

## EGL within the IBM software portfolio

The IBM Rational and IBM WebSphere groups offer a comprehensive solution that lets you leverage Java to build, integrate, expand, modernize and deploy software.

With broad support for all roles and activities in the software life cycle, products are integrated and offered across the following software categories.

**Requirements and analysis tools:** This product category includes requirements management tools, business modeling and data modeling tools.

**Design and construction tools:** IBM Rational provides tools for architecture, design modeling, construction, model-driven development, architected rapid application development (RAD), component testing and runtime analysis activities. These tools help developers maximize their productivity when building business applications, software products and systems, and embedded systems and devices.

→ [Enhance Generation Language \(EGL\) is featured in this product category.](#)

**Software quality tools:** Testing tools enable running quality assurance on software products, testing for code consistency, quality, functionality and performance.

**Software configuration management (SCM) tools:** These products include change and version control, asset management and defect tracking. Rational SCM support enables developers to work in their preferred integrated development environments (whether .NET, J2EE or a combination of IDEs) while reducing the server side costs.

**Process and project management.:** Lifecycle management is used to manage the development process, organize requirements and measure development progress.

## EGL Integration

The EGL technology has been tightly integrated into a core set of design and construction tools offered across the IBM Rational and IBM WebSphere Software groups.

**IBM Rational Web Developer (RWD)**

**IBM Rational Application Developer (RAD)**

**IBM WebSphere Enterprise Developer (WSED)**

**Application Developer Integrated Edition (WSIE)**

**Development Studio Client for iSeries:**

Built upon the Eclipse Open-Source platform, these products offer solutions for the full spectrum of developer roles and application technical requirements. In each product, EGL provides an alternative for developing in Java.

EGL Provides the abstraction necessary and the simplicity in programming needed to empower business oriented developers to create business logic and deploy and run it on virtually any runtime, without having to know the details of the target platform.

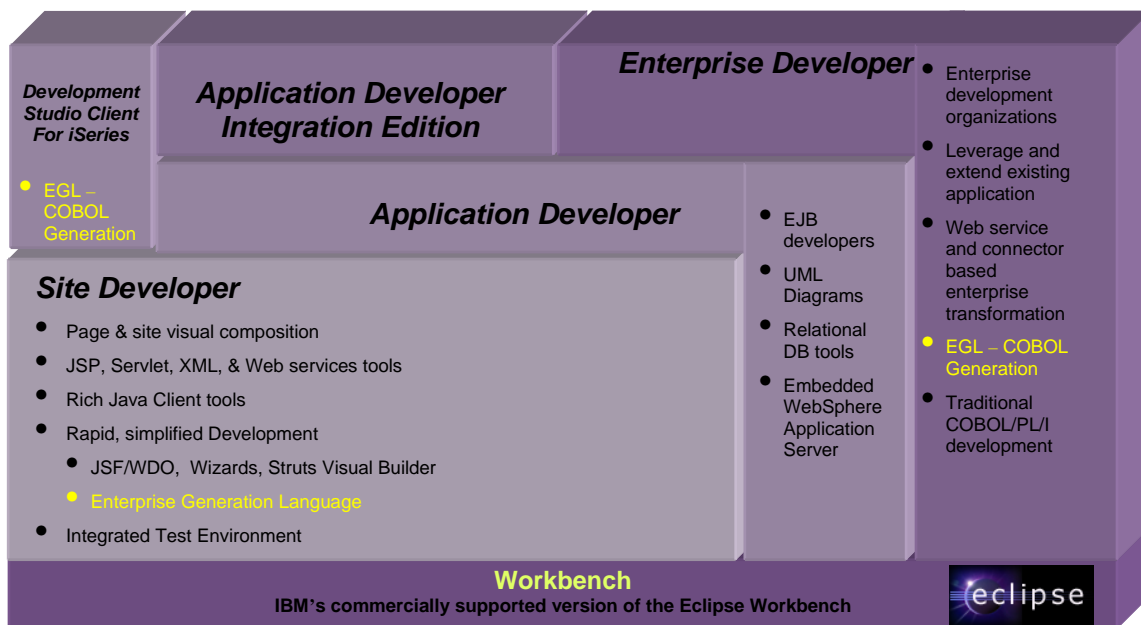
In the diagram below, you can see the EGL integration with the yellow text.

The core EGL Integration sits in the Site Developer (now called **Rational Web Developer**). This integration covers Page development by integrating the EGL language with the JSF controls. Controller logic can be written in Page Handlers that are associated with every JSP page. Business Logic can be written into EGL Libraries and EGL Programs.

**Application Developer** (RAD) inherits the EGL functionality that is integrated into Site Developer.

**WebSphere Enterprise Developer** (WSED) adds the capability to generate COBOL from EGL programs and libraries.

**Application Developer Integration Edition**: Like WSED, the Integration Edition provides tight integration with EGL and adds the ability to generate COBOL from EGL programs and libraries.



This diagram shows the products where EGL is tightly integrated.

To find out more about the The IBM Software Development Platform go to the following developerWorks page: <http://www-106.ibm.com/developerworks/platform/>.