



Figure 4. A BUI program using JFreeChart DialPlots

Applying those same kinds of changes to other JFreeChart-based programs works equally well. **Figure 4** shows the result of that modification to another program that uses JFreeChart DialPlots to show current weather conditions.

As BASIS' BUI technology matures, more and more of the traditional GUI functionality becomes available for use in the browser. Common controls such as buttons, listboxes, and input controls have been running well in BUI from the start, however, a few stragglers such as BBjCharts have not been available due to complexities with their underlying architecture. BASIS continues to chip away at the last few bits of GUI functionality not yet implemented in BUI; BBjCharts are the latest set of controls that BASIS recently modified to function in the BUI environment. Updates and enhancements are sure to come, so follow the ongoing progress in the "What's Implemented?" and "What's Not Yet Implemented?" lists in the *BBj BUI: Getting Started* document. ■



- For more information, refer to the online [BBj*Chart documentation](#)
- For features needed in the field that are not yet implemented in BUI, post a note on the BBj-Developer list at groups.google.com/group/bbj-developer/topics; subscribe at www.basis.com/discussion-forums

Partnership

AddonSoftware Steps Into the Cloud

This year's TechCon "tour," *Step into the Cloud with BASIS*, informed audiences around the world in Las Vegas, Nevada; Montreal, Canada; and Saarbrücken, Germany, of BASIS' own move to the cloud. Nearly all of BASIS' business functions – their custom version of the AddonSoftware® ERP solution, source code archives, build processes, test machines as well as company email and documentation – all now run in the cloud in data centers scattered across the United States and provide a local cloud frontage presence around the globe.

Introducing...

Using first-hand cloud experience as the template, BASIS introduces AddonSoftware Cloud Services, the software-as-a-service (SaaS) version of AddonSoftware by Barista®. This new service presents BASIS partners with a quicker and simpler way to deploy the AddonSoftware Enterprise Resource Planning (ERP) solution. BASIS prides itself on offering choices and flexibility to its partner community and is happy to extend this core value. Now AddonSoftware can run on-premise in the traditional way or online through an external host in a cloud environment...a single solution with deployment options to meet the business needs of developers and end users alike.

Strategically, the new cloud offering makes AddonSoftware more affordable to use, own, and deploy as illustrated in **Figure 1**. Affordability is achieved both through the low user-based monthly subscription model and the elimination of the typically large capital outlays for hardware, installation, and maintenance. Installations are quicker and there is no more guessing involved with purchasing a server that could be under- or over-sized. With the cloud, you can upgrade or downgrade at a moment's notice. Similarly, there is no concern that you'll be stuck running on last year's model; [Moore's Law](#) keeps you on the forefront of technology without the cost of continuous hardware investments. The immediate loss-of-value of purchasing a new car doesn't hold a candle to the immediate loss-of-value of purchasing computer hardware. The cloud is an infrastructure extension of the BASIS building blocks concept whereby software developers can remain focused on developing their vertical specialties while enjoying the benefits of a hosted solution. >>



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	Cloud Services	On-Premise Client/Server
Pricing Model	Monthly subscription	License purchase or rental
Hardware	Included	Must purchase, maintain, and upgrade
OS Licenses	Included	Must purchase
Software Licenses	Included	Must purchase
Installation	No installation	Lengthy installation process
Annual Maintenance	Included	17% of AddonSoftware cost
Security, Patches, Backup Systems	Included	Customer responsibility

Figure 1. Comparison of AddonSoftware deployment in the cloud vs. on-premise

Including...

AddonSoftware Cloud Services includes all three ERP bundles; Accounting, Distribution, Manufacturing. The Cloud Service includes everything needed to get a company up and running quickly on AddonSoftware – a Cloud Server with data storage and nightly application and data backups, Amazon’s world-class EC2 infrastructure, all AddonSoftware ERP bundles, BBJ®; and to efficiently manage continued development, the Barista RAD tool.

Delivering...

Significant cost savings - The simple user-based subscription model provides a strong selling statement for upgrades or new sales. There are no large upfront costs - no hardware to purchase, install, or maintain. There is no need for complex hardware and software backup systems and their associated annual maintenance contracts.

Performance and reliability - The performance, reliability, and security are as good as, if not better than, a typical on-premise installation.

BASIS’ experience, your benefit - BASIS’ experience with Amazon Web Services (AWS) frees you to focus on application development while isolating developers from common hardware maintenance and failure scenarios. BASIS handles the creation of instance types, machine configuration, assigning operating systems, and the installation of AddonSoftware. Developers have unlimited access to the system to load databases, manage, configure, and install customized AddonSoftware.

Customization freedom - There are no restrictions to continuing your customization and solution development in the cloud.

Back-up service - Your data is secure. Nightly incremental backups (the same configuration BASIS itself uses) include data and application(s) on your entire persistent drive. Additionally, this service performs a full backup each week.

Replicate back-ups to other AWS Regions (Premium Service) - Duplicity is a good thing. Data and application(s) can be configured to restore to multiple geographic regions delivering an even higher level of recovery protection. These replicated backups are stored in Amazon’s S3 (Simple Storage Service) ready to be deployed should they be required.

Summary

BASIS’ experience moving their server functions, including their own customer version of AddonSoftware, to the cloud paved the way for the new AddonSoftware cloud offering. The cloud provides another deployment choice, either as an interim or final deployment step, wherein both end users and AddonSoftware partners benefit. And for the partner, this simple turnkey program with its affordable monthly costs, delivers further benefits to the end user while boosting the partner’s value-added role in provisioning the complete business solution.

Opportunity is knocking so reach for the cloud! ■

