
Subject: Bug in Stream::Pack

Posted by [Didier](#) on Mon, 22 Jul 2013 18:39:03 GMT

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Hi,

Reading some code in 'Core/Stream.cpp' trying to understand what the '/' meant when serialising data, I stumbled on a bug:

'f' parameter gets overlapped by local variable, so this will not work as expected:

```
void Stream::Pack(bool& a, bool& b, bool& c, bool& d, bool& e, bool& f, bool& g, bool& h) {
    if(IsError()) return;
    if(IsLoading()) {
        int f = Get();
        if(f < 0) LoadError();
        else {
            a = !(f & 0x80);
            b = !(f & 0x40);
            c = !(f & 0x20);
            d = !(f & 0x10);
            e = !(f & 0x08);
            f = !(f & 0x04);
            g = !(f & 0x02);
            h = !(f & 0x01);
        }
    }
    else {
        int f = 0;
        if(a) f |= 0x80;
        if(b) f |= 0x40;
        if(c) f |= 0x20;
        if(d) f |= 0x10;
        if(e) f |= 0x08;
        if(f) f |= 0x04;
        if(g) f |= 0x02;
        if(h) f |= 0x01;
        Put(f);
    }
}
```