

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

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## Overview

IBM<sup>(R)</sup> Rational<sup>(R)</sup> Business Developer 9.7 and its Enterprise Generation Language (EGL) programming language enables business-oriented programmers to leverage the benefits and technology of Java<sup>TM</sup>, J2EE, browser platforms, IBM i, and IBM Z<sup>(R)</sup> 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<sup>(R)</sup> 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

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For details, see the [Software requirements](#) section.

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## Planned availability date

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June 16, 2022

Availability within a country is subject to local legal requirements.

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## Description

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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<sup>(R)</sup> 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

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### Accessibility by people with disabilities

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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.

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## Statement of general direction

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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.

Statements by IBM regarding its plans, directions, and intent are subject to change or withdrawal without notice at the sole discretion of IBM. Information regarding potential future products is intended to outline general product direction and should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for IBM products remain at the sole discretion of IBM.

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## Reference information

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For more information about IBM Rational Business Developer, see Software Announcement [219-436](#), dated October 22, 2019.

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## Program number

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

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## Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage<sup>\(R\)</sup>](#) and [Passport Advantage Express](#) website.

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## Publications

Technical documentation for Rational Business Developer can be found in [IBM Documentation](#).

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## 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<sup>(R)</sup> 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](mailto:ibmsls@us.ibm.com).

To learn more, see the [IBM Systems Lab Services](#) website.

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For more information, contact Security Expert Labs at [sel@us.ibm.com](mailto:sel@us.ibm.com).

For additional information, see the [IBM Security Expert Labs](#) website.

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## **Technical information**

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### **Specified operating environment**

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#### ***Software requirements***

For software requirements, see the [Software Product Compatibility Reports](#) website.

If you use IBM WebSphere<sup>(R)</sup> 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](#).

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### **Planning information**

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#### **Packaging**

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

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### **Ordering information**

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#### **Passport Advantage**

There is no new ordering information in this release.

#### **Charge metric**

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

<b>Program number</b>	<b>License Information document title</b>	<b>License Information document number</b>
5724-S50	IBM Rational Business Developer	<a href="#">L-MEMS-CBN3YR</a>
	IBM Rational Business Developer Extension for VSE	<a href="#">L-MEMS-CBN3UE</a>

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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### **License Information number**

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<b>Program number</b>	<b>License Information document title</b>	<b>License Information document number</b>
5724-S50	IBM Rational Business Developer	<a href="#">L-MEMS-CBN3YR</a>
	IBM Rational Business Developer Extension for VSE	<a href="#">L-MEMS-CBN3UE</a>

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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Yes

## **Limited warranty**

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## **Program technical support**

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### **Enhanced support**

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**Variable charges apply**

No

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**Educational allowance available**

Not applicable

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**Statement of good security practices**

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**Prices**

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**Note:** Shipments will begin after the planned availability date.

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