IBM WebSphere Portlet Factory V6.1.5 supercharges delivery of enterprise ready Web 2.0 applications with rich, interactive interfaces that deliver exceptional user experiences

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At a glance

IBM® WebSphere® Portlet Factory V6.1.5 delivers new features enabling visual creation and rapid delivery of richer, faster, more interactive and scalable applications that easily integrate data from multiple back-end systems.

Enhancements

- New support for the latest, advanced User Interface widgets and controls for delivery of exceptional user experiences
- New visual application construction and User Interface modification capabilities enabling fast, simple application construction
- New transformation capabilities providing easy integration and manipulation of data sourced from multiple back-end systems
- Improved memory and application performance enabling creation of faster, more scalable applications
- Updated support for leading open standards for creation of standards based, interoperable applications

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Reference: YE001

Overview

IBM WebSphere Portlet Factory V6.1.5 is a rapid application development environment that dramatically accelerates and simplifies the deployment, maintenance, and reuse of custom Web 2.0 portlets and applications that deliver exceptional user experiences. IBM WebSphere Portlet Factory helps you achieve faster time-to-value, accelerated deployments and greater productivity from your IBM WebSphere Portal, IBM Mashup Center, and IBM WebSphere Application Server implementations.

IBM WebSphere Portlet Factory V6.1.5 delivers the following new key features:

- Easy creation of rich, interactive applications with advanced Dojo toolkit based User Interface widgets and controls for delivery of exceptional user experiences

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- Visual application construction leveraging drag-and-drop to add functions or modify User Interface layouts, enabling fast and simple application creation
- Easy transformation and manipulation of data from multiple back-end systems including combine, filter, group, map, merge, modify, and sort capabilities, enabling easy integration and delivery of high-value information
- Rapid, hassle-free deployment to remote IBM WebSphere Portal and IBM WebSphere Application Server systems running on-premise or in the cloud
- Enhanced support for globally distributed team development providing effortless and configureless integration with leading source control systems including IBM Rational® ClearCase®, Concurrent Versions System (CVS), and Subversion
- Improved memory and application performance via service layer integration with DynaCache and optimized Web service processing for creation of faster, more scalable applications
- Optimized and streamlined developer user experience including a simplified and contextual indirect reference picker and improved builder call list with expand/ collapse functionality
- Updated support for leading open standards including JavaScript™ Object Notation (JSON), Java™ API for XML Based Web Services (JAX-WS), and Web Services for Remote Portlets (WSRP) enabling creation of standards-based, interoperable applications
- Rapid modification of the entire application or specific User Interface look and feel from a centralized theme providing consistent and fast rebranding capabilities
- Updated support for the latest development and deployment platforms including:
  – Eclipse 3.4.2, IBM Rational Application Developer and IBM Rational Studio Architect V7.5.4 and IBM WebSphere Integration Developer V6.2
  – IBM WebSphere Portal V6.1.5, IBM Mashup Center 2.0, IBM WebSphere Application Server V7.0.x, and IBM WebSphere Application Server Community Edition V2.1.1.2

Key prerequisites

Refer to the Hardware requirements and Software requirements sections for details.

Planned availability date

November 25, 2009: Electronic software delivery

December 11, 2009: Media and documentation

Description

IBM WebSphere Portlet Factory's ease-of-use and advanced development features dramatically streamline the entire portlet and application development process. IBM WebSphere Portlet Factory enables developers to deliver adaptive, robust Web 2.0 portlets and applications significantly faster and cheaper than using traditional application development methods.

WebSphere Portlet Factory enables the creation of custom portlets and applications that run in IBM WebSphere Portal, IBM Mashup Center, IBM WebSphere Application Server, and IBM Lotus Notes® 8 clients from a single code base. Native integration with IBM WebSphere Portal accelerates portal deployment and provides support for key APIs such as request, response, and session in addition to:

- Templates: Enable users to create and reuse composite applications by arranging portlets into templates that can be deployed to different communities (for example, departments, teams, and other groups of users).
- Cooperative portlets: Easily incorporate inter-portlet communication techniques such as click to action and portlet wiring.

- People awareness: Seamlessly integrate collaboration into your portal, enabling users to send instant messages and e-mails simply by clicking on a person's name.
- Credential vault: Easily leverage the WebSphere Portal Credential Vault or LTPA tokens to provide single sign-on capabilities.
- Automated deployments: Automatically deploy and redeploy portlet war files to WebSphere Portal -- without having to generate any scripts or XML deployment descriptors.
- WebSphere Portal groups, user attributes, and personalization rules: Easily deploy portlets that can automatically adapt depending on the user.
- WebSphere Portal modes: Automatically generate fully functioning user interfaces for each of the portlet modes, including view, edit, and configure.

IBM WebSphere Portlet Factory V6.1.5 provides the following benefits:

- Accelerates portal and application deployments.
- Increases developer productivity and reduces development costs.
- Extends portlet and application creation to a broader development community enabling developers of all skill sets to build multipage, complex portlets and applications without coding.
- Leverages existing enterprise applications and IT assets to quickly create composite, high-value portlets and applications that leverage existing investment in current applications (SAP, PeopleSoft, Siebel, Lotus® Domino®) and databases.
- Creates new portlets and applications on demand to generate multiple customized portlets and applications for various users or application contexts without changing underlying code.
- Empowers business users to create, customize, and manage portlets to help remove IT bottlenecks and reduce time to market by empowering business user configuration.
- Automates frequently occurring development tasks that capture commonly used design patterns and company-specific business processes as reusable components for all developers, enforcing application architecture and development best practices.
- Easily complies to open standards to quickly build portlets and applications without needing to know the specifics of the underlying standards such as JSR-168, JSR-286, and technologies such as Ajax.

Section 508 of the U.S. Rehabilitation Act

IBM WebSphere Portlet Factory is capable as of December 11, 2009 , when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A U.S. Section 508 Voluntary Product Accessibility Template (VPAT), containing details on the products accessibility compliance, can be requested on the following Web site

http://www.ibm.com/able/product_accessibility/index.html

Statement of direction

None.

All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.

Availability of national languages

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Product description         Language        GA date

WS Portlet Factory V6.1.5   Multilingual    December 11, 2009
                            (French,
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                              Korean,
                              Chinese -
                              Simplified,
                              Spanish,
                              Portuguese-Brazilian,
                              German,
                              Japanese,
                              Chinese -
                              Traditional,
                              English,
                              Italian)
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Program number

Program number	VRM	Program name
5724-O03	6.1.5	IBM WebSphere Portlet Factory

Education support

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http://www.ibm.com/services/learning/

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http://www.ibm.com/software/lotus/training

Offering Information

Product information is available via the Offering Information Web site

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

Also, visit the Passport Advantage® Web site

http://www.ibm.com/software/passportadvantage

Publications

No publications are shipped with this product.

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Technical information

Specified operating environment

Hardware requirements

For a detailed list of software and hardware requirements, refer to the release notes on the WebSphere Portlet Factory product documentation web site at

http://www.ibm.com/developerworks/websphere/zones/portal/portletfactory/proddoc.html

Software requirements

None.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

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Packaging

WebSphere Portlet Factory software will be distributed through a media package and electronic software distribution (ESD).

WebSphere Portlet Factory media package is distributed in one package with the following:

- WebSphere Portlet Factory Product CDs.
- Softcopy product documentation including README files are included on the product CDs.

The License Information form number for WebSphere Portlet Factory is L-JCOL-7VVG86.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

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Ordering information

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Product information

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Licensed function title          Product group    Product
                                                   category

IBM WebSphere Portlet Factory     WebSphere IBM WebSphere
                                   Portal         Portlet
                                                  Factory
IBM WebSphere Portlet Factory     WebSphere IBM WebSphere
 Designer                          Portal         Portlet
                                                  Factory
                                                  Designer
Program name                      PID       Charge unit
                                  number    description

IBM WebSphere Portlet Factory     5724-O03  Per Processor
                                             Value Unit (PVU)
IBM WebSphere Portlet Factory     5724-O03  Per Value Unit
                                             for Linux® on
                                             System z
IBM WebSphere Portlet Factory     5724-O03  PA Per
 Designer                                    Authorized User
IBM WebSphere Portlet Factory     5724-O03  PA per
 Designer                                    Authorized User
                                             for Linux on z
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Charge metrics definitions

Processor Value Unit (PVU)

Processor Value Unit (PVU) is a unit of measure by which this software product can be licensed. PVU entitlements are based on processor technology (defined within the PVU table* by processor vendor, brand, type and model number). IBM continues to define a processor, for purposes of PVU-based licensing, to be each processor core on a chip. Each software product has a unique price per PVU. To determine the total cost of deploying an individual software product in a specific hardware environment, you must take the following steps:

1. For each processor core in the hardware environment on which the software product is to be licensed, determine the PVU requirement based on its processor technology per the PVU table*.
2. Add the PVU requirements for all processor cores in the hardware environment.
3. Multiply the software product's price per PVU by the total number of PVUs required as determined in step 2 above.

PVU entitlements are specific to a software product and may not be exchanged, interchanged, or aggregated with PVU entitlements of another software product.

Unless you have deployed eligible sub-capacity products according to the sub-capacity* terms, you must obtain PVU Proof of Entitlements (PoEs) for the maximum number of activated** physical processor cores in the hardware environment made available to or managed by the software product. This is also referred to as full capacity licensing.

* For information regarding PVU and sub-capacity licensing, including the latest PVU table, visit

   http://www.ibm.com/software/lotus/passportadvantage/
   pvu_licensing_for_customers.html

** Activated processor cores are physical processor cores that are available for use in a server. They include processor cores:

- That are activated (available for use) when the server is shipped by the manufacturer
- That are activated subsequently through activation codes purchased from the server manufacturer by the customer
- Whose capacity can be limited by the customer through Virtualization technologies, Operating System commands and BIOS settings.

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Passport Advantage program licenses

IBM WebSphere Portlet Factory

Part description	Part number
IBM WebSphere Portlet Factory	
IBM WebSphere Portlet Factory Processor Value Unit (PVU) Annual SW S&S Rnwl	E02H7LL
IBM WebSphere Portlet Factory Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D57XYLL
IBM WebSphere Portlet Factory Processor Value Unt (PVU) SW S&S Reinst 12 Mo	D57YNLL

IBM WebSphere Portlet Factory

Part description	Part number
IBM WebSphere Portlet Factory Designer	
IBM WebSphere Portlet Factory Designer Auth User Annual SW S&S Rnwl	E02GDLL
IBM WebSphere Portlet Factory Designer Auth User Lic + SW S&S 12 Mo	D57SFLL
IBM WebSphere Portlet Factory Designer Auth User SW S&S Reinstate 12 Mo	D57SGLL

Passport Advantage supply

Program name/description	Part number
WS Portlet Factory V6.1.5	
IBM WebSphere Portlet Factory and Portlet Factory Designer V6.1.5 MP ML MP	BS09AML

Passport Advantage customer: Media pack entitlement details

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

WS Portlet Factory V6.1.5

Entitled maintenance offerings description	Media packs description	Part number
IBM WebSphere Portlet Factory Designer Authorized User	IBM WebSphere Portlet Factory and Portlet Factory Designer V6.1.5 MP ML MP	BS09AML
IBM WebSphere Portlet Factory Designer Authorized User for zSeries®	IBM WebSphere Portlet Factory and Portlet Factory Designer V6.1.5 MP ML MP	BS09AML
IBM WebSphere Portlet Factory Value Unit	IBM WebSphere Portlet Factory and Portlet Factory Designer V6.1.5 MP ML MP	BS09AML
IBM WebSphere Portlet Factory Value Unit for zSeries	IBM WebSphere Portlet Factory and Portlet Factory Designer V6.1.5 MP ML MP	BS09AML

Cross-platform products

Cross-platform product for use on System z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on System z® servers or when the product will be communicating and/or transferring data between a distributed server and a System z server. Otherwise order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Cross-platform product for use on System z Integrated Facility for Linux (IFL) engines

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IBM WebSphere Portlet Factory

Part description	Part number
IBM WebSphere Portlet Factory	
IBM WebSphere Portlet Factory PVU Linux on System z Annual SW S&S Renewal	E02H9LL
IBM WebSphere Portlet Factory PVU Linux on System z Lic + SW S&S 12 Mo	D57ZVLL
IBM WebSphere Portlet Factory PVU Linux on System z SW S&S Reinstate 12 Mo	D5800LL

IBM WebSphere Portlet Factory

Part description	Part number
IBM WebSphere Portlet Factory Designer	
IBM WS Portlet Factory Des for Linux on System z AU Annual SW S&S Rnwl	E02GALL
IBM WS Portlet Factory Des for Linux on System z AU Lic + SW S&S 12 Mo	D57S7LL
IBM WS Portlet Factory Des for Linux on System z AU SW	D57S9LL

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This software license includes Software Subscription and Support (also referred to as Software Maintenance).

License Information form number

Program name	Program number	Form number
IBM WebSphere Portlet Factory	5724-O03	L-JCOL-7VVG86

The program's License Information will be available for review on the IBM Software License Agreement Web site

http://www.ibm.com/software/sla/sladb.nsf

Limited warranty applies

Yes

Warranty

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IBM WebSphere Portlet Factory:  No
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International Passport Agreement

Volume orders (IVO)

No

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Yes, and through the Passport Advantage Web site at

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System i Software Maintenance applies

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