Subject: Storing values in array after each iteration in for loop
Posted by kcs4315 on Wed, 24 Jun 2015 22:44:48 GMT

Hi,

I'm very new to IDL....

Essentially what I want to do is after each iteration of a for loop, store the value it produces in an array. I originally tried making the array in the for loop but it was over written every time it went through an iteration, so only the last value was stored and everything else was 0. Is there an easy way to remedy this?

Subject: Re: Storing values in array after each iteration in for loop
Posted by Michael Galloy on Thu, 25 Jun 2015 03:41:45 GMT

On 6/24/15 4:44 PM, kcs4315@g.rit.edu wrote:
> Hi,
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> store the value it produces in an array. I originally tried making
> the array in the for loop but it was over written every time it went
> through an iteration, so only the last value was stored and
> everything else was 0. Is there an easy way to remedy this?

I imagine it would be something like:

```
x = fltarr(n)
for i = 0L, n - 1L do begin
  x[i] =   ; whatever processing you want to do here
endfor
```

Mike
--
Michael Galloy
www.michaelgalloy.com
Modern IDL: A Guide to IDL Programming (http://modernidl.idldev.com)

Subject: Re: Storing values in array after each iteration in for loop
Posted by Jeremy Bailin on Sat, 27 Jun 2015 16:58:53 GMT

On Wednesday, June 24, 2015 at 11:41:50 PM UTC-4, Michael Galloy wrote:
> On 6/24/15 4:44 PM, kcs4315@g.rit.edu wrote:
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> Michael Galloy
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It's also worth noting that, depending on what exactly you're doing inside the for loop, you may be able to operate on full arrays at once instead of using a for loop. :)

-Jeremy.