
Subject: Re: How to change the increment of FOR loop?

Posted by [Hu](#) on Wed, 11 Mar 2009 21:42:40 GMT

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On Mar 11, 4:24 pm, FÖLDY Lajos <fo...@rmki.kfki.hu> wrote:

> On Wed, 11 Mar 2009, Hu wrote:

>> Hi, there

>> I got a question relating to the variational increment of FOR

>> Statement. I used the code like this:

>> ;; begin

>> increment =20

>> FOR j = 0, N-1, increment DO BEGIN

>> IF a gt 0 THEN BEGIN

>> ;.....

>> increment=10

>> ENDIF ELSE BEGIN

>> ;.....

>> increment=12

>> ENDELSE

>> ENDFOR

>> ;; end

>

>> But the increment have not changed according to IF... ELSE ...

>> statement..

>> What I want is to change the increment according to different

>> conditions. that is, if variable a is greater than 0, the increment of

>> the FOR loop will be 10 , not its default value 20.....

>

>> Is there any solution to this problem?

>

> increment is evaluated only once, before the loop starts (and it is copied

> to a temporary variable you can not reach). You have to create a loop

> manually:

>

> j=0

> increment=20

> while 1 do begin

>

> IF a gt 0 THEN BEGIN

> ;.....

> increment=10

> ENDIF ELSE BEGIN

> ;.....

> increment=12

> ENDELSE

>

> j=j+increment

> if j ge n then break

```
>  
> endwhile  
>  
> regards,  
> lajos
```

thank you very much
wishes
