
Subject: Re: Recursion

Posted by [R. Bauer](#) on Tue, 06 Oct 1998 07:00:00 GMT

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Martin Vissers wrote:

> To start the monday:
>
> Does anybody know how many times a procedure
> can be called recursively ??
>
> I have a small program which gives problems if its
> called more then 20 times
>
> Hope someone can help me, the manual couldn't
>

The problem is that's in recursively used procedure all variables inside will be duplicated as many the routine is called.

For example if you call it 20 times as you say and you like to define inside an array of 1000 elements then the memory is allocated $20 \times 1000 \times [\text{type}]$ bytes.

If you have big and many arrays inside your recursive called routine you will get in trouble.

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