newsletter archives
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New - Burning Chrome Application Generator arrives after three years of development!

The Burning Chrome Application Generator will change programming as we know it. This new product enables developers and businesses to build complex applications in days instead of weeks or months. Just like a child puts together Lego toys from pre-defined components, Burning Chrome has over 110 different components to build complex applications. Some of the target areas are System monitoring, E-mail, TCP/IP, Internet, Fax, Imaging, TIFF and document management type applets. Once an application is built it can be a separate executable or it can be an NT or Win2000 service. The target audience of this technology are common business people with limited or no programming experience and some developers with Microsoft Visual Basic, and Borland Delphi experience. This technology enables business people to concentrate on ***Cont. on page 2***

Burning Chrome Script Editor

The script editor is a visual application builder with a built in debugger that is simple to use. The user selects a predefined module and each module is a node. Each node has an entry point for input and a single or multiple exit points for output. The input to a node can be a script variable, a device output or a file. The exit points can lead to the next node or the terminating node and will pass control to the next node.

Why use scripts? Burning Chrome is designed to create application scripts that can be used to manage various operations. Creating a script can be compared to high-level programming, but is much simpler. Using just a few functions, it is possible to solve very complex and sophisticated problems. The friendly ***Cont. on page 2***

Create and Distribute Functional Applets with Burning Chrome

Burning Chrome is used to build applets to perform system functions and solve specific problems. The applets can be converted into self-executable programs and can be distributed as any other Windows application. The types of applets built using Burning Chrome are limited only by your imagination. Below are just a few examples.

- File backup applet
- ~~CC~~File system monitor
- System performance monitor
- Web site monitor
- IP or line connection monitor
- Web site change monitor
- NT service monitor
- NT event log monitor
- E-mail filtering applet
- E-mail routing applet
- Fax to e-mail applet
- E-mail to fax applet
- TCP/IP port scanner applet
- E-mail server locator applet
- Fax broadcasting applet
- Fax number locator applet
- Print received faxes applet
- Image document mgmt.

New - Language Packs for Black Ice Printer Drivers

Language Packs are available as add-ons to the Black Ice Printer Drivers and allow developers to create custom installations for the printer drivers in multiple languages. The Language Packs allow ISVs, setup authors, or corporate release engineers to distribute their applications around the world with a familiar, localized interface. The Language Packs are available in Eastern and Western languages for all of the Black Ice Printer Drivers. Depending on your needs, you can purchase separate language packs for the East or West or individual countries. In addition, custom language add-ons are available if you need a language that is not included.

Burning Chrome *cont. from pg. 1*

the solution instead of the programming to deliver a solid commercial application. Burning Chrome has two components, the Script Editor and the Run Time Engine.

The script editor is a visual application builder with over 110 different components. The user selects a predefined module and each module is a node. Each node has an entry point for input and a single or multiple exit points for output. The input to a node can be a script variable, a device output, TCP/IP, e-mail, or a file. The output or exit points can pass control to the next node or the terminating node.

The script engine is responsible for executing single or multiple scripts. It is fully multi-threaded and can be in the background or the foreground with a user interface. The developer will have to distribute the script engine with the script(s). Once the script engine is installed, it is already in execution mode. It behaves more like a Microsoft NT service. The script engine is password protected for security and inadvertent user interference.
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Script Editor *cont. from pg. 1*

graphical interface and the requirement that just a few functions need to be learned, means that thorough programming knowledge is not needed to assemble scripts. As a result, the amount of time required to develop applications is greatly reduced.

What is a Node?
The basic elements in scripts created by Burning Chrome are called *nodes*. Every node has a name and one or more inputs or parameters. The node then performs certain operations that provide results or outputs. See pg. 3 for a list of nodes.

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Run Time Engine

The Run Time engine is fully featured and is responsible for executing the scripts created with the Script Editor. Single or multiple scripts, up to 120, can be run simultaneously. An event log is created for each script, with four configurable levels of detail. The common user interface displays the name of each script and keeps track of how long it has been running and allows you to start & stop scripts with the push of a button. Plus much more...

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Burning Chrome Nodes

The basic elements in scripts created by Burning Chrome are called *nodes*. The nodes and the connection between them are the components of every script. There are several nodes defined in Burning Chrome available to use in scripts. Below are the main node categories and the specific nodes contained within.

Standard Nodes

System Nodes:

- File activate node
- Shell node
- Launch Application node
- Parsing node
- Write Data node
- Load DLL node
- Call DLL node
- Free DLL node
- Read registry node
- Write registry node
- Delete registry key node
- Start service node
- Stop service node
- Pause service node
- Continue service node
- Get service state node
- Shutdown node
- Get log event node
- System monitor node
- Get OS version node

User Interface Nodes:

- Message Box node
- Beep On node
- Beep Off node
- Blink On node
- Blink Off node
- Create Log Window node
- Add Line node
- Remove Line node

Time Nodes:

- Set system time
- Time parsing node
- Set time
- Get Time node
- Get Date node
- Wait
- Timer

Add - On Nodes

Imaging Nodes:

- Load Image node
- Save Image node
- Free Image node
- Select Source node
- Scan Image node
- Prepare Print node
- Print Image node
- End Print node
- Print File node
- Number of Images node
- Set DPI node
- Insert TIFF Image node
- Delete TIFF Image node
- Delete TIFF Tag node
- Set TIFF Tag node
- Get TIFF Tag node
- Scale Image node
- Rotate Image node
- Flip Image node
- Invert Image node

Fax Nodes:

- Open Port node
- Send Fax node
- Receive Fax node
- Close Port node

E-mail Nodes:

- Send E-Mail node
- Get E-Mail node
- Check E-mail node
- Get E-mail size node
- Delete E-mail node

Internet (TCP/IP) Nodes:

- Connect

- Alarm

File Nodes:

- Read Line from File node
- Write Line to File node
- Get Free Space node
- File size
- File time

Script Nodes:

- Subscript node
- Output node
- End node
- Go To node
- Event Handler node
- Error Handler node
- Send System Event node
- Write Log File node
- Comment node

Programming Nodes:

Boolean nodes:

- And node
- Or node
- Not node

Arithmetical nodes:

- Assign node
- Add node
- Subtract node
- Multiply node
- Divide node
- Compare node

Miscellaneous nodes:

- Random node
- Switch node
- String operation nodes
- String length node
- Find string node
- String format node
- Get sub string node
- Date to string node
- Wait TCP/IP
- Close connection
- Send variable
- Receive variable
- Send file
- Receive file
- Get IP address
- Get user name
- Get computer name
- Get local computers

Plus - Burning Chrome

comes with several sample applications that illustrate the powerful features of the Script Editor and Run Time Engine. The sample scripts were designed to demonstrate how to write simple, but useful applets and to show how the nodes interact to perform various operations. The sample applications include:

- **E-mail scripts**
- **Fax scripts**
- **Imaging scripts**
- **System scripts**
- **Web scripts**

Download a ten day, fully functional version of theBurning Chrome Application Generator from our web site at **www.blackice.com**. If you have any questions or would like more information, contact Black Ice Software at (603) 673-1019 or e-mail sales@blackice.com.