

# The BASIS Java Hat Trick

In ice hockey, a hat trick is a rare and exciting occurrence when a player scores three goals in one game. Similarly, BASIS scores with these three e-zine articles that collectively discuss how the extension of BBJ<sup>®</sup> facilitates the use of Java and third party Java libraries.

Here is an overview of what you can read in greater depth online.

## Calling Custom Java from BBJ

*Learn how to complete standard Java libraries to do the work for you*



**By Jim Douglas**  
Software Engineer



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[www.basis.com/advantage/mag-v13n1/customjava.pdf](http://www.basis.com/advantage/mag-v13n1/customjava.pdf)

BBj is two languages in one. It combines the business focus and ease-of-use of Business BASIC with the power of Java. In [Quick and Easy Solutions With Free Java Libraries \(Part 1 and Part 2\)](#), we showed how to find and integrate third party Java components into your BBJ application. This article shows how easy it is to integrate your own custom Java modules into BBJ. ■

## Inheriting Java Types

*Take Java code and extend it using BBJ*



**By Adam Hawthorne**  
Software Engineer



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The introduction of Java syntax to BBJ<sup>®</sup> gave developers a vast library of existing code to add to their toolboxes. Custom Objects further offered the ability to transform the way developers write code. BBJ now bridges the gap between BBJ and Java by allowing developers to extend Java classes and implement Java interfaces with BBJ CustomObjects. ■

## Session-specific Classpaths - Use Jars Dynamically

*Add a new library without having to restart the application*



**By David Wallwork**  
Senior Software Architect



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BBj 9.0 introduced session-specific classpath (SSCP) to allow developers to set the Java classpath for BBJSessions on a per-session basis. This capability is especially useful during the development of custom Java code or when the developer wishes to test a third party Java library without restarting BBJ Services. This article explores how SSCP positively impacts the development cycle, and more! ■