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SREA's venture to build a "Motown" like the one in Detroit has the industry excited. China's auto part exports increased by 34.71% over last year to \$68 Billion. This new facility will be a huge international center. Read the news and get on SREA!

When you use Phobos to create web applications, you can use scripting and Java technology in ways that take advantage of their strengths.

It even supports automatic updates.

For example, a user can continue to move the mouse over a Google map and see a smooth, uninterrupted change in the display because extended parts of the map have been loaded asynchronously.

Learn more about JSTL.

I feel great about getting public recognition from my peers for the work that I've been doing on RIFE.

Instead of mixing tags from numerous vendors in your applications, you employ a single standard set of tags.

And its closed-source nature stood in stark contrast to the other technologies we were using.

The SwingWorker class helps create a responsive image search application.

This allows you to draw over the splash screen.

I've reserved the next two months for full-time work on RIFE.

This article describes how to avoid slow, sluggish, or unresponsive UIs by using the SwingWorker class to create and manage worker threads in a demo application called Image Search.

So, be sure to read Greg's Blog and stay up to date on what's happening with jMaki and JavaScript.

The pricing was much more affordable than Flex, and it was designed for cross-platform rendering from the ground up.

In the next two sections, we'll look more closely at the calculator example's controller and view, the key parts of the application.

I feel great about getting public recognition from my peers for the work that I've been doing on RIFE.

It's clear that the open-sourcing drastically increased their popularity and user-base.

The result is that applications become unresponsive or sluggish because they perform long-running tasks on the EDT instead of on separate worker threads.

If Wall Street stock trading stops for five seconds, there are regulatory implications.

Next, restore the painting mode and paint the splash screen image on the Graphics context.

Any tasks running on the EDT should finish quickly so that your UI is responsive to user input.

JSP technology lets you add snippets of servlet code directly into a text-based document.

This standardization allows you to deploy your applications on any JSP container that supports JSTL and makes it more likely that the implementation of the tags

is optimized.

I first learned about the program at JavaOne this year, and saw a number of Java Champions displayed on the big screen.

If Wall Street stock trading stops for five seconds, there are regulatory implications.

See also "Getting Started With Sun Java Studio Creator.

In the view directory, you put the files that represent the different pages of the application.

Clear composite mode and painting a rectangle over the whole splash screen.

Phobos also simplifies development in Ajax, a technology that includes but is not limited to Asynchronous JavaScript and XML.

I secretly said to myself that it would be awesome to have that title one day.

Messing with Java technology is one of them.

In addition, Phobos includes a set of convenience libraries specifically for Ajax, such as the jMaki framework and the Dojo toolkit.

In both cases, the system tray resides by default in the lower right corner of the screen.

We wanted to benefit from all that the Java platform has to offer, but use a development framework that would allow you to develop quickly, and maintain easily.

Now, I think that even from a technical point of view, open-sourcing Laszlo has made it a much stronger product than Flex.

This file represents the view or page of the application.

For example, You can deploy an application without compiling it.

What projects do you have planned for the future?

Web Start is a technology built into the Java platform that lets you deploy lightweight applications.

Accumulate points for Amazon.

The JavaScript function also specifies a JavaScript callback function.

If you have any questions, please refer to the Sun Online Privacy Policy or email us.

This article focuses on page authors and describes various techniques that you can use to add Ajax functionality to a web page.

In order for many of these technologies to work on a server, the server must have a container, or web server, installed that recognizes and runs the classes you create.

As a page author, you don't need to understand every detail of the Ajax methodology to incorporate it into a web page.

For example, use this code in the manifest.

Swing applications have a single EDT for the UI.

Letter in computer science.

You can still find it at JImagePaint and it is listed as a community.

You can modify the application to download more or fewer images.

A list holds matching thumbnail images.

And don't forget to follow up on Greg's recommendation - check out the screencast and the jMaki Gallery.

JavaServer Faces Technology JavaServer Faces technology is a UI framework for building web applications.

Uwyn stands for "Use What You Need.

In certain cases, you might want to dynamically update the splash screen while it is being displayed.

The point of UI creation, the point at which your application basically hands control over to your UI, is often the source of your application's first problem interacting with the EDT.

Messing with Java technology is one of them.

The point of UI creation, the point at which your application basically hands control over to your UI, is often the source of your application's first problem interacting with the EDT.

To get a basic understanding of Swing UI concepts, including event handlers and listeners, and learn more about UI programming, follow the Java Tutorial's Swi

ng trail.

Asynchronous means that after sending data to the server, the client can continue processing while the server does its processing in the background.

During critical times, if you don't have the right code, it may be too late, and it will be hard to debug.

Instead of mixing tags from numerous vendors in your applications, you employ a single standard set of tags.

JavaServer Faces Technology JavaServer Faces technology is a UI framework for building web applications.

Matching images populate the list as they arrive from the Flickr site.

If an application fails even briefly, it could cost millions of dollars or, in a medical emergency, lives.

You can still find it at JImagePaint and it is listed as a community.

I'm also writing a series of short reference books for O'Reilly.

Matching images populate the list as they arrive from the Flickr site.

We now have sophisticated trading systems, entire applications stacks, pieces on the back end, and even stand-alone applications.

For the past six months, I mostly worked with EcmaScript and OpenLaszlo.

More complicated applications might need additional directories, such as a static directory, in which you can put static files, such as HTML pages and CSS style sheets.

So a deadlock or a loop situation may occur, and the program won't respond.

Once the GUI starts for most event-driven desktop applications, the initial thread's work is done.

If your application is inside a secure sandbox, how can it do unsafe things like save data to disk?

You will be able to make changes to the application while it is running without redeploying it.

Send us your story, and share it with your fellow developers.

Now, I think that even from a technical point of view, open-sourcing Laszlo has made it a much stronger product than Flex.

Sun Microsystems, Inc.

com gift certificates.

Next, it shows how to incorporate jMaki widgets into your Phobos application.

So a deadlock or a loop situation may occur, and the program won't respond.

Download a larger image by selecting a thumbnail.

Page authors use these Ajax components, along with widgets, JavaScript technology, and other techniques, to incorporate Ajax functionality into their web applications.

A progress bar tracks the image search.

Also, interacting with Swing components or their default data models from initial or worker threads is not a safe operation.

When the browser makes the first request for the page, the following happens: The index.

This can be done by setting an AlphaComposite.

Now suppose the applications crash simultaneously.

That's because Ajax is currently the primary technique for driving the high responsiveness and interactivity of some of the most popular applications on the web such as Google Maps and Flickr.

The callback function processes the response and updates an internal representation of the page based on the new data.

Sometimes you will combine three or more such technologies.

This functionality is available through standard Java APIs and XML-based configuration files.

As a result, you can take advantage of the many benefits that scripting languages offer but still leverage the power of the Java platform.

A small-scale, very targeted, agile development approach proved to be the most effective approach.

In addition, JConsole, with enhanced plug-in support and dynamic attach capability, is much improved.

Instead of executing the tasks on the EDT, the application uses the SwingWorker class to perform the tasks as worker threads.

Anything that might interfere with or delay UI event handling should exist in a worker thread.

That's because Ajax is currently the primary technique for driving the high responsiveness and interactivity of some of the most popular applications on the web such as Google Maps and Flickr.

Uwyn stands for "Use What You Need."

You can run a Phobos application on the open-source GlassFish server or in any compliant servlet container.

We wanted to benefit from all that the Java platform has to offer, but use a development framework that would allow you to develop quickly, and maintain easily.

In the script directory, you can put any extra scripting code you use in the application.

Read the Help file after you have done the installation for a quick introduction

JSP technology enables rapid development of web-based applications that are server- and platform-independent.

The ImageSearcher class is responsible for searching and retrieving thumbnail images for the UI's list.

Rather than drawing on the main image, you draw on the image that is displayed over the main image, using alpha blending.

As the first article in this series has pointed out, scripting languages and statically typed languages such as the Java programming language have their own strengths.

However, its aim is to have OpenLaszlo applications run on Java ME without the need for any specific players.

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For instance, you can create a web site of JSP technology pages that use one snippet of code to include the header.

The SwingWorker class helps create a responsive image search application.

We'll have some cool technology interviews on open source along with the latest tools and resources.

In other approaches, such as using a widget in a JavaScript library, the library provides most of the JavaScript code, but you will need to add a little JavaScript code yourself.

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You can modify the application to download more or fewer images.

I secretly said to myself that it would be awesome to have that title one day.

I feel great about getting public recognition from my peers for the work that I've been doing on RIFE.

The user enters two numbers, selects an operand, and clicks Compute.

When you select an image from the list, the application downloads a larger version of the image and displays it below the list.

You can still find it at JImagePaint and it is listed as a community.

Make the icons semi-transparent and drag the map around, the image is still smooth!

Phobos also simplifies development in Ajax, a technology that includes but is not limited to Asynchronous JavaScript and XML.

This article first describes the Phobos architecture.

Performing long-running tasks on the EDT will cause your application to become unresponsive because GUI events will accumulate in the event dispatch queue.

Take a look at the code - it's all right there.

ejs file, which is an embedded JavaScript file, an HTML file with JavaScript code embedded in it.

You ask, "Why is this doing that?"

The "Overview of Phobos" document describes the directory structure in more detail.

This means that a user can continue interacting with the client without noticing a lag in response.

This functionality is available through standard Java APIs and XML-based configuration files.

The ImageRetriever class is responsible for retrieving a larger version of the image when a user selects it from the list.

The pricing was much more affordable than Flex, and it was designed for cross-platform rendering from the ground up.

For the past six months, I mostly worked with EcmaScript and OpenLaszlo.

If your application asks for permissions, the user will see a warning dialog.

For many years, I have seen a need for a simple graphics program to support operational planning.

You can access the system tray by calling the static SystemTray.

When the user clicks Compute, the compute function of calculator.

If you don't have access to this information, ask the server administrator.

For the EDT, that purpose is to draw and update the UI while responding to user interactions.

For example, from your Phobos application, you can call into the new and powerful Java Persistence API available as part of the Java EE platform.

No matter how many you end up using, it's good to know what is available to you and how you can use each one in a web application.

Ajax has different implications for developers working in different roles.

At one end of the spectrum, you provide all the JavaScript code required to enable Ajax in the page.

We now have sophisticated trading systems, entire applications stacks, pieces on the back end, and even stand-alone applications.

In the case of the calculator, the script directory contains a script file that redirects requests to particular pages of the application.

As a page author, you don't need to understand every detail of the Ajax methodology to incorporate it into a web page.

I first learned about the program at JavaOne this year, and saw a number of Java Champions displayed on the big screen.

The answer depends on what kind of application you're building and what it does.

Using a SwingWorker instance, the application can put individual images in the list as they arrive instead of waiting for the entire list.

Gnome System Tray The java.

SystemTray class represents the system tray for a desktop.

Instead of executing the tasks on the EDT, the application uses the SwingWorker class to perform the tasks as worker threads.

This file represents the view or page of the application.

Learn more about JSTL.

You can access the system tray by calling the static SystemTray.

Messing with Java technology is one of them.

Specifically, web applications are accessed with a web browser and are popular because of the ease of using the browser as a user client.

We wanted to benefit from all that the Java platform has to offer, but use a development framework that would allow you to develop quickly, and maintain easily.

He lives in Boulder, Colorado, with his wife and two children and enjoys rugby, cycling, and the mountains.

Let me take a peek inside the stack through the JConsole.

The Phobos runtime creates the Calculator controller and invokes the show function.

You can modify the application to download more or fewer images.

gif The command-line interface has precedence over the manifest setting.

You can still find it at JImagePaint and it is listed as a community.

If high-thread CPU consumption is not an expected behavior, the thread may be 1

oping.

JSP technology enables rapid development of web-based applications that are server- and platform-independent.

When you develop with Phobos, you will experience the many benefits of using scripting languages.

Future articles will cover how to use these technologies in building web applications.

These classes give you the ability to add graphics, pop-up menus, and floating tip functionality to the system tray.

Every Java application has a single SystemTray instance.

" Java Message Service API Messaging is a method of communication between software components or applications.

If you don't have access to this information, ask the server administrator.

First a quick recap: What is Java Web Start?

Now, I think that even from a technical point of view, open-sourcing Laszlo has made it a much stronger product than Flex.

For instance, you can create a web site of JSP technology pages that use one snippet of code to include the header.

On Microsoft Windows and the Gnome desktop, the system tray is often referred to as the notification area.

RIFE's full-stack nature makes it possible to see detailed events of everything that happens when an action is triggered.

Next, it shows how to incorporate jMaki widgets into your Phobos application.

Hence, an application cannot create its own instance of SystemTray.

Little did I know, but they were voting on my acceptance at that very time.

The result is that applications become unresponsive or sluggish because they perform long-running tasks on the EDT instead of on separate worker threads.

What was your reaction to being nominated as a Java Champion?

To get a basic understanding of Swing UI concepts, including event handlers and listeners, and learn more about UI programming, follow the Java Tutorial's Swing trail.

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.

It even supports automatic updates.

This changes what the user sees on the page.

Clear composite mode and painting a rectangle over the whole splash screen.

And because Phobos runs on the Java EE platform, you can call into components of the Java EE stack.

The "Overview of Phobos" document describes the directory structure in more detail.