
Subject: CMAST\$GEN_COM undefined error

Posted by [Steven DiMarco](#) on Fri, 20 Oct 2000 07:00:00 GMT

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Hi,

I am running PV-WAVE 7.0 on a SUN ULTRA-5 running SOLARIS 5.7 and when I run any of the math-2_0 routines containing the COMMON CMAST\$gen_com variable I get the following error message:

```
WAVE> print,beta(10,10)
```

```
% ON_ERROR: Variable is undefined: ON_ERR_ACTION (CMAST$GEN_COM).
```

```
% Execution halted at BETA <beta.pro( 6)> (ON_ERROR).
```

```
% Called from $MAIN$ .
```

Any ideas on how to make PVWAVE recognize this common block.

Below is the beta procedure in the vni/math-2_0/lib directory.

```
; $Id: beta.pro,v 1.1.1.1 1995/06/19 19:43:59 rita Exp $
FUNCTION beta, x, $      ;INPUT Scalar or 1-D array: floating point
      y, $      ;INPUT Scalar or 1-D array: floating point
      double=double ;INPUT Scalar ON/OFF flag
COMMON CMAST$gen_com, on_err_action
ON_ERROR, on_err_action

RETURN, call_spcl_fcn2(x, y, $
      fcn_name = "BETA", $
      double = double, $
      inverse = inverse)
END
```

Regards,
steve

--

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Subject: Re: CMAST\$GEN_COM undefined error

Posted by [Mark D. Williams](#) on Tue, 24 Oct 2000 07:00:00 GMT

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Is this in the FAQ somewhere?

You gotta initialize 'em before you use 'em:

WAVE> @math_startup
WAVE> @stat_startup

Regards,
M. Williams
Resource Engineering, Inc.

Steven DiMarco wrote:

```
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>      y, $      ;INPUT Scalar or 1-D array: floating point  
>      double=double ;INPUT Scalar ON/OFF flag  
> COMMON CMAST$gen_com, on_err_action  
> ON_ERROR, on_err_action  
>  
> RETURN, call_spcl_fcn2(x, y, $  
>      fcn_name = "BETA", $  
>      double = double, $  
>      inverse = inverse)  
> END  
>  
> Regards,  
> steve  
>  
> --  
> Steven F. DiMarco PhD  
> Associate Research Scientist : Department of Oceanography  
> Office: (979)862-4168       : Texas A&M University  
> Internet: sdimarco@tamu.edu  : College Station, TX 77843-3146
```
