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Subject: Array is empty after for loop

Posted by [Dete van Eeden](#) on Mon, 20 Jul 2015 09:25:35 GMT

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Hallo

I have an array profile=fltarr(500,6)

I read values into this array in a for loop

for k=0,5 do begin

    for i=0,499 do begin

        profile(i,k) = .....

    endfor

endfor

while I'm in the loop, there are values in the array profile but as soon as I exit the loop the whole array is empty?

How can this be?

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Subject: Re: Array is empty after for loop

Posted by [a146397258](#) on Mon, 20 Jul 2015 18:40:07 GMT

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On Monday, July 20, 2015 at 3:25:38 AM UTC-6, Dete van Eeden wrote:

> Hallo

>

> I have an array profile=fltarr(500,6)

>

> I read values into this array in a for loop

>

> for k=0,5 do begin

>

>   for i=0,499 do begin

>

>     profile(i,k) = .....

>

>   endfor

>

> endfor

>

> while I'm in the loop, there are values in the array profile but as soon as I exit the loop the whole

array is empty?

>

> How can this be?

It runs fine for me. So the error must be in the part of the loop that you omitted.

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Subject: Re: Array is empty after for loop

Posted by [Phillip Bitzer](#) on Tue, 21 Jul 2015 14:56:31 GMT

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On Monday, July 20, 2015 at 4:25:38 AM UTC-5, Dete van Eeden wrote:

> Hallo

>

> I have an array profile=fltarr(500,6)

>

> I read values into this array in a for loop

>

> for k=0,5 do begin

> for i=0,499 do begin

> profile[i,k] = i\*k ;square brackets for array indexing

> endfor

> endfor

>

> help, profile

>

> while Im in the loop, there are values in the array profile but as soon as I exit the loop the whole array is empty?

>

What do you mean the array is empty? Is it not defined? Full of zeros? Listlessly wandering through life?

I have modified your code slightly above. What is the result?

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Subject: Re: Array is empty after for loop

Posted by [Paul Van Delst\[1\]](#) on Wed, 22 Jul 2015 15:59:16 GMT

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On 07/21/15 10:56, Phillip Bitzer wrote:

>

> What do you mean the array is empty? Is it not defined? Full of

> zeros? Listlessly wandering through life?

"Listlessly wandering through life?"

Ha ha ha!! (He says as he cleans up the coffee that came shooting out of his nose!)

Gosh I needed that.

cheers,

paulv

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