Subject: Looping through arrays
Posted by Ben on Sat, 21 Jan 2017 18:05:22 GMT

I work with defocused stellar images and use IDL to do the photometry. This is a great platform without which I don't think I could have done anything.

But, I am self taught and have tended to just do what works and move on. Now, going back through through my code, I want to become a better person and clean up some of the Fortran-like inclusions.

For example, over a night's observations I might have 50 sets, 5 images each of the same target and I loop through them like this:

```
index = 0
For m = 0, n_groups-1 do begin
For k = 0, n_imagespergroup-1 do begin
  image[*,*,k] = readfits(Files(index,hdr,/silent)
  index += 1
endfor ;k

;(do some stuff on this group of images}

endfor ;m (go on to the next group)
```

I'm wondering if there would be a more IDL-like way to accomplish the same thing. Does anyone have any ideas?