
Subject: Filling array in loop

Posted by [Alexa](#) on Mon, 18 Jul 2011 18:06:34 GMT

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Hi All,

I'm trying to write a routine that loops through folders, grabs data from each folder, and makes one large array out of all the information. This is what I'm currently trying,

```
;;Open file with list of metallicities and put into an array
ReadCol, "MetalsList.txt", Metal, Format='a'
print, Metal
```

```
;;Create temporary arrays for the transitions
Result=FLTARR(41, 25)
```

```
;;Open the metals folders in order to read in col.txt
```

```
for nt=0, N_ELEMENTS(Metal)-1 do begin
  cd, Metal[nt]
  print, Metal[nt]
  ;;Read in column densities
  ReadCol, 'Result.cd', U, result, Format='a'

  cd, '..'

  ;Fill arrays

  Result(nt)=[U, result]
  print, Result
endfor
```

But instead of one large array, I get a smaller array for each folder.
Any suggestions on how I can fix this?
