

Re: Can anybody correct this code?

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.c/2006-04/msg02564.html

- *From:* Andrew Poelstra <apoelstra@xxxxxxx>
 - *Date:* Mon, 24 Apr 2006 14:18:19 GMT
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jeniffer wrote:

This is a C program compiled on gcc compiler that tries to set a new entry in the arp cache, get an entry and also delete an entry from it. I have run this program but in the set function Set_Entry function a call to ether_aton(a, n) is made but the value of sa_data is not being updated. This is why I think that I am getting the error of invalid argument in ioctl func. Plz help me out.

```
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>

#include <netinet/if_ether.h>
#include <sys/ioctl.h>

#if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1
#include <netpacket/packet.h>
#include <net/ethernet.h>
#else
#include <asm/types.h>
#include <linux/if_packet.h>
#include <linux/if_ether.h>
#endif
[snip]
```

That's enough to determine that you aren't using standard C. You need to post in comp.unix.programmer or possibly a networking group.

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