
Subject: Re: How to work with scripts?

Posted by [Markus Schmassmann](#) on Mon, 05 Dec 2016 10:38:49 GMT

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On 12/02/2016 09:26 PM, Edson Filho wrote:

```
> Hey guys, I got a program that it ends up a little bit to big, so
> I'm trying in many ways to make it smaller, and now I'm trying to learn how
> to use scripts, for exemple, I have this:
>
> nt = 112 ; Time 1 (mys)
> nt2 = 81 ; Time 2 (mys)
> T=(dindgen(nt)*0.1+1.); Mys
> T2=(dindgen(nt2)+20);Mys
> time=[T,T2] ; vector time
>
> n=300000
> R=6.*randomu(Seed,n, /Normal) + 8.
>
> K= where(R gt 0.5 and R lt 18.5, count)
> Np = count
>
> P=fltarr(nt+nt2,Np)
> P[0,]=R[K]
>
> Here is my period distribution, as I was wondering if I could put this as a script, just like
>
> @Period
>
> And Period.pro would be:
> nt = 112
> nt2 = 81
> n=300000
> R=6.*randomu(Seed,n, /Normal) + 8.
>
> K= where(R gt 0.5 and R lt 18.5, count)
> Np = count
>
> P=fltarr(nt+nt2,Np)
> P[0,]=R[K]
>
> Would that return all the variables to the program or I need to call them?
> At this one, I need to return P and Np, is there somehow I do it?
if you use a script, it behaves as if you had cut-and-past it to the
command line.
So, no need to to return anything.
```

for more details see e.g.

http://homepages.see.leeds.ac.uk/~lecjm/Teaching/IDL_course/Notes/notes/node25.html

Using scripts is rarely a good idea, but i hope my comment & link help anyway, Markus
