
Subject: Re: FIX FOR FC5 SEG FAULTS

Posted by [Robbie](#) on Sun, 15 Apr 2007 03:11:59 GMT

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I've replicated the problem with FC6

Apr 15 12:36:14 Updated: libX11.x86_64 1.0.3-7.fc6

Apr 15 12:36:16 Updated: libX11.i386 1.0.3-7.fc6

Apr 15 12:36:21 Updated: libX11-devel.x86_64 1.0.3-7.fc6

Temporary fix

```
rpm -e --nodeps libX11.i386
```

```
rpm -e --nodeps libX11.x86_64
```

```
rpm -i http://mirror.linux.duke.edu/pub/fedora/linux/core/updates/6  
/x86_64/libX11-1.0.3-6.fc6.x86_64.rpm
```

```
rpm -i http://mirror.linux.duke.edu/pub/fedora/linux/core/updates/6  
/x86_64/libX11-1.0.3-6.fc6.i386.rpm
```

-- Restart your X server --

This problem seems to be affecting some other Fedora packages as well, however, on such occasions it appears that libX11 has been misused.

To diagnose the problem I installed

```
http://mirror.linux.duke.edu/pub/fedora/linux/core/updates/6  
/x86_64/debug/libX11-debuginfo-1.0.3-7.fc6.x86_64.rpm
```

I then ran IDL in debug mode

```
D_LIBRARY_PATH=/usr/local/rsi/idl_6.3/bin/bin.linux.x86_64/ gdb /usr/  
local/rsi/idl_6.3/bin/bin.linux.x86_64/idl
```

I set a break for XPutImage. I was hoping to see something similar to https://bugzilla.redhat.com/bugzilla/show_bug.cgi?id=236006 but I don't

```
rbreak XPutImage
```

```
run
```

This starts IDL

```
IDL> tvscl, dist(500)
```

```
% Compiled module: DIST.
```

```
[Switching to Thread 46912519784448 (LWP 5869)]
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137349, gc=0x985b10,  
image=0x7fff48eab7f0, req_xoffset=0, req_yoffset=0, x=0, y=0,  
req_width=17, req_height=24) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137354, gc=0x987dc0,  
    image=0x987b00, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=16,  
    req_height=16) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137360, gc=0x990d80,  
    image=0x7fff48eae840, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=16, req_height=16) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137362, gc=0x990d80,  
    image=0x7fff48eae840, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=16, req_height=16) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137365, gc=0x98b560,  
    image=0x7fff48eae820, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=1,  
    req_height=1) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137376, gc=0x98efd0,  
    image=0x7fff48eae920, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=1,  
    req_height=1) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

```
Breakpoint 1, XPutImage (dpy=0x75b2a0, d=46137379, gc=0x98e3c0,  
    image=0x7fff48eae7b0, req_xoffset=0, req_yoffset=0, x=0, y=0,  
    req_width=17, req_height=17) at PutImage.c:954
```

```
954  {  
(gdb) continue  
Continuing.
```

Program received signal SIGSEGV, Segmentation fault.
0x00002aaaaadcc122 in rw_drawable ()
from /usr/local/rsi/idl_6.3/bin/bin.linux.x86_64/libidl.so.6.3
(gdb) q

Robbie
