Subject: [BUG & FIX] in HeaderCtrl::LeftDouble
Posted by qapko on Fri, 30 May 2014 08:30:27 GMT
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Hello.

I have upgraded my installation of Ultimate++ from version 3211 to 7403 (yes, I was really using it for 3 years!). While testing my application with the new version I incidentally found a bug in method HeaderCtrl::LeftDouble causing my application to crash after double-clicking at the "right place" of HeaderCtrl. I think the problem is that in the method the value returned by GetSplit is not tested by IsNull. I'm not using the functionality at all, so my fix is some kind of blind:

```
void HeaderCtrl::LeftDouble(Point p, dword keyflags)
{
 int q = GetSplit(p.x);
 if(q >= 0 || IsNull(q))
  return;
 q = -1 - q;
 col[q].WhenLeftDouble();
}
```

Is the code OK? And aren't there some other places with the same problem?

Have a nice day and thank you for the Ultimate++

Gabi

Subject: Re: [BUG & FIX] in HeaderCtrl::LeftDouble
Posted by qapko on Fri, 13 Jun 2014 08:43:44 GMT
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Hello.

Please, can somebody look at the fix and eventually apply the changes to the Ultimate++ sources? The problem appears when I have HeaderCtrl in "absolute" mode and double-click at the HeaderCtrl at the empty place right of the last showed column. I'm sorry that in my last post it wasn't explained clearly. In fact I thought it would be obvious to anybody knowing what GetSplit does. But nor I am the one...

Thank you.

Gabi

Subject: Re: [BUG & FIX] in HeaderCtrl::LeftDouble
Posted by qapko on Fri, 27 Jun 2014 07:43:45 GMT
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OK. So here is the testcase

It is a code from Upp/reference/ArrayCtrl modified to expose the bug (main.cpp, line 47).
After starting the application just try to double-click on the header of the array at the empty space right after the last column. The place is marked with the red arrow here:

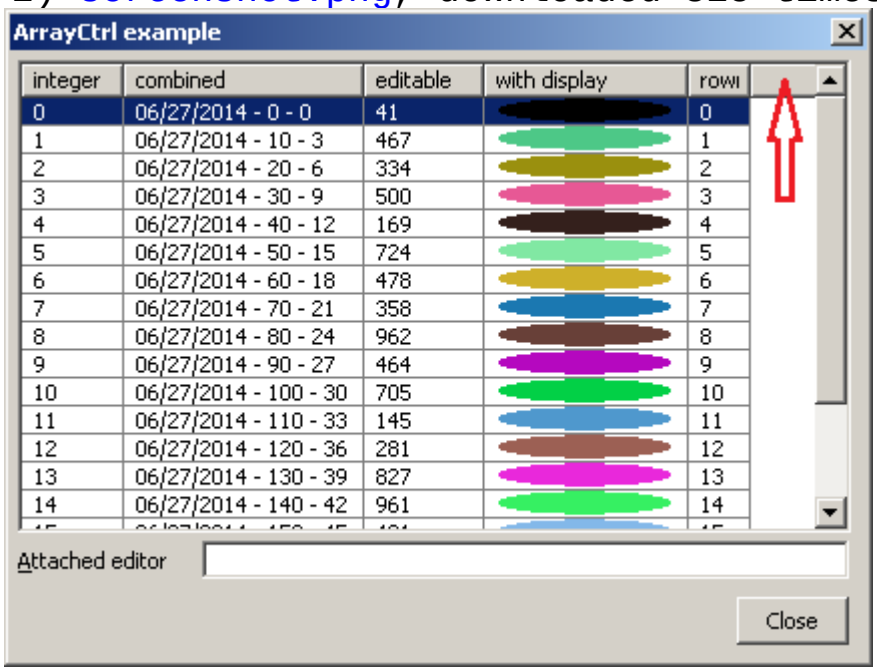
Please, can the fix be applied to the official Ultimate++ sources?

Thank you and have a nice day

Gabi

File Attachments

1) reference_ArrayCtrl.zip, downloaded 636 times
2) screenshot.png, downloaded 825 times



Subject: Re: [BUG & FIX] in HeaderCtrl::LeftDouble
Posted by mirek on Wed, 16 Jul 2014 06:35:53 GMT
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What a shame missing this for so long. I apologize, thanks for the testcase, it is fixed now.

And you did a right thing to send a private message, next time do it again, please.

Mirek