
Subject: Re: OpenBSD porting problem

Posted by [masu](#) on Sun, 23 Nov 2008 22:58:45 GMT

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Hi Mirek,

I'll give it another try, now.

I bought an eeePC and installed OpenBSD 4.4 on it.

Default compiler is GCC 3.3.5.

I downloaded Upp 2008.1 and adjusted sources and Makefile to compile fine, but in static, NOGTK, debug mode.

Then when I want to start TheIDE, I get an segfault in VCont.h asserting about Container size.

After debugging, I have found that the error occurs at line 437 in Draw/Image.cpp.

Here is part of the debug session:

```
437     m.image = cached[i];
```

```
(gdb) p cached
```

```
$15 = {<Upp::MoveableAndDeepCopyOption<Upp::Vector<Upp::Image>, Upp::EmptyClass>> =  
{<Upp::Moveable<Upp::Vector<Upp::Image>, Upp::DeepCopyOption<Upp::Vector<Upp::Image>, Upp::EmptyClass>> = {<Upp::DeepCopyOption<Upp::Vector<Upp::Image>, Upp::EmptyClass>> = {<Upp::EmptyClass> = {<No data fields>}, <No data fields>}, <No data fields>}, <No data fields>}, vector = 0x0, items = 0, alloc = 0}
```

```
(gdb) p i
```

```
$16 = 0
```

```
(gdb) bt
```

```
#0  Upp::Iml::Get (this=0x3c3f9c60, i=0) at uppsrc/Draw/Image.cpp:437
```

```
#1  0x1c3d4e30 in Upp::Override (target=@0x3c3f9c60, source=@0x3c3f9c60, colored=true) at uppsrc/Draw/Cham.cpp:554
```

```
#2  0x1c3d4ef6 in Upp::ColoredOverride (target=@0x3c3f9c60, source=@0x3c3f9c60) at uppsrc/Draw/Cham.cpp:564
```

```
#3  0x1c26a576 in Upp::ChStdSkin () at uppsrc/CtrlLib/Ch.cpp:22
```

```
#4  0x1c403cc4 in Upp::Ctrl::ChSync () at uppsrc/CtrlCore/Ctrl.cpp:882
```

```
#5  0x1c42897f in Upp::Ctrl::InitX11 (display=0x0) at uppsrc/CtrlCore/X11App.cpp:375
```

```
#6  0x1c0a95d4 in main (argc=1, argv=0xcfbf9d10, envptr=0xcfbf9d18) at uppsrc/ide/idewin.cpp:672
```

As you can see cached is empty, that means assignment at line 432 gave an empty image vector.

I hope you'll find it worth to get Upp also running on OpenBSD, even if it is not a frequently used development platform.

Regards,
Matthias
