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Subject: Re: NR\_MACHAR hangs under Win95  
Posted by [Kevin Ivory](#) on Mon, 03 Mar 1997 08:00:00 GMT  
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Brian Jackel wrote:

> While using the library routine CURVEFIT, IDL kept hanging  
> (IDL 4.0.1 running under Windows95). Eventually I traced the  
> problem to the following line  
>  
> res = nr\_machar(DOUBLE=double)  
>  
> which gets called only if numerical derivatives are required.  
>  
> Presumably this does the Numerical Recipes calculations for  
> machine constants, but since it's not mentioned in the on-line  
> help (or the hardcopy documentation) it's tough to be sure.  
>  
> Can anyone reproduce this problem on any other platform, or  
> confirm it under Windows95?

You are right about the Numerical Recipes machine-specific parameters. It is in the documentation, but since IDL 4.0 all the Numerical Recipes routines do not have the leading 'nr\_' anymore. I never got 'machar' to work on an OSF1 platform, I always presumed it was because of the 64bit platform (which would make the routine even more necessary ;-)

Best regards  
Kevin

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