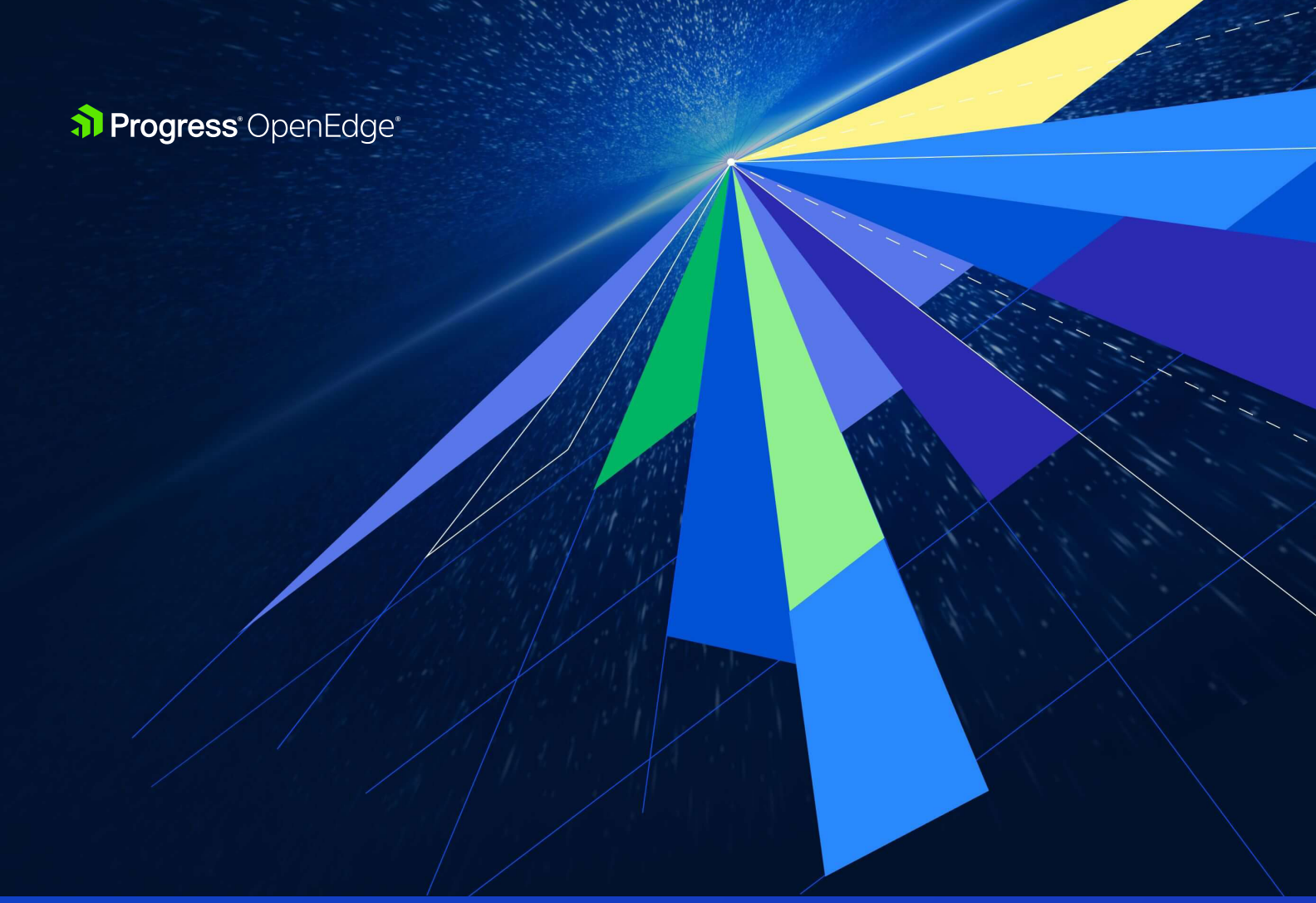


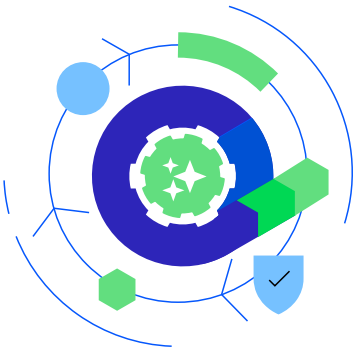
What's New in Progress OpenEdge 13.1

WHITEPAPER

Progress® OpenEdge® 13.1 delivers practical innovation for organizations that need to keep mission-critical applications current without disrupting the systems their businesses depend on.

As the second innovation release in the OpenEdge 13 series leading up to the next Long-Term Support (LTS) release, OpenEdge 13.1 enables teams to adopt new capabilities in development environments while maintaining the stability of their existing LTS production environments. The release advances ABL development, AI-assisted diagnostics, application server resilience, certificate administration and database operations.

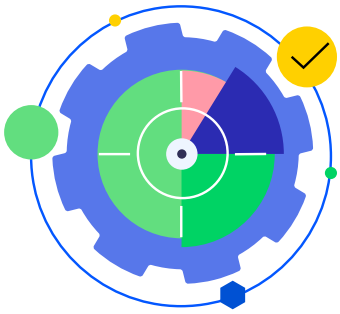
From more expressive code to faster memory investigation and more efficient maintenance, OpenEdge 13.1 helps development and operations teams modernize at a manageable pace, accelerate innovation and preserve the value of existing applications.



High-Level Benefits

- **Modernize ABL Development:** Strongly typed annotations help developers express metadata and architectural intent in structured, reusable ways.
- **Accelerate Diagnostics**: AI-assisted OpenEdge Memory Profiler analysis helps teams interpret recordings and prioritize investigation.
- **Strengthen Runtime Resilience**: Configurable PAS for OpenEdge session life-cycle management helps administrators control resource consumption.
- **Simplify Security Administration**: Support for operating system certificate stores reduces duplicated certificate management tasks.
- **Improve Database Operations**: Latch optimizations and index maintenance enhancements support performance and more efficient administration.
- **Maintain Platform Compatibility**: .NET 10 support on Windows and Linux helps maintain compatibility with current technology environments.

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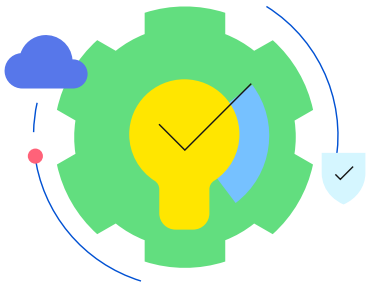


Key Features in OpenEdge 13.1

- **Strongly Typed Annotations for OOABL Reflection**: Enable ABL developers to express metadata, code behavior and architectural intent using strongly typed annotations, reducing reliance on informal comments and conventions and supporting metadata-driven frameworks.
- **AI-Assisted OpenEdge Memory Profiler Analysis**: Helps developers and support teams interpret .oemp recordings with summaries of memory consumers, unusual patterns and suggested next investigative steps. The capability supports faster, more consistent memory troubleshooting.
- **Compiler Optimization for Assignment Statements**: Optimizes individual assignment statements to perform on par with ASSIGN statements, helping applications benefit from improved execution efficiency without source-code changes.
- **PAS for OpenEdge Agent Session Life-Cycle Management**: Provides configuration settings for trimming ABL sessions, helping administrators manage long-running or high-memory sessions and improve application server stability.
- **OS-Provided Certificate Store Support**: Allows OpenEdge products to use operating system certificate stores, simplifying certificate updates and reducing maintenance across individual installations.
- **Improved Latch Performance**: Optimizes database latch behavior to reduce contention around shared resources and support responsiveness under demanding workloads, including multi-core and non-uniform memory access (NUMA) environments.
- **Move Inactive Indexes with IDXMOVE**: Extends proutil -C IDXMOVE to inactive indexes, simplifying storage area reorganization and reducing the need for manual workarounds.
- **Identify Candidates for IDXCOMPACT UNUSEDBLOCKS**: Helps DBAs detect unique indexes with elevated delete-placeholder entries that may affect query performance, informing decisions about when to run IDXCOMPACT UNUSEDBLOCKS.
- **.NET 10 Support**: .NET 10 is supported for OpenEdge 13.1 on Windows and Linux, helping maintain platform compatibility and ecosystem readiness.

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Roles	Core Challenges	OpenEdge 13.1 Value
ABL Developers and Architects	Complex code organization and manual diagnostics	Typed annotations, AI-assisted profiling and assignment optimizations
QA and Support Teams	Finding memory regressions and diagnosing abnormal growth	AI-assisted interpretation of profiler recordings and next steps
DevOps and Administrators	Session resource control and certificate upkeep	Configurable session trimming and OS certificate store support
Database Administrators	Contention, index maintenance and storage reorganization	Latch improvements, inactive-index moves and compacting guidance
IT and ISV Leaders	Modernizing without disrupting critical applications	Incremental improvements across development, security and operations



Ready to Modernize with Confidence?

OpenEdge 13.1 builds on the 13 series with focused enhancements that help organizations maintain reliable applications while improving the day-to-day experience of developers, administrators and DBAs. As an innovation release, it gives teams opportunities to explore and adopt new capabilities ahead of the next LTS release. Progress continues to invest in practical capabilities that support modernization without requiring a wholesale rewrite.

Explore the OpenEdge platform and PAS for OpenEdge, or review OpenEdge documentation for technical guidance and release-specific details.

Learn More About OpenEdge 13.1 Today!

About Progress Software

Progress Software (Nasdaq: PRGS) provides the context and control organizations need to reliably extract value from AI—*context* drawn from an organization's data, content and workflows, and *control* over the security, governance and cost of their AI initiatives. Learn how hundreds of thousands of businesses, powering the work of tens of millions of professionals worldwide, realize value from trusted, enterprise-ready AI at www.progress.com

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