

Re: Post XML to a Java servlet using HttpRequest

Source:

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Kevin Schneider wrote:

```
> I am trying to POST an XML string to a Java servlet, but I am getting
> the error "The underlying connection was closed: An unexpected error
> occurred on a receive." when I try to get the response. Here's the
> relevant code (some of the names have been changed to protect the
> innocent):
>
> string lcUrl = "http://10.10.10.10:8503/Servlet";
> HttpRequest loHttp = (HttpRequest) WebRequest.Create(lcUrl);
>
> loHttp.Method="POST";
> byte [] lbPostBuffer =
> System.Text.Encoding.GetEncoding(1252).GetBytes(xmlRequest);
> loHttp.ContentType = "text/xml";
> loHttp.ContentLength = lbPostBuffer.Length;
>
> //Send the POST data
> Stream loPostData = loHttp.GetRequestStream();
> loPostData.Write(lbPostBuffer,0,lbPostBuffer.Length);
> loPostData.Close();
>
> //////////
> //Exception happens here
> HttpResponse loWebResponse = (HttpResponse)
> loHttp.GetResponse();
> //////////
>
> Encoding enc = System.Text.Encoding.GetEncoding(1252);
>
> StreamReader loResponseStream = new
> StreamReader(loWebResponse.GetResponseStream(),enc);
>
> string lcHtml = loResponseStream.ReadToEnd();
> loWebResponse.Close();
> loResponseStream.Close();
```

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> The XML data looks is  
> "<?xml version='1.0' encoding='UTF-8' ?>  
> <ContactRequestElementDO>  
> <ContactSearchDO>  
> <ProductInstID>BBCB7987</ProductInstID>  
> </ContactSearchDO>  
> </ContactRequestElementDO>"
```

If that's your typical payload, then using

```
System.Text.Encoding.GetEncoding(1252)
```

is wrong. This gets a Windows-1252 Encoding instance, but your XML obviously uses UTF-8.

Unfortunately, that isn't likely to fix the problem, since your sample XML contains only ASCII characters, and the HTTP code looks OK (adding some using() statements wouldn't hurt, though). Is there an error on the server-side? Does the servlet process the request?

Cheers,

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