IBM Business Developer 9.7 delivers Enterprise Generation Language Rich User Interface modernization, Enterprise Generation Language for cloud capabilities, and user productivity enhancements

Overview

IBM(R) Rational(R) Business Developer 9.7 and its Enterprise Generation Language (EGL) programming language enables business-oriented programmers to leverage the benefits and technology of Java(TM), J2EE, browser platforms, IBM i, and IBM Z(R) without having to learn all the underlying technologies. Paired with powerful capabilities to support cross-platform development, it is designed to hide the technical details of the deployment platform and associated middleware programming interfaces. These enable developers to focus on the business problem rather than the underlying implementation technologies to develop modern EGL applications that include cloud support.

Rational Business Developer 9.7 enhancements:

- Can develop modern responsive web applications with modernized Rich User Interface (UI) and automated Rich UI generation support
- Compatible with latest corequisite and prerequisite products
- Can generate and deploy EGL applications for the cloud

It comes with a drag-and-drop feature for services and automated Rich UI generation that uses the EGL Data Access Application wizard for quicker UI development and faster time to market.

With Rational Business Developer, organizations can create EGL applications for the cloud. deploy them on the cloud, and create EGL microservices by integrating with IBM MQ.

Rational Business Developer 9.6 supports IBM CICS(R) applications as a consumer of REST services. In 9.7, CICS applications can also be providers of REST APIs. This results in a powerful solution for the use of EGL-based applications in modern application architectures.

With Rational Business Developer 9.7, organizations can accomplish the following:

- Create documentation for REST APIs with OpenAPI 2.0 and 3.0 support
- Use GitHub as a source code repository for EGL applications with Git support

Key requirements

For details, see the Software requirements section.

Planned availability date

June 16, 2022

Availability within a country is subject to local legal requirements.

Description

Rational Business Developer 9.7 delivers functions that are derived from an iterative design thinking initiative. The requirements represent the real and relevant capabilities of rapid business application development using EGL. The goal is to reduce the learning curve for business developers and to let them to focus on business problems rather than having them learn technology and frameworks.

Rational Business Developer 9.7 adopts a design thinking principle that includes users and starts from roadmap discussions through the development cycle. With Rational Business Developer, organizations get the following:

- Consistent and regular feedback from users to meet the organization's needs
- Can develop modern, responsive web applications with modernized Rich UI and automated Rich UI generation support
- Can generate and deploy EGL applications for the cloud and use MQ integration to create EGL microservices
- Can integrate with the latest versions of compatible products
- Ability to create and consume REST APIs in CICS environment using EGL applications
- Uses JSON parse and JSON generate support for Power$^{(R)}$ Systems
- Uses GitHub as SCM tool for EGL projects
- Uses OpenAPI 2.0 or 3.0 to create impactful documentation for EGL REST APIs so that they can be consumed by third-party applications

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the IBM Accessibility Conformance Reports website.

Statement of general direction

Oracle JDK for Mac has an announced end of support (EoS) in 2025. IBM intends to remove Rational Business Developer 9.7 Mac support at that time.

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Reference information

For more information about IBM Rational Business Developer, see Software Announcement ZP19-0526, dated October 22, 2019.

Program number

Program number	VRM	Program name
5724-S50	9.7.0	IBM Rational Business Developer

Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage[(R)] and Passport Advantage Express website.

Publications

Technical documentation for Rational Business Developer can be found in IBM Documentation.

Services

IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power[(R)] servers, IBM Storage systems, IBM Z, and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants online or onsite around the world.

For assistance, contact Systems Lab Services at ibmsls@us.ibm.com.

To learn more, see the IBM Systems Lab Services website.

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TSS offers extensive IT maintenance and support services that cover more than one niche of a client's environment. TSS covers products from IBM and OEMs, including servers, storage, network, appliances, and software, to help clients ensure high availability across their data center and hybrid cloud environment.

For details on available services, see the Technology support for hybrid cloud environments website.

IBM Expert Labs

Expert Labs can help clients accelerate their projects and optimize value by leveraging their deep technical skills and knowledge. With more than 20 years of industry experience, these specialists know how to overcome the biggest challenges to deliver business results that can have an immediate impact.

Expert Labs' deep alignment with IBM product development allows for a strategic advantage as they are often the first in line to get access to new products, features, and early visibility into roadmaps. This connection with the development enables them to deliver First of a Kind implementations to address unique needs or expand a client's business with a flexible approach that works best for their organization.

For additional information, see the IBM Expert Labs website.

IBM Security$^{(R)}$ Expert Labs

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For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the IBM Security Expert Labs website.

Technical information

Specified operating environment

Software requirements

For software requirements, see the Software Product Compatibility Reports website.

If you use IBM WebSphere$^{(R)}$ Application Server Liberty and WebSphere Application Server for development:

- See the IBM Support website and download the latest version of WebSphere Application Server Liberty runtime to continue to receive support for development environments
- See the IBM Blog web page and download WebSphere Application Server traditional runtime to continue to receive support for development environments

Business Developer 9.7 delivers Dojo 1.15 (open-source variant) of Dojo technology.

IBM Dojo 1.10 is no longer supported. Clients can continue to use the deprecated Dojo 1.10 if using Bidi Dojo widgets.

IBM Support

IBM Support is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the IBM Support Insider.

Additional IBM support

IBM Client Engineering for Systems

Client Engineering for Systems is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering for Systems, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development, and measure the value of everything you do. Client Engineering for Systems has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering for Systems at sysgarage@ibm.com.

Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

Ordering information

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Passport Advantage

There is no new ordering information in this release.

Charge metric

Charge metric information can be found in the corresponding License Information document.

Program number	License Information document title	License Information document number
5724-S50	IBM Rational Business Developer	L-MEMS-CBN3YR
	IBM Rational Business Developer Extension for VSE	L-MEMS-CBN3UE

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License Information number

Program number	License Information document title	License Information document number
5724-S50	IBM Rational Business Developer	L-MEMS-CBN3YR
	IBM Rational Business Developer Extension for VSE	L-MEMS-CBN3UE

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Limited warranty applies

Yes

Limited warranty

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Enhanced support

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This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, through an announcement letter, of discontinuance of support with 12 months' notice.

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For additional information on the IBM Software Support Lifecycle Policies, see the Standard and enhanced IBM support lifecycle policies website.

Money-back guarantee

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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Volume orders (IVO)

No

Passport Advantage applies

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Software Subscription and Support applies

Yes. Software Subscription and Support, also referred to as Software Maintenance, is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the Passport Advantage and Passport Advantage Express website.

Variable charges apply

No

Educational allowance available

Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified clients through Passport Advantage.

Statement of good security practices

IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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Regional availability

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Middle East and Africa: Afghanistan, Algeria, Angola, Bahrain, Benin, Botswana, Burkina Faso, Burundi, Republic of Cabo Verde, Cameroon, Central African Republic, Chad, Democratic Republic of the Congo, Republic of the Congo, Republic of Côte d'Ivoire, Djibouti, Egypt, Equatorial Guinea, Eritrea, Kingdom of Eswatini, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Iraq, Jordan, Kenya, Kuwait, Lebanon, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Oman, Pakistan, State of Palestine, Qatar, Rwanda, Sao Tome and Principe, Saudi Arabia, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, United Republic of Tanzania, Togo, Tunisia, Turkey, Uganda, United Arab Emirates, Western Sahara, Yemen, Zambia, and Zimbabwe

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