

Re: Use of static ?

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.c/2005-10/msg01289.html

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 - *Date:* Sat, 15 Oct 2005 22:47:15 +0100
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In article <1129328054.840161.134400@xx>, codefixer@xxxxxxxx wrote:

- > Hello:
- >
- > I am trying to understand the use of static in this program.
- > <http://nanocrew.net/sw/nscdec.c> for "inverse" matrix.
- >
- > What difference would it make if it were not static and just "const
- > unsigned char inverse[128]" in global space which it already is ?

Do you think nobody else would ever have the idea to use an array named "inverse" ?

Use of the "static" keyword means that this one file is the only place where the "inverse" matrix is used. If you want to change the algorithm used, and therefore change the size or contents of the "inverse" matrix, you would have to check every single source code file whether it accesses that array or not. Making it static means you have to check only that one file.

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- *References:*
 - ◆ [Use of static ?](#)
 - ◇ *From:* codefixer
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