

Re: how can we check to not enter the any string or char?

Re: how can we check to not enter the any string or char?

Source: http://coding.derkeiler.com/Archive/C_CPP/comp.lang.c/2007-11/msg00171.html

- *From:* CBFalconer <cbfalconer@xxxxxxxxxx>
 - *Date:* Thu, 01 Nov 2007 18:47:47 -0500
-

Flash Gordon wrote:

CBFalconer wrote, On 01/11/07 16:12:

.... snip ...

```
if (((UINT_MAX - ch) / 10) > value) {
```

This is meant to be a bounded input, pass in and test against the bounds allowed rather than some other value.

No, this is intended to ensure the value fits into an unsigned int.

```
/* overflow detected, decide what to do */  
ch = ch + '0'; /* restore char value */  
break;  
}  
value = 10 * value + ch;  
}  
ungetc(ch, f); /* keep exit char for the user */  
return err;  
} /* untested - you check it out */
```

Still untested by me.

.... snip ...

Re: how can we check to not enter the any string or char?

Re: how can we check to not enter the any string or char?

Of course, you have just done most of this chaps homework.

No I haven't. The function is incomplete. Nobody seems to notice that it doesn't bother to return value, as it should, and that err should be a further parameter (*err). What I have done is encourage him to develop a standard reusable input mechanism, whose value can be checked by the caller, and which doesn't require (possibly) long strings etc.

--

Chuck F (cbfalconer at mainline dot net)
Available for consulting/temporary embedded and systems.
<<http://cbfalconer.home.att.net>>

--

Posted via a free Usenet account from