
Subject: [SECURITY] Drag-n-drop enabled in password fields

Posted by [Shire](#) on Tue, 05 Oct 2010 08:43:31 GMT

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In password fields drag and drop text is enabled by default. When dragging text, password shows in sample picture.

This must be disabled by additional check in

```
void EditField::LeftDrag(Point p, dword flags)
{
+ if(password) return;
```

Also EditField::GetCursor() can be rewritten for proper selection:

```
int EditField::GetCursor(int posx)
{
    posx -= 2;
    if(posx <= 0) return 0;

    FontInfo fi = font.Info();
    int count = text.GetLength();
    if(password)
        return min((posx + fi['*'] / 2) / fi['*'], count);

    int x = 0;
    const wchar *s = text;
    int i = 0;
    while(i < count)
    {
        int width = fi[*s];
        if(posx < x + width / 2)
            break;
        x += width;
        s++; i++;
    }
    return i;
}
```

Some methods (GetTextCx(), Paints()) have argument 'password'. For what?

Subject: Re: [SECURITY] Drag-n-drop enabled in password fields

Posted by [mirek](#) on Mon, 11 Oct 2010 08:07:21 GMT

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Thank you, applied.

Mirek
