
Subject: Re: Mapping of IDL to Java runtime check
Posted by [Nat Pryce](#) on Thu, 13 Aug 1998 07:00:00 GMT
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Alexander Björneheim wrote:

>
> Hello!
>
> I'm having trouble with passing String data from Java to a Corba
> component. When my Java String data contains swedish national characters
> Å½, Å½, Å½ I get a CORBA::DATA_CONVERSION error. I've found in an OMG
> document section 'Mapping of OMG IDL to Java' that IDL characters are
> 8-bits while Java characters are 16-bit Unicode. The OMG document says
> that 'range checking for characters in the string shall be done at
> marshal time'. I guess that the national characters fall outside of range
> for the IDL characters.
>
> My question is how do I write this check in Java? How do I convert
> Unicode so it fits IDL characters?

Can't you use a CORBA wstring? That gets mapped directly to
a Java string and can contain international character sets.

Cheers,
Nat.

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