

Re: Something that really annoys me in Delphi ...

Source: <http://coding.derkeiler.com/Archive/Delphi/comp.lang.pascal.delphi.misc/2004-01/0221.html>

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Date: 01/07/04

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Maarten Wiltink wrote:

- > ... *enforcing the invalidity of calling Succ(High(.)) requires a*
- > *range check, and due to technical limitations this means having range*
- > *checking enabled globally.*

Well, you could just enable range checking locally. Something like this:

```
{ $R+ }  
NextVal := Succ(CurrentVal);  
{ $R- }
```

There are known bugs regarding range checking and overflow checking with the compiler-magic functions like Inc and Succ, though. As I recall, they don't generate errors quite as consistently as conventional arithmetic operations do.

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Rob