

## WHAT'S NEW



For more than 25 years, independent software vendors and corporations from around the world have used ACUCOBOL technology to create innovative software solutions. The **extend** product line builds upon this valued application heritage, securing the future of ACUCOBOL applications for years to come.

The extend 10 release includes support for the most recent operating platforms, optimizations to boost application performance and a variety of enhancements throughout the **extend** product line. This release also offers added-value with the inclusion of AcuSQL and AcuBench products, now provided as standard components within the ACUCOBOL-GT product.

	ENHANCEMENT	BENEFIT
Operating Platforms	<ul style="list-style-type: none"> <li>Support for new platforms such as Windows 10, .NET framework 4.5 and IIS</li> </ul>	Continued support for the latest operating environments and platforms ensures ACUCOBOL applications can be deployed in multi-user environments
Graphical Technology	<ul style="list-style-type: none"> <li>A new configurable auto-fill option for entry fields provides users with input suggestions</li> <li>A column sort indicator is now shown to indicate sort order for a grid control</li> </ul>	Provides end users with an improved user interface experience with only minor application changes
Networking	<ul style="list-style-type: none"> <li>All <b>extend</b> client and server products have been updated to support both Internet Protocol version 4 (IPv4) and Internet Protocol version 6 (IPv6) to meet the connectivity and performance needs of today's varied networking environments and technologies</li> </ul>	Ensures your applications can be deployed in IPv6-only infrastructures and complies with customer requirements
Vision File System version 6	<ul style="list-style-type: none"> <li>The new version of Vision File System provides large file support, enabling individual files to exceed 2GB in size</li> </ul>	Applications can now store large volumes of data within a single file, simplifying file maintenance procedures and improving file open/close performance

Dynamic Runtime Tracing	<ul style="list-style-type: none"> <li>Runtime tracing can now be enabled/disabled dynamically after the application has started</li> </ul>	Tracing can be enabled only when needed, reducing data collection volumes and overhead to the application. Reduction in trace file sizes can help reduce time taken to diagnose application issues
AcuBench	<ul style="list-style-type: none"> <li>AcuBench is now included as a standard feature of the ACUCOBOL-GT product</li> <li>AcuBench now provides support for relative paths in filenames</li> </ul>	<p>ACUCOBOL developers can now use a productive graphical development environment for creating and maintaining ACUCOBOL applications.</p> <p>AcuBench projects are now portable and can be moved to different locations, improving development team collaboration</p>
Sort/Merge	<ul style="list-style-type: none"> <li>The sort/merge memory algorithm has been optimized to improve performance. Internal benchmarks have shown improvements by up to 70% compared to previous versions</li> </ul>	Significant reduction in sort/merge processing operations can result in instant performance gains for end users
Transaction Management System	<ul style="list-style-type: none"> <li>Developers can now customize the transaction management system to exclude files that do not require recovery</li> </ul>	Customizing logging criteria can improve overall application performance by limiting log files to only required data sources
AcuSQL	<ul style="list-style-type: none"> <li>Industry standard RDBMS support is now included as standard in ACUCOBOL-GT</li> <li>Long source files are now supported by AcuSQL</li> </ul>	ACUCOBOL applications can now make use of RDBMS technology at no extra cost
Acu4GL	<ul style="list-style-type: none"> <li>Support for TIME data type when using Microsoft SQL Server</li> <li>Support for LVARCHAR data type when using IBM® Informix®</li> </ul>	<p>Time fields can now be stored easily within Microsoft SQL Server without needing to change COBOL applications.</p> <p>Informix support now enables storage of very large data items</p>
Xcentrisity Business Information Server	<p>Web server support for:</p> <ul style="list-style-type: none"> <li>IIS 7 and 8+</li> <li>Apache 2.4</li> </ul>	Supports the latest releases of industry standard web servers

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