

comp.unix.programmer: Re: recvfrom returns with an error code of 14, EFAULT "Bad Address"

## Re: recvfrom returns with an error code of 14, EFAULT "Bad Address"

**Source:** <http://unix.derkeiler.com/Newsgroups/comp.unix.programmer/2003-07/0095.html>

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Date: Thu, 03 Jul 2003 17:29:36 GMT

In article <480de79d.0307030820.7b959e89@posting.google.com>, Chris Ritchey <[rethnor@yahoo.com](mailto:rethnor@yahoo.com)> wrote:

*>I'll post the code at the bottom of the post. Whenever I try to*

It looks like you didn't post the correct code, I don't see any calls to `recvfrom()` in the excerpt.

*>retrieve a udp packet sent via broadcast I get the errorcode  
>EFAULT(bad address). The same program sends out the packets without*

Sounds like you passed an uninitialized pointer as the buffer argument.

*>any complaints but it fails when retrieving, I'm lost as to why it  
>would report this error. It returns the number of bytes correctly but*

If it returns the number of bytes, then how can it also be reporting an error code? `Errno` is only meaningful if `recvfrom()` returns `-1`.

*>returns the char\* buffer as NULL. Any help would be appreciated and I*

I don't understand this at all. Buffer is an input parameter, not an output parameter. You have to pass in the pointer to the place where you want the data written.

*>wouldn't be suprised if I was just missing something simple with  
>broadcasting as I am still learning some aspects of socket  
>programming.Thanks in advance to all whom reply and here is the code:*

Have you looked at the sample code in *Unix Network Programming, Vol.1*?

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