterprise Developer offers integrated development environments (IDE) with advanced, easy-to-use tools and features to help developers rapidly design, code, and deploy complex applications.

Visual Builder: Provides a visual component construction environment based on Struts, an open source implementation of the MVC component architecture; helps construct MVC-based Web applications with a visual assembly tool; provides quick access to resource-appropriate editors and wizards; separates team responsibilities for greater productivity and focus.

EGL Support: Provides EGL support to create full-function Java and COBOL applications that deliver enterprise data preparation and deployment with automated procedures.

Java Development: Helps create Java code; enables incremental compilation and provides a common local and remote debugger benefit; includes Java source file tools to search, compare, and merge code and refactoring tools to help reorganize Java applications.

z/OS Development: Provides an interactive, workstation-based environment that provides quick access to z/OS (formerly S/390®) datasets; creates ASM, COBOL, or PL/I code; creates IBM CICS system-based code, IBM IMS, and Structured Query Language (SQL) statements.

Web Development: Helps develop creative and data-rich Web-based applications; provides a visual layout tool to help you write JavaServer Pages (JSP) and HTML, and also a wizard to develop servlet code; lets you create Web applications from database queries and beans; includes graphic-design software for producing static and animated output; supports J2EE coding and deployment.

Analysis and Performance Profiling: Collects and presents Java run-time data in graphical and non-graphical views; helps detect application performance issues early in the development cycle and improve overall system efficiency.

J2EE 1.3 Platform Support: Features full Enterprise JavaBeans (EJB), Version 2.0 support, Web Archive (WAR), and Enterprise Application Archive (EAR) deployment support; updated EJB test client and an enhanced unit-test environment create multiple projects with different unit-test configurations.

Testing and Deployment: Allows cross-platform interactive testing, debugging, and deployment of JSP, servlets, EJB, and HTML files on local and remote Web application servers and also CICS, IMS/DC, and batch debugging of COBOL, PL/I, and Assembler applications.

Web Services Deployment: Helps build and deploy Web services-enabled applications across a broad range of platforms; offers tools to ensure conformance to standards such as UDDI for Java, Simple Object Access Protocol (SOAP), and Web Services Description Language (WSDL).

Relational Database: Helps create and manipulate project data design as relational database (RDB) schemas; writes queries against local and remote data.

XML Development: Offers ability to create, view, edit, and validate document-type definitions (DTD) and XML schemas, transform XML documents into text, HTML, or other XML document types; integrates relational databases and XML.

Simplifies the Development Process: Creating high-performance, content-rich Web applications requires the strategic investment and careful management of resources and skills. To help shorten the development cycle and leverage resources, enterprise developers rely heavily on component technologies. Using components allows teams to reuse proven and reliable capabilities, instead of duplicating their development efforts.

WebSphere Studio Enterprise Developer combines visual construction of complex Web systems with Struts-based MVC component architecture. MVC architecture creates components and simplifies the development process by allowing key aspects of Web applications to be isolated and maintained independently. The MVC pattern contains three main elements:

- Model — Houses the core of the application functions
- View — Manages the execution flow of the application
- Controller — Manages the execution flow of the application

Widely used by J2EE experts, this architecture allows developers to define, reuse, and debug application flows, actions, and patterns. WebSphere Studio Enterprise Developer supports HTML and JSP components incorporated in the view, servlet processing for the controller, and EJB, COBOL, PL/I, and EGL component processing in the supported WebSphere and z/OS environments. You can quickly change environments as your business needs change. Developers with varied skills sets can easily maintain Web applications and help save future development costs.

To help support the Struts framework, WebSphere Studio Enterprise Developer includes a visual builder that maps out applications to facilitate a faster understanding of the flow, structure, and components of Struts-based Web applications. Developers have quick access to resource-appropriate editors and wizards and can separate team responsibilities to help improve productivity and focus.

Extends WebSphere Studio Workbench Technology: WebSphere Studio Enterprise Developer is built on WebSphere Studio Workbench technology, so your developers share a common view of applications and resources stored in a common repository. This collaboration can facilitate management and communications, reduce the requirements for manual integration, and ultimately shorten the development process. A universal tool platform, WebSphere Studio Workbench enables you to integrate complementary development tools that can interoperate with other products built on WebSphere Studio Workbench.
Bridges the Skills Gap with Enterprise Generation Language: Some application developers are more experienced in middle-tier, Java-based programming models. Others have little Web expertise and focus instead on the business environment, while some developers are more familiar with traditional transactional environments like CICS. A high-level programming language like EGL is needed that allows developers from diverse technical backgrounds to quickly write full-function applications, which can ultimately result in Web-oriented Java applications and also traditional COBOL applications. Supported by WebSphere Studio Enterprise Developer, EGL is a fourth-generation programming language that can speed the development of applications in either Web or traditional transactional environments.

EGL allows developers to implement business logic through a simple procedural language that hides the technological details of databases accessed through SQL, messages sent or received with MQSeries®, or environmentally specific commands executed in CICS.

Its automated procedures help facilitate code preparation and deployment. With the capability to extract difficult development processes — like I/O handling, message handling, and error handling — EGL support gives developers the ability to quickly create applications that can potentially run as Java applications in either the middle-tier or the Enterprise Information System (EIS) tier (such as CICS systems) of a Web application. Developers can write code in one target platform and easily convert applications for use on another platform. This means developers can code for current platform requirements without worrying about future migration.

Enhances Development Capability with Leading-Edge Tools: You have existing applications that you want to keep and important data residing in legacy systems. Enterprise application programmers need advanced tools to build Web applications with business logic that preserve investments and reduce development time. With WebSphere Studio Enterprise Developer, you can:

- Define JSPs and servlets and map entity beans to databases
- Generate EJB tools to access transaction processing systems to better leverage your investments and help lower the cost of retooling, integrating, and updating existing applications

WebSphere Studio Enterprise Developer offers a fully supported EJB, Version 2.0 development environment to create and test applications for rapid deployment to your application servers. With a unit-test environment, WebSphere Studio Enterprise Developer integrates tightly with the WebSphere software family and enables easy deployment to WebSphere Application Server.

A robust query engine supports deployed code by creating SQL strings to be generated into persister classes. WebSphere Studio Enterprise Developer also provides tools to create, edit, and validate EAR files and editors to format deployment descriptors.

Provide a Robust XML Toolset: WebSphere Studio Enterprise Developer provides wizards and tools to help you rapidly develop Web services in distributed and z/OS environments. Web services are standards-based, e-business applications — accessed through XML — that you can use individually or combine to perform complex transactions with minimal programming. Web services give global businesses a common language with shared definitions to discover each other’s resources, connect dynamically, and enable conducting transactions in realtime with minimal human input.

WebSphere Studio Enterprise Developer includes a comprehensive XML toolset to help you build DTDs, XML schemas, and files and integrate relational data with Web services. When integrated with the Enterprise COBOL compiler, WebSphere Studio Enterprise Developer allows you to quickly and easily transform and combine CICS system-based COBOL code into XML-based applications to redeploy as Web services. The Web services you create with WebSphere Studio Enterprise Developer conform to UDDI, SOAP, and WSDL standards.

Test and Debug During Runtime on Local or Remote Servers: Testing Web applications is just as complex and crucial as building them. With the WebSphere Studio Enterprise Developer unit-test environment, you can configure local or remote servers to perform cross-platform interactive testing and debugging live in WebSphere, CICS, and IMS transactional environments. The testing and debugging process begins early in application development, with breakpoint and monitor-testing capability available in the visual assembly environment. This capability ensures that each aspect of the flow and the associated connections perform as required.

WebSphere Studio Enterprise Developer includes a validation framework to identify errors on the fly — so programmers can help save time and money by immediately selecting and correcting errors. Troubleshooting options include traditional debugging, distributed code profiling, and unit-testing. It enables you to edit, test, check syntax, and compile locally. Then recompile the source, build a load module, and test and debug on a remote z/OS system.

Complementary Product Offerings Included: Also included in the WebSphere Studio Enterprise Developer, V5.0 media package are a number of complementary product offerings. For a complete list of the included offerings, refer to the Reference Information section.

Section 508 of the U.S. Rehabilitation Act

- Provides keyboard equivalents for most actions
- Does not interfere with keyboard accessibility features built into the operating system
- Provides semantic information about user interface objects
- Associates labels with controls, objects, icons, and images
- Provides text through standard system function calls or through an application programming interface (API) which supports interaction with assistive technology
- Uses color as an enhancement, not as the only way to convey information or indicate an action
- Supports system settings for high contrast for all user interface controls and client area content
- Inherits system settings for size and color for all user interface controls
Reference Information

Complementary Product Offerings Included

Also included in the WebSphere Studio Enterprise Developer, V5.0 media package are a number of complementary product offerings. Below is a list of the included offerings with references to the announcement letters for those offerings:

• WebSphere Application Server Advanced Edition for Windows, V5.0
  Software Announcement 202-318, dated November 19, 2002

• WebSphere Application Server Enterprise Edition for Windows, V5.0
  Software Announcement 202-318, dated November 19, 2002

• VisualAge® COBOL for Windows NT, V3.0.7
  Software Announcement 200-107, dated May 9, 2000

• VisualAge Generator Developer, V4.5.3
  Software Announcement 200-301, dated September 12, 2000

• VisualAge for Java, Enterprise Edition, V4.0
  Software Announcement 201-182, dated June 26, 2001

• VisualAge PL/I for Windows NT, V2.1.10
  Software Announcement 298-104, dated April 7, 1998

• VisualAge Smalltalk Enterprise, V5.0
  Software Announcement 299-211, dated July 27, 1999

• CICS Transaction Gateway, V5.0
  Software Announcement 202-145, dated June 11, 2002

• DB2 Connect® Personal Edition, V7.2 FP7 for Windows
  Software Announcement 201-128, dated April 24, 2001

• DB2 Universal Database® (UDB) Personal Edition, V7.2 FP7 for Windows
  Software Announcement 201-128, dated April 24, 2001

• DB2® UDB Image, Audio and Video Extenders and Text Extender, V7.1
  Software Announcement 201-128, dated April 24, 2001

• DB2 UDB XML Extender, V7.2 FP7
  Software Announcement 201-128, dated April 24, 2001

• Net.Data® for Windows NT and Windows 2000, V7.2
  Software Announcement 201-128, dated April 24, 2001

• WebSphere MQ for Windows, V5.3.1
  Software Announcement 202-074, dated April 9, 2002

• Object REXX for Windows Interpreter Edition, V2.1
  Software Announcement 201-063, dated March 20, 2001

• TXSeries™ for Multiplatforms, V5.0
  Software Announcement 202-055, dated March 12, 2002

• Versata Logic Studio, V5.5
  Software Announcement 201-361, dated December 11, 2001

Trademarks

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Education Support

**Education**

Education information for WebSphere® Studio Enterprise Developer may be found at the WebSphere Training and Technical Enablement Web site:

http://www.ibm.com/websphere/developer/education-enablement

In particular, the following courses are available:

- Introduction to Java™ using WebSphere Studio (SW232)
- WebSphere Application Developer V5 Bootcamp (SW235)
- Development of WebServices Using IBM Tools (SW255)
- WebSphere JSP and Servlet Development with Intro to EJBs (SW225)
- Advanced EJB Topics (SW234)

**Consulting and Services**

**Rapid Application Development Mentored Workshop:**
This workshop gives you the fine edge by bringing an experienced IBM consultant to mentor your development staff. Not only will you receive the latest training materials developed by IBM, but you will also benefit from WebSphere Studio Enterprise Developer’s best practice skills and knowledge acquired from our consultant’s extensive field experience.

Before the workshop, the IBM mentor will interview the key players on your team to understand your specific goals and needs. As well, (s)he will determine the on-site mentoring environment with the appropriate people in your organization.

At the beginning of the workshop, the IBM mentor will assess the environment, evaluate the skills of your developers, and conduct the workshop modules.

For each module, there will be a brief formal lecture to provide an understanding of the technology. Then the team will dive into customized, hands-on labs. The modules in this workshop include, but are not limited to, the following topics:

- Basic Overview
- Installation and Getting Started
- J2EE Overview
- Java Server Pages and HTML
- Server Configuration
- Web Tooling
- Testing Applications
- Debugging Applications
- Profiling Applications

**Rapid Application Development Skills Transfer Program:**
This WebSphere Studio Enterprise Developer Rapid Application Development Skills Transfer teaches the application development process for building e-business applications with WebSphere Studio Enterprise Developer technology. Intended for software developers, this program teaches the fundamentals of rapid application development programming using EGL along with other WebSphere Studio Enterprise Development tools including the Struts framework.

When you order WebSphere Studio Enterprise Developer, you also receive VisualAge® Enterprise Suite, which includes VisualAge Generator. VisualAge Generator allows you to do rapid application development of Web transactions and also Text User Interface (TUI). WebSphere Studio Enterprise Developer’s EGL will have a migration of all VisualAge Generator components in following versions of WebSphere Studio Enterprise Developer. If you have a need to develop TUI or Web User Interface records, you will want to use VisualAge Generator.

Not only will you receive the latest training materials developed by IBM, but you will also benefit from WebSphere Studio Enterprise Developer’s best practice skills and knowledge acquired from our consultant’s extensive field experience.

Formal education is estimated at five days. This education is customized to your needs. If you are using VisualAge Generator for TUI or Web User Interface records, then the education will include the VisualAge Generator training. Installation of the software and SCM, and also the connectivity to CICS® and DB2®, if required, is part of this program. The hands-on workshop session typically spans ten weeks in alternating two-week mentored/unmentored segments. During the hands-on (development) session, attendees develop part of their own application from top-to-bottom. Several iterations of the application are developed and delivered during the ten-week period. Testing is an integral part of the development process.

This program immerses the attendees in the technology and process. The hope is that, with each immersion, the attendee can be more successful with e-business and prepared to take on serious development responsibilities more quickly. The WebSphere Studio Enterprise Developer Rapid Application Development Skills Transfer Program is not intended to generate mentors and senior developers. For these sorts of roles there is no substitute for years of development experience.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: http://www.ibm.com.
Scoping Session:  Two days
• Document high-level requirements
• Education plan
• Development roadmap including delivery schedule for development sessions

Installation:  Approximately five days, determined by Scoping Session
• Install Software
• Setup Connectivity to CICS as needed
• Setup Connectivity to DB2 as needed
• Setup Source Code Manager as needed
• Other Setup and Configuration as needed

Formal Education:  Approximately five days, determined by Scoping Session
• Formal education in preparation for the Development Session

Development Session:  Approximately 15 days, determined by Scoping Session
• The first iteration of application with limited functionality
• Application Developers prepared to develop industrial strength applications

Follow up:  Five days
• Review development process and implementation
• Document feedback on progress
• Provide feedback on how to proceed with development

Enterprise Modernization Mentored Workshop:  This workshop gives you the fine edge by bringing an experienced IBM consultant to mentor your development staff. Not only will you receive the latest training materials developed by IBM, but you will also benefit from WebSphere Studio Enterprise Developer’s best practice skills and knowledge acquired from our consultant’s extensive field experience.

Before the workshop, the IBM mentor will interview the key players on your team to understand your specific goals and needs. As well, the on-site mentoring environment will be determined based on the appropriate people in your organization.

At the beginning of the workshop, the IBM mentor will assess the environment, evaluate the skills of your developers, and conduct the workshop modules.

For each module, there will be a brief formal lecture to provide an understanding of the technology. Then the team will dive into customized, hands-on labs. The modules in this workshop include, but are not limited to, the following topics:

• Basic Overview
• Installation and Getting Started
• J2EE Overview
• Java Server Pages and HTML
• Server Configuration
• Web Tooling
• Testing Applications
• Debugging Applications
• Profiling Applications
• Database Tooling
• Team Development
• Best Practices
• EGL Overview
• Connectors
• Web Services
• IDE for z/OS™
• WebSphere Studio Asset Analyzer
• VisualAge Generator

Enterprise Modernization Skills Transfer:  This WebSphere Studio Enterprise Developer Enterprise Modernization Skills Transfer teaches the application development process for building e-business applications with WebSphere Studio Enterprise Developer technology. Intended for software developers, this program teaches the fundamentals of enterprise programming using COBOL or PL/I along with other WebSphere Studio Enterprise Development tools including the Struts framework and Web Services.

Using WebSphere Studio Asset Analyzer, you will be able to take existing COBOL or PL/I programs to determine what functionality you can use in the Web programs.

Not only will you receive the latest training materials developed by IBM, you will also benefit from WebSphere Studio Enterprise Developer’s best practice skills and knowledge acquired from our consultant’s extensive field experience.

Customized to your needs, formal education is estimated at five days. Installation of the software and SCM, and also the connectivity to CICS and DB2, if required, is part of this program. The hands-on workshop session typically spans 10 weeks in alternating 2-week mentored/unmentored segments. During the hands-on (development) session, attendees develop part of their own application from top-to-bottom. Several iterations of the application are developed and delivered during the ten-week period. Testing is an integral part of the development process.

This program immerses the attendees in the technology and process. The hope is that, with each immersion, each attendee will more rapidly learn how to be successful with e-business and be prepared to take on serious development responsibilities more quickly. The WebSphere Studio Enterprise Developer Enterprise Modernization Skills Transfer Program is not intended to generate mentors and senior developers. For these sorts of roles there is no substitute for years of development experience.

Scoping Session:  Two days
• Document high-level requirements
• Education plan
• Development roadmap including delivery schedule for development sessions

Installation:  Approximately five days, determined by Scoping Session
• Install Software
• Set up Connectivity to CICS, as needed
• Set up Connectivity to DB2, as needed
• Set up Source Code Manager, as needed
• Other Setup and Configuration, as needed

Formal Education:  Approximately five days, determined by Scoping Session
• Formal education in preparation for the Development Session

Development Session:  Approximately 15 Days, determined by Scoping Session
• The first iteration of application with limited functionality
• Application Developers prepared to develop industrial strength applications
Follow up: Five days

- Review development process and implementation
- Document feedback on progress
- Provide feedback on how to proceed with development

Offering Information

Product information is available through Offering Information (OITOOL) at:

http://www.ibm.com/common/ssi

Publications

No hardcopy publications are shipped with this program.

Displayable Softcopy Publications: Product publications are offered in displayable softcopy form. The displayable manuals and online help are shipped with the basic machine-readable material.

Technical Information

Hardware Requirements

- Intel® Pentium® II processor minimum, Pentium III 500 MHz, or higher, is recommended.
- VGA (800 x 600) display, or higher (1024 x 766 recommended).
- 512 MB RAM minimum, 768 MB RAM, or higher, is recommended.
- 800 MB minimum available disk space (based on NT File System; actual disk space on FAT depends on hard drive size and partitioning).

Software Requirements

- TCP/IP installed and configured.
- One of the following:
  - Microsoft™ Windows® XP Professional or Server or Advanced Server
  - Microsoft Windows 2000 Professional or Server or Advanced Server with Service Pack 1, or later
  - Microsoft Windows NT® Workstation or Server V4.0 with Service Pack 6a, or later
- Microsoft Internet Explorer 5.5 with Service Pack 1, or later.
- Enterprise Developer Server V5.0 (5655-I57) is required to run EGL programs generated for z/OS CICS.

For the most current information on prerequisite software for WebSphere Studio Enterprise Developer, refer to the product Web site at:

http://www.ibm.com/software/ad/studioedm/

Also included in the WebSphere Studio Enterprise Developer, V5.0 media package are a number of complementary product offerings. For a list of the included offerings, refer to the Reference Information section. Refer to the separate complementary product offerings’ announcement letters, listed in the Reference Information section, for software requirements for those complementary products.

Planning Information

Packaging: The WebSphere Studio Enterprise Developer Passport Advantage media package is distributed with basic machine-readable material on CDs. This program, when downloaded from a Web site, contains the applicable IBM license agreement and License Information (LI), if appropriate, and will be presented for acceptance at the time of installation of the program. The license and LI will be stored in a directory such as LICENSE.TXT for future reference.

Ordering Information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product Group: WebSphere Studio Enterprise Developer

Product Identifier Description (PID): WS Studio Enterprise Developer (5724-B67)

Product Category: WS Studio Enterprise Developer

WebSphere Studio Enterprise Developer is a product which has one charge unit — user installs.

Passport Advantage

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Passport Advantage — Trade-Up:

Trade-ups to WebSphere Studio Enterprise Developer V5.0 are available for the following products via Passport Advantage:

- VisualAge COBOL V3
- VisualAge PL/I V2
- WebSphere Studio Application Developer V4 and V5
- WebSphere Studio Application Developer Integration Edition V4 and V5

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Passport Advantage — Media Pack Entitlement Details:

Customers with active maintenance or subscription for the products listed below are entitled to receive and licensed to use the corresponding media pack.

Entitled Maintenance Offerings Description

VisualAge Enterprise Suite
VisualAge Generator Developer
WebSphere Studio Enterprise Developer
Media Packs Description Part Number
WS St Ent Developer V5.0 Media Package BA00KML

Withdrawal of Previous Passport Advantage Part Numbers: The following IPLA software part numbers are being replaced or obsoleted by this announcement. The effective withdrawal date is May 5, 2003.

Orders for these part numbers will not be accepted after the stated effective date of withdrawal, nor will normal marketing activities or educational support be available unless previous agreement exists between the customer and IBM.

Withdraw from Marketing Information

Program Name/Description Part Number
WebSphere Studio Enterprise Developer V5.0 Early Availability Media Package BA00KNA
VisualAge Enterprise Suite V4.0 Media Package, International English Media Package, Japanese BA05FML BA05FJA
One User Lic/SW Maint 1 Ann D5AI2LL
One User Lic/SW Maint 2 Ann D5AI3LL
One User SW Maint Aft Lic 1 Ann D5AI5LL
One User SW Maint Rnwl 1 Ann E1A4LL

New Release Information
WebSphere Studio Enterprise Developer V5.0 — Media Package, Multilingual BA00KML

Terms and Conditions
This product is only available via Passport Advantage. It is not available as shrinkwrap.

Licensing: IBM International Program License Agreement. Proofs of Entitlement are required for all authorized use. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

LI Form Number: L-CMES-5EQKRX

Limited Warranty Applies: Yes

Program Services: Program services for WebSphere Studio Enterprise Developer, V5.0, will be available until November 30, 2005.

Also included in the media package are a number of complementary product offerings. For a list of the included offerings, refer to the Reference Information section.

For program services information for those complementary products, refer to the separate complementary program’s announcements listed in that section.

Money-Back Guarantee: If for any reason you are dissatisfied with the program, return it within 30 days from the invoice date to the party (either IBM or its reseller) from whom you acquired it for a refund. This applies only to your first acquisition of the program.

Copy and Use on Home/Portable Computer: No

Volume Orders (IVO): No

Passport Advantage Applies: Yes, and through the Passport Advantage Web site at:
http://www.ibm.com/software/passportadvantage

Software Maintenance Applies: Yes

Software Maintenance, previously referred to as Subscription and Technical Support, is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this letter is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice and/or electronic access into the IBM support organizations.

IBM includes Software Maintenance with each program acquired during the coverage period. The coverage period means the period commencing on the date you acquire the program up to the first or second anniversary date, depending on whether you acquired coverage for one or two anniversaries. The coverage period for Software Maintenance acquired in the two months preceding an anniversary date will be extended to the next applicable anniversary date.

While your Software Maintenance is in effect, IBM provides you assistance for your routine, short-duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult your IBM Software Support Guide at:
http://techsupport.services.ibm.com/guides/handbook.html

Software Maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under this agreement.

For more information, about the Passport Advantage Agreement, refer to the IBM International Passport Advantage Agreement Software Announcement 201-202, dated July 10, 2001, or visit the Passport Advantage Web site at:
http://www.ibm.com/software/passportadvantage

IBM Operational Support Services — Support Line: No

AIX®/UNIX® Upgrade Protection Applies: No

Entitled Upgrade for Current AIX/UNIX Upgrade Protection Licensees: No

iSeries™ Software Subscription Applies: No

Variable Charges Apply: No

Educational Allowance Available: Not applicable.
Prices

Passport Advantage

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