
Subject: Fixed two critical Linux bugs...

Posted by [mirek](#) on Mon, 25 Dec 2006 10:05:33 GMT

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- fluxbox crashing was fixed

- crashing in 64-bit mode was fixed.

BTW, this second one was a bug with moral story. After 40 hours of hunting it down, it was caused by:

```
void    Put32(int q)        { if(ptr < wrlim - 3) { *(long *)ptr = q; ptr += 4; } else Put(&q, 4); }
```

...but in GCC64, long is 64-bit.

Moral of the story is to never use "long" and use types with defined width if width matters.

(Sure, it is well known, to apologize our incompetence, that small piece of code is one of oldest parts of U++. I guess we have mistyped "long" there around 1998...).
