
Subject: Re: Breaking a large program file
Posted by [Phillip Bitzer](#) on Thu, 24 Sep 2015 18:18:52 GMT
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On Thursday, September 24, 2015 at 6:39:35 AM UTC-5, Parij wrote:

> Hello,
>
> I am using a very large program file which takes 15 min to complete one run. The final part is
generating contours globally out of data from mathematical calculations (first part).
>
> Can anyone help me on how to separate those two parts, so that I can store and use the data
from mathematical part to analyse lots of graphical details later. It will save lots of time.
>
> Regards,

A common problem for scientific programmers:

- 1) Analyze/parse a bunch of data
- 2) Plot said analysis

When I need to do this, I typically take the output from 1) and put into a SAVE file. That way, I can
work on the plotting, separate from the analysis.

You could dump the analysis in some other intermediary file (ASCII, binary, etc) but I find the
SAVE/RESTORE capabilities to *very* useful and simple.
