
Subject: Re: ReadSecret() function for reading passwords, etc. from the console.
Posted by [Oblivion](#) on Mon, 08 Jan 2018 13:07:51 GMT

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Hello Mirek,

Improved version:

It seems that TCSADRAIN is recommended over TCSANOW, when reading secret input.
Also, I added the line: "Cout().PutEol()" to ReadSecret() function, as it should move to a new line, after it has read input.

```
String ReadSecret()
{
    DisableEcho();
    String s = ReadStdIn();
    EnableEcho();
    Cout().PutEol();
    return s;
}

void EnableEcho(bool b)
{
#ifdef PLATFORM_POSIX
    termios t;
    tcgetattr(STDIN_FILENO, &t);
    if(b) t.c_lflag |= ECHO;
    else t.c_lflag &= ~ECHO;
    tcsetattr(STDIN_FILENO, TCSADRAIN, &t);
#elif PLATFORM_WIN32
    HANDLE h = GetStdHandle(STD_INPUT_HANDLE);
    DWORD mode = 0;
    GetConsoleMode(h, &mode);
    if(b) mode |= ENABLE_ECHO_INPUT;
    else mode &= ~ENABLE_ECHO_INPUT;
    SetConsoleMode(h, mode);
#endif
}
```

Best regards,
Oblivion
