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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 wifth = fi[*s];
    if(posx < x + wifth / 2)
        break;
    x += wifth;
    s++; i++;
}
return i;
}
```

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

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