

PROGRESS[®] DEVELOPER STUDIO FOR OPENEDGE[®]

AN INTEGRATED DEVELOPMENT ENVIRONMENT (IDE) BUILT ON ECLIPSE DESIGNED TO ENHANCE PRODUCTIVITY

In today's competitive marketplace, you can't afford to let anything slow you down. As a result, the software development platform you use is critical. It determines your productivity today—and the agility of your business tomorrow.

Yet it's not how much code a developer writes, but how much that developer contributes to the value of the business that determines productivity. Anything that reduces the time spent in low-value activities will free time for working on the key elements that dictate how a business operates: building the business logic and codifying your unique intellectual property.

In fact, software development tools can enhance developer productivity in two ways: first, *by simplifying the complex tasks of writing software* and, second, *by automating the mundane tasks*—to provide the developer with more time for building the business logic.

In addition, aside from being easy and fast to use, the tools must be able to build high-quality, robust business applications that won't quickly become out-of-

HIGHLIGHTS

- > *Highly productive environment*
- > *Single development environment*
- > *Reduced complexity*
- > *Increased automation*
- > *Lower development and ongoing management costs*
- > *Open and standards-based*
- > *Reduces the potential for errors that can occur when manually writing code*
- > *Built on Eclipse*
- > *Easy to use and adopt*

date. In short, to optimize productivity, reduce time to market, and ensure application success, you need a development environment that provides:

- > A standards-based IDE that is familiar and easy to master by all developers
- > An intuitive business language to easily author and maintain business logic as business needs change
- > Service-oriented development constructs so you can easily deploy and share your business processes and policies with your trading partners
- > A role-based workspace that provides developers with access to just the right tools in a personalized layout most comfortable for them
- > An open architecture that enables you to plug in other commercial tools, getting you to market faster

Studies show that Progress has the lowest overall administrative overhead costs in the industry—73% less than Oracle, 50% less than IBM, and 37% less than Microsoft—as well as the highest ROI

Aberdeen Group & InfoStructure Associates

All of these features are, in fact, available today in Progress® Developer Studio for OpenEdge®, an integrated development environment that will help you quickly build business logic, access business process management (BPM) tools, manage application data sources, and seamlessly test and deploy code.

PRODUCTIVITY TOOLS FOR ARCHITECTS AND DEVELOPERS

With Developer Studio for OpenEdge, developers gain an open and extensible toolset to further enhance their productivity. Its project-based development environment offers an intuitive directory hierarchy assuring that you stay in sync as your projects evolve.

Developer Studio for OpenEdge also simplifies the developer's life by providing a fully configurable workspace with role-based views on the software development artifacts. Whether you are an architect, developer, or DBA, you can easily configure and access a palette of task-appropriate tools without leaving your workspace. If you play all three roles, you can easily move from one view to another, eliminating the difficulty of mastering multiple development environments.

Simply put, Developer Studio for OpenEdge is the most complete and diversified integrated development platform of its kind for building and managing service-oriented business applications. It is based on two decades of Progress experience in providing infrastructure for leading, diverse applications like ERP and financial trading, across varied industries such as retail, manufacturing, telecommunications, financial services, and more. Our goal at Progress Software is to maximize the benefits of information technology while minimizing its complexity. Here's a closer look at how OpenEdge achieves this goal.

IMPROVING PRODUCTIVITY WITH THE ABL

The cornerstone of the OpenEdge development platform is the Advanced Business Language (ABL), its powerful programming language. This is the only language on the market that has been specifically purposed to build end-to-end business applications, including business logic, user interfaces and complex data management.

Unlike traditional third-generation languages (3GL), the ABL empowers application developers to manage relational data in a way that models how the business operates, making ABL particularly well-suited for world-class business applications. In turn, this makes it easy to leverage business terminology and statements to quickly express rich business rules that everyone can understand.

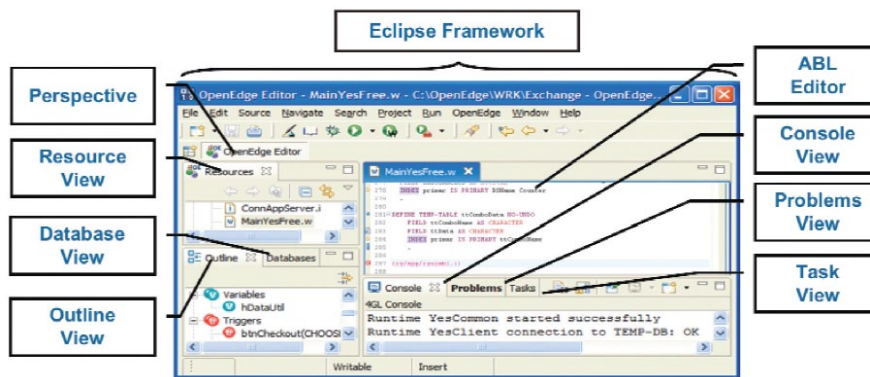
The productivity gains of ABL are unparalleled because single programming statements in ABL can do the work of dozens and possibly hundreds of lines of code in a general-purpose language, such as Visual Basic or Java. Therefore, unlike other programming languages, ABL does not require programmers to learn a separate data query language.

In addition, ABL uniquely leverages object-oriented programming by combining it with procedural programming constructs. Consequently, developers can tightly interoperate with existing .NET and Java applications without forfeiting the advantages of procedural constructs. Such constructs are better suited for building sophisticated business application workflows and sequentially driven tasks.

ABL not only makes it easy to express business logic, but also abstracts the developer from having to worry about underlying technologies the application will leverage once deployed. When developing in ABL, the programmer has to worry only about what matters most: the business logic that drives the business.

With one powerful language, developers can create a business solution that can be deployed as a host-based, client-server, or distributed application, without having to design for any particular target. They can also design a variety of user interface (UI) styles such as character based, HTML, and GUI, as well as various client access methods including hand-held devices, industrial instruments, Web browsers, and client workstations. The ABL also operates seamlessly in heterogeneous environments, allowing it to run on multiple operating systems and hardware platforms (UNIX, Linux, and Microsoft) without having to rewrite or modify the code.

LEVERAGING THE FLEXIBILITY OF ECLIPSE

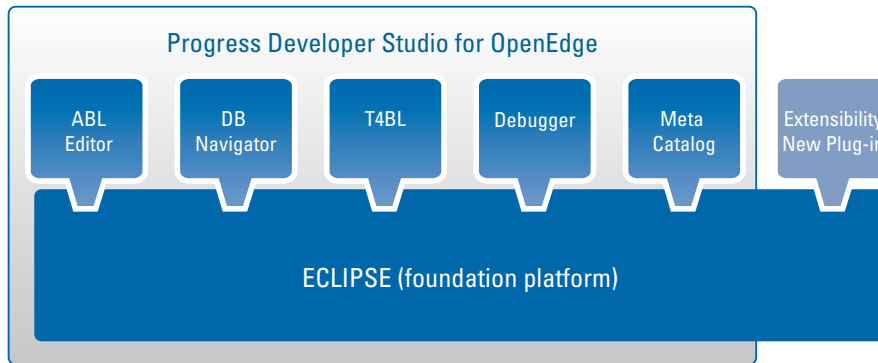


Developer Studio for OpenEdge provides an Eclipse-based workspace that is easily configurable for role-based views

Built on Eclipse, Developer Studio for OpenEdge joins an expanding environment of software development tools. The Eclipse platform provides an infrastructure that allows software tools to plug in and share a common look and feel, providing the experience of an integrated environment that enhances the productivity of a development team.

With Developer Studio for OpenEdge, you won't have to manage disjointed software components and can seamlessly move between writing business logic in the OpenEdge Editor while managing the application lifecycle with another vendor's product. By standardizing its products on Eclipse,

Progress assures customers that have Progress products outside of the OpenEdge portfolio that their applications will be compatible. The OpenEdge Eclipse-based development platform invites developers to broaden their development platform as their needs evolve.



OFFERING A COMPLETE DEVELOPMENT ENVIRONMENT

Out of the box, Developer Studio for OpenEdge comes with everything you need to build and test service-oriented business applications. Unlike competing IDEs, Developer Studio for OpenEdge ships with a development version of Progress' enterprise strength run-time environment; including a database, application server, and—extending its toolset for building responsive business applications—tools for visually designing modern, desktop Microsoft GUIs within Developer Studio for OpenEdge.

OpenEdge Database: Maintenance and Administration Made Easier

The Progress OpenEdge Relational Database Management System (RDBMS) simplifies maintenance and administration with self-configuring and self-optimizing capabilities. In addition, the ABL is designed to manipulate data and has been finely tuned to work in concert with the OpenEdge database. As a result, a database administrator is not required to set up and tune the database before development begins. The minute you install Developer Studio for OpenEdge you can begin building and testing data-intensive business applications.

OpenEdge Application Server: High Performance and Reliable Operations

Developer Studio for OpenEdge also comes with Progress' high-performance application server, providing a proven foundation for incorporating flexible, extensible applications. OpenEdge application infrastructure tools enable you to immediately begin architecting and transforming your application to meet your architectural goals. When you are ready to go to production, there are no surprises. Whether you plan to deploy on the enterprise or workgroup edition of the OpenEdge deployment products, you can rest assured that your application will operate as it did before it left your hands.

Microsoft GUI Capabilities: No Training, No Knowledge of .NET Required

Using the Microsoft GUI for .NET, developers can build Microsoft GUIs—with a contemporary look-and-feel—natively, within Developer Studio for OpenEdge, without requiring any training or prior knowledge of .NET.

Other features simplify coding and increase productivity while you work. Specifically, Microsoft GUI for .NET, combines standard Microsoft .NET controls (pre-packaged functions to create buttons, check boxes, drop-down menus, and more) with the power of the ABL. And only Developer Studio for OpenEdge comes with a Visual Designer WYSIWYG (what-you-see-is-what-you-get) tool that allows you visually create the UI from within Developer Studio for OpenEdge, easily and interactively, using drag-and-drop support .NET controls. No coding is required!

For commercial applications that require more sophisticated GUIs than is standard, Progress offers an optional add-on, OpenEdge Ultra Controls for .NET, with over 100 prepackaged controls for advanced UI features such as calendars, grids, and more. This is the most comprehensive presentation layer toolset available for designing commercial UIs. It enables developers to create customizable, professional UI styles by dragging and dropping controls and deliver nimble, scalable, data-driven ASP.NET applications.

JOINING THE PROGRESS DEVELOPMENT COMMUNITY

Thousands of Progress customers around the world have adopted OpenEdge as their development platform of choice. In addition to its highly efficient development tools, Progress Software has a broad user group and technical support community worldwide.

These Progress User Groups provide the ideal networking environment to share knowledge, exchange ideas, and enhance OpenEdge development skills.

The Progress Communities website provides the Progress development community with on-demand information to assure ultimate project success. From the Progress Communities site, developers can access libraries and user forums, download products, and use code snippets. Progress Software is committed to your success. With over two decades of helping customers build mission-critical business applications, Progress Software has created the OpenEdge Reference Architecture (OERA). This provides a set of guidelines and best practices for designing and developing flexible applications with OpenEdge.

Whether you're in the IT shop of a leading-edge company, or in a software vendor's development organization, you'll find that Developer Studio for OpenEdge is a powerful environment for developing applications with quick time-to-value.

TAKING THE NEXT STEP

Find out how OpenEdge can simplify the process of developing the world's best business applications. For more information, contact your local Progress Software sales representative or visit www.progress.com.

PROGRESS SOFTWARE

Progress Software Corporation (NASDAQ: PRGS) is a global software company that enables enterprises to be operationally responsive to changing conditions and customer interactions as they occur. Our goal is to enable our customers to capitalize on new opportunities, drive greater efficiencies, and reduce risk. Progress offers a comprehensive portfolio of best-in-class infrastructure software spanning event-driven visibility and real-time response, open integration, data access and integration, and application development and management—all supporting on-premises and SaaS/cloud deployments. Progress maximizes the benefits of operational responsiveness while minimizing IT complexity and total cost of ownership.

WORLDWIDE HEADQUARTERS

Progress Software Corporation, 14 Oak Park, Bedford, MA 01730 USA
Tel: +1 781 280-4000 Fax: +1 781 280-4095 On the Web at: www.progress.com

Find us on  facebook.com/progresssw  twitter.com/progresssw  youtube.com/progresssw

For regional international office locations and contact information, please refer to the Web page below:
www.progress.com/worldwide

Progress, OpenEdge, WebSpeed, and Business Making Progress are trademarks or registered trademarks of Progress Software Corporation or one of its affiliates or subsidiaries in the U.S. and other countries. Any other marks contained herein may be trademarks of their respective owners. Specifications subject to change without notice.

© 2012 Progress Software Corporation and/or its subsidiaries or affiliates. All rights reserved.

Rev. 04/12 | 120106-0060

