

CHSH Recently Acquires Shoe Manufacturer!  
Now Opening 1000 retail Outlets!

China Shoe Holdings Inc. (CHSH)  
\$0.58

After acquiring WSTG, a China Shoe Manufacturer, CHSH is now taking the shoes directly to the consumer via 1000 retail outlets. Spanned over 2 years, CHSH will fast become a major player in the industry. Watch for more news and get on CHSH first thing Monday!

Next, the following process takes place: The sp.  
What are your thoughts?  
Each Reference element identifies the data by way of a URI.  
For example, if it is .  
The best thing to do is migrate your applet to run with the newer JRE.  
See the XML Digital Signature API overview for more information on service providers.

This certificate contains the public key needed to validate the signature.  
The first thing the plug-in tries to do is start the VM.  
The dotted lines with arrows are messages that are outside the scope of the protocol.

Which myths have been slowest to die?

There are couple of ways you can download Sun's JRE.

We now have a public document on the family clsids in [Deploying Java Applets With Family JRE Versions in Java Plug-In for Internet Explorer](#).

How do you do that using Java or maybe even using JSP?

For this example, you will use DOM to parse the XML data that you will be signing.

The page contains a form with a SAML authentication response as a hidden element.

People assume that garbage collection in the Java language works the same way, but in fact, it does nothing of the sort.

I'd like users to be able to download and install the Java plugin automatically.

The `KeyInfoFactory` class is an abstract factory that is used to create objects that implement these interfaces.

Ideally, the player would include a new GUI toolkit optimized for delivering the best possible user experience on modern graphics hardware.

I'm not sure at this point what my options are.

One or more Reference elements identify the data that is signed.

I'd like users to be able to download and install the Java plugin automatically.

The second line and its continuation create a `RowSorter` specific to the model.

This means that end users have access to the class files that are generated when your applet is compiled.

Currently, only one JVM can be loaded per browser process.

Advice for Beginners: Learn the Class Libraries Do you have any advice for those just learning to program in the Java language?

Matthew Hey: What are your thoughts about extending the applet tag to have a new parameter to specify that "all the classes are contained within the jar files listed in the archive attribute".

Can you answer the analogous question when we run Java applications with Web Start: Is it possible to tell Java Web Start which JRE should be used?

Of primary significance is the `XMLSignature` class, which allows you to sign and validate an XML digital signature.

The `NumberFilter` checks for a matching number.

Of course you should always use the best security practices in Java to write your applet code.

As I've suggested, in most applications, performance problems today are usually not due to inefficient coding but are the consequences of architectural decisions.

The final line associates the `RowSorter` with the `JTable`.

The article will also use this sample in the subsequent sections on using the API.

Generating an XML Signature This section will show you how to use the API to generate an XML signature over the contents of the `PurchaseOrder` element that the article introduced earlier.

Java technology is continuing to deliver on the performance promise of managed runtimes.

If you want to add your own action when the sort order changes, you can attach a `RowSorterListener` to the `RowSorter`.

com page and click on the "Download now" button to download and install the latest JRE available for consumers.

`dsig` Contains classes that represent the core elements defined in the XML digital signature specification.

binding The SAML binding in the protocol.

Can I place the plugin in my server machine?

Within the page, it has a JavaScript example on detecting if family clsid support is available from the installed JRE's on the local machine.

XML signatures are often described as being of one or more of three types: A detached signature is over data that is external to the Signature element.

In order for Java Plug-In applications to share data with Java Web Start, we have changed our caching directory to a "Low" privilege directory.

For example, if it is .

The notFilter is used for reversing another filter.

This means things such as using private or package private instead of public variables and methods where possible, and avoid certain security anti-patterns.

Matthew Hey: What are your thoughts about extending the applet tag to have a new parameter to specify that "all the classes are contained within the jar files listed in the archive attribute".

Otherwise, the signature would include itself in the data to be signed, which is not correct.

For example, if it is .

Therefore, other applications such as Java Web Start will be able to read and write to that directory as well.

Calvin Cheung: On windows, our JVM runs within the browser process.

Matthew Hey: What are your thoughts about extending the applet tag to have a new parameter to specify that "all the classes are contained within the jar files listed in the archive attribute".

spec Contains classes representing input parameters for the digest, signature, transform, or canonicalization algorithms used in the processing of XML signatures.

Abstractions are great at helping us wrap our heads around complicated problems, because they allow us to restrict ourselves to thinking about one part at a time.

Similarly, remote method calls are also convenient, but can we justify the performance cost in business terms?

Such tools would rename classes, fields, and methods using short meaningless names.

Most modern table-driven user interfaces allow users to sort columns by clicking on the table header.

The first block of code retrieves the signer's X.

Following is the process: The user, with an account at the IdP, attempts to access a resource at the SP from a browser.

How to set the applet parameters so that it can run on any JRE installed on a client machine?

How do you do that using Java or maybe even using JSP?

Future versions of the script will likely streamline simple deployments by making metaAlias, idpEntityID, and binding optional.

Acknowledgment Special thanks to Rob Richards, author of the PHP library for XML security, for his gracious permission to adapt the library code into OpenSSO for use in Lightbulb.

When we have hundreds of companies using our applets anything that makes deployment harder hurts us.

Margarita Fisher: There has been some investigation and prototyping going on to address the initial JRE download size issue.

Kanda D Han: I want to install Java plug-in for my computer.

idpEntityID The IdP identifier for authentication.

Processing the SAML Response On receiving the authentication request, the IdP authenticates the user and directs the browser to post a SAML response to the sp.

See Ethan Nicholas's blog.

Initiating SAML SSO The following excerpt from the prompt.

That way users can easily upgrade their machines and get the latest version of the JRE via a simple download.

Redirects the browser to that URL.

I'm surprised that the consequences are to crash the whole browser, but it doesn't matter.

As I've suggested, in most applications, performance problems today are usually not due to inefficient coding but are the consequences of architectural decisions.

The preceding is a high-level view of SAML SSO.

Cindy Vogel: Dennis, thank you very much for the answer.

When I check my Java start it states there are no upgrades.

I'd like users to be able to download and install the Java plugin automatically.

So using XML as an interchange format is great for integrating disparate systems

Dennis Gu: To initially deploy the JRE on desktop machines, you can host the "Get Java" button on your web page.

Canonicalization eliminates these permissible syntactic variances by converting the XML to a canonical form before generating or validating the signature.

The garbage collector in contemporary JVMs doesn't touch most garbage at all.

So by the time they get to garbage collection, most objects that have been allocated since the last garbage collection are already dead.

The Java Upgrade Program page has more information about the "Get Java" button.

The IdP authenticates the user.

html, the browser should automatically open it by default.

I would think that the updated version MUST support any program made with older versions, correct?

Generating an XML Signature This section will show you how to use the API to generate an XML signature over the contents of the PurchaseOrder element that the article introduced earlier.

After a JRE has been installed on a machine, the Java Update feature will keep the machine up to date with the latest JRE release.

See the KeyInfo section of the XML Signature standard for more information on KeyInfo and the types of information it may contain.

Next, the following process takes place: The sp.

How to set the applet parameters so that it can run on any JRE installed on a client machine?

The validate method returns true if the signature is valid and false if it is invalid.

No, according to the applet tag specification.

Future versions of the script will likely streamline simple deployments by making metaAlias, idpEntityID, and binding optional.

I'm not sure at this point what my options are.

When I check my Java start it states there are no upgrades.

Of course you should always use the best security practices in Java to write your applet code.

This section follows the SAML SSO protocol described in the previous section through the Lightbulb code and highlights the two SSO integration points between Lightbulb and the application.

php Script Parameter Description metaAlias The SP identifier.

This allows you to develop a service provider implementation of the API.

, saying if you're running Linux use this library, on Windows use this library, etc.

dom Contains DOM-specific classes for the javax.

For example, if it is .