
Subject: Re: IDL 8.2.2 and PLOT with NaN values
Posted by [Fabzi](#) on Tue, 26 Mar 2013 16:44:04 GMT
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The error comes because your are putting a NaN float in an integer array. Try:

```
p = PLOT([1.,2,3,4,!VALUES.F_NAN,6,7,8,9])
```

cheers,

Fab

On 03/26/2013 04:59 PM, Karlo Janos wrote:

```
> Hi group,  
>  
> can somebody confirm, that the PLOT function in IDL 8.2.2 produces the  
> "arithmetic error: Floating illegal operand" when plotting a vector  
> which contains NaN values?  
>  
> Example:  
> p = PLOT([1,2,3,4,!VALUES.F_NAN,6,7,8,9])  
>  
> If I remember correctly, the former versions of IDL just skipped the  
> NaNs without any error message.  
>  
> I am frustrated...  
>  
> Thanks  
>  
> Karlo  
>
```
