


BUILD ANEW

"Build Anew"...the theme of our recent and most successful TechCon2009 and AddCon2009 conferences in Albuquerque...is a rallying cry to our developer community to refresh, renew, or regenerate their software applications. As we collectively review the recent turmoil of the world and domestic economies and look forward to signs of a recovery, it is wise to take stock of the opportunities before us and the tools that are at our disposal to affect our own recovery. It is therefore most appropriate that this issue of the *BASIS International Advantage* brings with it information about a swathe of instantly useful utilitarian tools and product enhancements to help you build anew.

In our last issue, we highlighted the new building blocks available from BASIS, a horizontal set of accounting modules, and a fantastic application development framework – Barista®. In this issue, we augment those building blocks with new BBx® and Java-based utilities that you can use in any development project, be it built with the aid of Barista, AppBuilder, or hand-coded BBx code in the IDE. The utilities are highlighted with a new temporary 'construction themed' tab  and include a



language translator utility, a report utility, a live-data-copy utility, an automated update utility, and fax and e-mail utilities.

Improved Java and BBj® interoperability listed on page 28 will further facilitate the use of publicly available Java libraries that can be used as additional application building blocks. Several articles also deal with enhancements and improvements to Barista, AppBuilder, and source code management in the IDE. AppBuilder generated programs benefit from the use of the PROCESS_EVENTS paradigm and Barista sports the ability to build applications on top of a RDBMS such as the BASIS ESQL table-type or a wide range of third party RDBMSs. System administration is made easier with a built-in Jetty Web Server and, coming early in 2010, LDAP authentication support.

All of these goodies might be less important to you than the three most significant highlights of this issue – the seamless integration of the open-source WYSIWYG iReport



functionality that boasts both SQL and legacy READRECORD data access capabilities; the use of the integrated Jetty Web server to offer BBx application logic as a Web service; and the announcement of the Browser User Interface (BUI). BUI is set to revolutionize the development of Web applications and the deployment of existing GUI applications in most any Web browser, be it on a desktop or on a cell phone!

Happy reading, and, as always, we welcome your feedback about any and all of our endeavors to help you *Build Anew!* ■



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