

Re: maxval,product, etc with mask all false

Source: <http://coding.derkeiler.com/Archive/Fortran/comp.lang.fortran/2004-05/0365.html>

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"Richard Maine" <nospam@see.signature> wrote in message
news:m1r7tsrwpf.fsf@macfortran.local...

> *All these cases should be documented in any Fortran text. In general,*
> *they return a "reasonable" extrapolation to the zero-size condition,*
> *but the extrapolation is different for different cases. For example,*
> *product is different from maxval/minval. Thus, although I can give*
> *you the specific answers for those 3, I can't answer the "such as"*
> *part of your question in other than the above very general terms. Do*
> *note that having all elements of the mask be zero is just like having*
> *a zero-sized array with no mask – that might help your intuition about*
> *what the "reasonable" extrapolation is likely to be. I do recommend a*
> *textbook for things like this (any textbook).*

The "such as" doesn't seem like such a long list:

SUM: Zero

COUNT: 0

ANY: .FALSE.

ALL: .TRUE.

MAXLOC & MINLOC: A processor-dependent result in F95; zero
is broadcast into the result in F03 --- thanks again for
making this change.

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```
write(*,*) transfer((/17.392111325966148d0,6.5794487871554595D-85, &  
6.0134700243160014d-154/),(/'x'/)); end
```