

# Re: Access violation after nullifying and again allocating pointer

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*Source:* <http://coding.derkeiler.com/Archive/Fortran/comp.lang.fortran/2005-09/msg00152.html>

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  - *Date:* Thu, 08 Sep 2005 15:25:58 +0200
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Thanks for your answer, Jan !

Now I have checked the runtime error, which appears when allocating the pointer array, where the program crashes. It is runtime error 41 - which means that there is not enough virtual memory. But it appears if I replace the nullify with a deallocate, too.

Klemens

Jan Vorbrüggen wrote:

You should be aware that nullifying the pointer does *\_not\_* deallocate the memory that now, possibly, has become inaccessible to the program. Of course, a deallocate also nullifies the pointer. So, perhaps your program is running out of memory, and VF 5's RTL is unkind in just crashing instead of providing a useful error message?

BTW, VF 5 is...well...old. Why not use, for instance, the non-commercial license for the Intel compiler? There was some strange wording in that license recently with regard to academic, though...

Jan