

# Re: JSP Internationalization

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2007-03/msg02325.html>

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- *From:* "mart" <[mart.thorpe@xxxxxxxx](mailto:mart.thorpe@xxxxxxxx)>
  - *Date:* 20 Mar 2007 03:17:17 -0700
- 

I had a similar problem with Greek characters. The only thing that fixed it for me was to make sure that my Oracle database was in the correct character set, Oracle 9i did not use the standard UTF-8 unless you set up the whole database at creation time with one obscure character set.

Also had to put this in all my pages.

```
<% @ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

Absolutely all of them including in all the included JSP files. That fixed it for me. In my experience it is normally the database that is causing the problem.

Sorry if you know this already, best of luck  
cheers  
Martin

On Mar 8, 4:10 pm, dschect...@xxxxxxxx wrote:

On Mar 7, 6:01 pm, "ck" <[chandankuma...@xxxxxxxx](mailto:chandankuma...@xxxxxxxx)> wrote:

On Mar 8, 2:44 am, dschect...@xxxxxxxx wrote:

I am trying to setup a test for internationalizing JSP pages in Japanese. I have some sample strings that I converted in resource files which I ran through native to ascii.

When I run the pages, I do not see any Japanese characters.

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On the screen I only see question marks. I tried hardcoding the unicode encoded strings. I still get question marks. What am I missing.

The application is running on iplanet app server 6.5 and iplanet web server 6.0.  
Java(TM) 2 Runtime Environment, Standard Edition (build 1.3.1\_04-b02)  
Java HotSpot(TM) Client VM (build 1.3.1\_04-b02, mixed mode)

Thanks for your input.

David

Here is the output  
This is a test for Japanese: ??? ? ???

Here is the JSP source.  
<% @ page import="java.util.ResourceBundle" %>

```
<html>
<head>
<meta http-equiv="Content-Type"
content="text/html;charset=UTF-8">
</head>
<body>
This is a test for Japanese:
<%
ResourceBundle res =
ResourceBundle.getBundle("MyResource");
%>
<%=res.getString("teststring"); %>
<%
tmp="\u6708"; //unicode encoded
%>
```

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```
<%=tmp%>  
<%  
tmp="AÆ ";  
>  
<%=tmp%>  
</body>  
</html>
```

save the resource file as utf8 format. If you save it as ascii char set you would get question marks.

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Ck<http://www.gfour.net>–Hide quoted text –

– Show quoted text –

The native resource file is saved as UTF 8. When I run native2ascii I specify utf-8 encodiing. The ASCII equivalent whether from the compiled resource file or pasted into the JSP appear as question marks.

David