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Subject: Re: Differences between IDL's floats and Java's floats - a problem

Posted by [R.G. Stockwell](#) on Thu, 13 Nov 2003 16:42:06 GMT

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"Neil Crosby" <necr@pml.ac.uk> wrote in message

news:3eda43e9.0311130409.5ee02334@posting.google.com...

> I am currently porting some IDL code across to java, and I've run into  
> a couple of snags with the different ways IDL and Java deal with  
> numbers. Most of these I have sorted, with trips to the APIs and a  
> fair bit of googling. However, there is one I haven't managed to sort  
> out yet.

...

> If I run the float code on these same four bytes though, IDL will give  
> me 412.50 (the value I want), while Java will give 5.951465E-39 -  
> clearly not the number I'm looking for!

...

> Neil

Hi Neil,

as David said, this looks like a endian problem. Check out

<http://www.ibiblio.org/javafaq/books/javaio/ioexamples/07/in dex.html>

and there are some classes that deal with little endian inputs.

Cheers,  
bob

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