
Subject: Re: assignment inside boolean expression
Posted by [Jeffrey Jones](#) on Tue, 11 Jul 2000 07:00:00 GMT
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In article <396A3790.43C8EB31@astro.psu.edu>, Patrick Broos
<patb@astro.psu.edu> wrote:

```
> I was wondering if it's common knowlege that one can put an IDL
> assignment inside
> a boolean expression (like in the C language). For example
>
> if (v = 0) then ... assigns v and does not execute the "then"
> statement, while
> if (v = 1) then ... assigns v and does execute the then.
>
> Just as in C I find this leads to really nasty bugs.
>
>
> --
> =====
> Patrick S. Broos, Systems Analyst/Programmer patb@astro.psu.edu
>
> Department of Astronomy and Astrophysics My office 814-863-7947
> Penn State University
> 525 Davey Lab FAX 814-863-8686
> University Park, PA 16802-6305
> http://www.astro.psu.edu Group office 863-9550
> =====
>
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```

The analogy with C only goes so far, it seems.

The following generates a syntax error:

```
x = 0
while ((x = x+1) lt 10) do print, x
```

whereas,

```
x = 10.0
while (x = x - 1.0) do print, x
```

produces:

```
9.00000
```

8.00000
7.00000
6.00000
5.00000
4.00000
3.00000
2.00000
1.00000

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Jeffrey Jones
Raytheon ITSS
Code 975
NASA/Goddard Space Flight Center
Greenbelt, MD 20771 USA

office: Bldg 33, Rm A428
phone: 301.614.5721
email: jeffrey.a.jones.1@gsfc.nasa.gov

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Jeff

jajvj@erols.com
