

Re: Where is a static variable stored?

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In article <1152901674.865652.57980@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, Jack <junw2000@xxxxxxxx> wrote:

I think for a static variable defined out of any functions, i.e., it is a global variable, it is located in the data segment of the program. How about a static variable defined within a function? it is a local variable. Is it located at the stack?

And if the other more detailed answers are not sufficiently clear to you:

NO. I have never encountered an implementation that stored a static variable in the stack. Doing so would not be impossible (provided the implementation has a stack at all), but it is enough extra work to be unlikely to be the chosen mechanism; such an implementation would, for example, have the side effect of being unable to build dynamically loadable libraries.

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Okay, buzzwords only. Two syllables, tops. -- Laurie Anderson

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