

SREA Goes Through The Roof! UP 106.6%

Score One Inc. (SREA)
\$0.301 UP 106.6%

Investors are all over SREA as frenzy buying pushes shares prices over 106% following recent news releases. Read up, watch for more news, and get on SREA first thing Friday!

jMaki is all about enabling Java developers to use JavaScript in their Java based applications as .

Typically, a one week period is designated for questions on a specific Ask the Experts topic.

In the future we plan to improve the XmlHttpProxy to support HTTP Basic authentication and more complex interactions such as HTTP POSTs to the Flickr, Del.

The DOM APIs provide a means for JavaScript technology to navigate the content from that document and use that content to modify the DOM of the HTML page.

Just a quick question: how will you find the clients you are looking at?

See Realtime Form Validation for details.

Refreshing data and server push: HTML pages may poll data from a server for up-to-date data such as scores, stock quotes, weather, or application-specific data.

This level of key provides more coarse grained access which is more developer friendly.

This one is described as protected in the API source code.

The service will look for the existence of the HttpSession, find it, and then provide access to the service.

You can then use this content in your AJAX-based application.

JavaScript technology implementations: Ajax interactions depend heavily on JavaScript technology, which has subtle differences depending on the client.

You can download the sample archive for the tip Using Ajax With Non-HTML Markup in JSF.

For a Chat application, you will most probably attach a String containing the new message.

But why the container is starting more than one instance of the servlet?

Even after washing the main mirror with AJAX, the HUDF was clear: the Grizzly Comet is entering our atmosphere.

JavaScript libraries such as Dojo, Prototype, and the Yahoo User Interface Library have emerged to fill in where the browsers are not as manageable and to provide a standardized programming model.

We have reviewed many ways to control access to a service to AJAX requests.

Visit the Ajax Developer Resource Center.

What will happen if the request is XMLHttpRequest, Will it behave as is or no checking for session existence.

NET, PHP, ColdFusion, PERL, and so on.

Like register CometContext in one servlet, addCometHandler in another servlet, a

nd call CometContext.

org for more details on browser-specific differences.

Secondly, we have a bit of a different use case.

I think I was dreaming.

Until recently, the technology was known as web remoting or remote scripting.

Standardization of the XMLHttpRequest object: The XMLHttpRequest object is not yet part of the JavaScript technology specification, which means that the behavior may vary depending on the client.

Or is there no magic formula that works for everyone?

jMaki is all about enabling Java developers to use JavaScript in their Java based applications as .

I realized there was a simpler way to do this by using the built in functionalities of the servlet API using the HttpSession API.

Got a question about MSA?

Typically, a one week period is designated for questions on a specific Ask the Experts topic.

but the code is already there.

Professor Satoshi Matsuoka, the Institute's Head of Research Infrastructure, led the project, and he spoke at last week's product announcements to tell the story of the supercomputer.

org for more details on browser-specific differences.

Resources A more extensive writeup including more examples of the XmlHttpRequest client maybe found in the jMaki documentation.

A XMLHttpRequest object is created and configured.

Another limitation of this technique is that HttpSession tracking will need to be enabled and the session must be still alive for this technique to work.

It then passes the JSON content to the XmlHttpRequestServlet instance, which passes it back to the client.

When the statement req.

The Yahoo Geocoder does not provide an option for JSON output.

I think I was dreaming.

It can be a buffer between third-party code and your application.

The techniques described in this blog are not mutually exclusive, you may choose to restrict access using a combination of techniques based on your user cases and client needs.

register called inside your Servlet.

Not specifying an output parameter in the URL will result XML formatted output.

With a better understanding of this interaction model, today's applications can become more interactive, providing the end user with a better experience.

With the Yahoo Geocoder there may be more than one set coordinates for any given location, as is the case with a request for the location "Sunnyvale.

It is recommended to use the method Yahoo services use by providing an optional output parameter of the URL as seen below.

This may be done by providing a fully qualified URL to the XmlHttpRequestServlet using the URL parameter xslURL.

We are thinking of making a modification to the CometContext.

This will also cause that exception because as above, the request is executed synchronously I did add that check because some user where getting NPE before, and the cause was I've explained above.

HTML page developers need to have a basic understanding of JavaScript technology to create new Ajax functionality.

It was a logging issue.

I will soon add to the Grizzly workspace a couple examples on how to use the API with AJAX client.

See this blog entry on Comet using Grizzly for more on the development of server push with Java technology.

Feedback options are listed in the footer for both content and delivery issues.

A client event occurs.

At any rate, I moved the register to a new "register" servlet and now it works fine.

That should only be made for SingleThread model servlet?

I recommend you add the handler only once by adding a flag to the session object

.

It is a dream come true.

More importantly the callback parameter is set to the name of the method you want called.

Let's see if I can come with something.

We have seen that Ajax interactions can solve many problems.

You can download GlassFish from the GlassFish Community Downloads page.

You said that there are three ways to integrate Ajax and JSF.

You will need a way to know who is connected, right?

Ajax interactions allow for a clear separation of presentation logic from the data.

It's best to use libraries such as Dojo, which provides fallback solutions for making Ajax interactions transparently even on older browsers that do not support the XMLHttpRequest Object:.

When the statement req.

This article will detail several techniques that you can use today to enable your web applications to be more rich and interactive like desktop applications.

The proxy passes a call from your client application to the service, receives the content in response from the service, and returns the content to your client.

If there is a valid session then it will be processed otherwise failed.

Rate and Review Tell us what you think of the content of this page.

I didn't update my implementation based on Greg Wilkins' proposal, but hey, this is build on top of ARP and once the Servlet EG approves Comet support, it will be easy to implement it.

The subtle differences with the JavaScript technology and CSS support among current generation browsers such as Mozilla Firefox, Internet Explorer, and Safari are manageable.

Now that you've seen it please go out and use the XmlHttpProxy and let us know what you think.

Following a successful request, JavaScript technology code may modify the DOM of the HTML page.

As shown in the sequence diagram above, the XMLHttpRequestProxyServlet instance handles the XMLHttpRequest and passes it on to the XMLHttpRequestProxy client, which calls the service.

In the future we plan to improve the XmlHttpProxy to support HTTP Basic authentication and more complex interactions such as HTTP POSTs to the Flickr, Del.

A poorly designed Ajax-based application could open itself up to hackers or plagiarism.

What services would you like supported with the XmlHttpProxy client?

Read more about Ajax and find links to working example applications from this article in author Greg Murray's weblog.

Likewise, you're seeing greater energy efficiency, thereby reducing costs.

I recommend you add the handler only once by adding a flag to the session object

.

But why the container is starting more than one instance of the servlet?

The callback function for this interaction is set with the statement req.

Is Ajax here to stay?

Hardcoding HTML markup inside JavaScript technology code is not a good practice because it makes the code difficult to read, maintain, and modify.

If you leave your connection opens without activity, the handler should be invoked.

Sorry if I keep asking many questions, I am just starting to get a hang of this new and powerful feature.

See the article on the use of Ajax and portlets for more on how you can use portlet applications today.

These techniques have been available to developers targeting Internet Explorer on the Windows platform for many years.

Am I doing something wrong?

NET, PHP, ColdFusion, PERL, and so on.

The page interacts with the JavaScript technology based on events such as the loading of a document, a mouse click, focus changes, or even a timer.

Although the experts will try to answer as many questions as feasible, there is no guarantee that all questions will be answered.

NET, PHP, ColdFusion, PERL, and so on.

The service provider can still track the usage and limit access if the application key is misused.

JavaScript libraries such as Dojo, Prototype, and the Yahoo User Interface Library have emerged to fill in where the browsers are not as manageable and to provide a standardized programming model.

JavaScript technology can gain a reference to any element in the HTML DOM using a number of APIs.

Other options such as Project jMaki and Project Dynamic Faces provide a way for Java developers to better use Ajax functionality without requiring deep knowledge of JavaScript technology.

As the Ajax programming model evolves, existing technologies and frameworks will make this transition easier.

The Dojo example above displays an alert dialog with the latitude from the first set of coordinates.

Another limitation of this technique is that HttpSession tracking will need to be enabled and the session must be still alive for this technique to work.

It's amazing performance!

JavaScript technology implementations: Ajax interactions depend heavily on JavaScript technology, which has subtle differences depending on the client.

Read "Ajax: A New Approach to Web Applications" by Jesse James Garrett.

responseXML, where req is an XMLHttpRequest object.

One common means to change the body content of an element is to set the innerHTML property on the element as in the following example.

URL based Restriction If you have included Google Maps in your application you will notice that it requires an API key as a parameter of the script URL.

The API key is matched to the URL directory to which the map will be accessed.

Java Studio Creator An easy-to-use visual IDE for serious web application development in Java technology, Java Studio Creator supports Ajax right out of the box.

I will soon add to the Grizzly workspace a couple examples on how to use the API with AJAX client.

Application Key based Restriction Yahoo commonly uses application level keys to give access to their vast set of services.

The request is processed by the ValidateServlet.

Please send me a mail and guide.

The servlet API provides built in support for securing your services or other web resources.

Ajax applications such as Google Maps use this technique of adding image elements using Ajax calls to dynamically build maps.

The XMLHttpRequest object makes a call.

You said that there are three ways to integrate Ajax and JSF.

That means the implementation most probably need improvements.

It's best to use libraries such as Dojo, which provides fallback solutions for making Ajax interactions transparently even on older browsers that do not support the XMLHttpRequest Object:.

"These systems are true innovations, and they give customers what they are looking for.

The Dojo example above displays an alert dialog with the latitude from the first set of coordinates.

Though not all-inclusive, this list shows that Ajax interactions allow web applications to do much more than they have done in the past.

Just a quick question: how will you find the clients you are looking at?

The polled request will be resumed when the delay set on the CometContext expires: context.

In the case of this example, let us assume that the user typed duke as the ID. But why the container is starting more than one instance of the servlet? As shown in the sequence diagram above, the XMLHttpRequestProxyServlet instance handles the XMLHttpRequest and passes it on to the XMLHttpRequestProxy client, which calls the service.

The next couple of paragraphs will introduce the API.

The CometContext is the main object a component will use to interact with others Comet requests, implemented as CometHandler.

Each technique discussed in this blog has its' benefits and pain points.

It is recommended to use the method Yahoo services use by providing an optional output parameter of the URL as seen below.

The request is processed by the ValidateServlet.

Read "Ajax: A New Approach to Web Applications" by Jesse James Garrett.

The user ID duke is present in the list of user IDs in the users HashMap.

HTML Syntax: Allowed on Mark A.

A technique such as JSONP can help in this regard, but it has some limitations.

How can I send you in a better way?

As shown in the sequence diagram above, the XMLHttpRequestProxyServlet instance handles the XMLHttpRequest and passes it on to the XMLHttpRequestProxy client, which calls the service.

The subtle differences with the JavaScript technology and CSS support among current generation browsers such as Mozilla Firefox, Internet Explorer, and Safari are manageable.

The CometEngine will also notify you by calling CometHandler.

Now let's look at each step of the Ajax interaction in more detail.

This will also cause that exception because as above, the request is executed synchronously I did add that check because some user where getting NPE before, and the cause was I've explained above.

It was a logging issue.

After I've blogged about ARP, I've started defining some Comet APIs on top of it

Read more about Ajax and find links to working example applications from this article in author Greg Murray's weblog.

I will fix that restriction soon.

The XSL Style Sheets for the services currently supported by the XmlHttpRequestProxy client may be found at [ajax](#).

Rate and Review Tell us what you think of the content of this page.

A client event occurs.

But I dont understand yet how to handle the client closing the connection.

If you leave your connection opens without activity, the handler should be invoked.

The DOM APIs provide a means for JavaScript technology to navigate the content from that document and use that content to modify the DOM of the HTML page.

You can copy and paste the URL right into your browser or use curl to readily see the results.

The page interacts with the JavaScript technology based on events such as the loading of a document, a mouse click, focus changes, or even a timer.

It then passes the JSON content to the XMLHttpRequestProxyServlet instance, which passes it back to the client.

HTML page developers need to have a basic understanding of JavaScript technology to create new Ajax functionality.

Traditionally, server-side web applications have focused on generating HTML documents for every client event resulting in a call to the server.

More important, if you don't like the current implementation, it is very easy to extend Grizzly ARP with a completely different Comet support approach.

When using the HTTP GET method, the length of URL, including escaped URL parameters, is limited by some browsers and by server-side web containers.

Now that you've seen it please go out and use the XmlHttpRequestProxy and let us know what you think.

The callback function for this interaction is set with the statement req.

In the case of the Yahoo Geocoder example uses the following style sheet on ajax

.
Even after washing the main mirror with AJAX, the HUDF was clear: the Grizzly Comet is entering our atmosphere.

Each technique discussed in this blog has its' benefits and pain points.

Although this object is not specified in the formal JavaScript technology specification, all of today's mainstream browsers support it.

Make sure the Handler is registered only one.

In the future we plan to improve the XmlHttpRequest to support HTTP Basic authentication and more complex interactions such as HTTP POSTs to the Flickr, Del.

In the case of the Yahoo Geocoder example uses the following style sheet on ajax

.
Rate and Review Tell us what you think of the content of this page.
Although this object is not specified in the formal JavaScript technology specification, all of today's mainstream browsers support it.

Will Ajax get replaced soon?

Ajax will require a different server-side architecture to support this interaction model.

Using Ajax requires that you use the latest browser versions that support the XMLHttpRequest object needed for Ajax interactions.

Is AJAX here to stay?

All the three don't use JSF life cycle?

JavaScript technology implementations: Ajax interactions depend heavily on JavaScript technology, which has subtle differences depending on the client.