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

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