
Subject: Problem with variables in memory

Posted by [Jeff\[2\]](#) on Fri, 20 Apr 2012 18:02:14 GMT

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I have a problem with variables in memory (I guess)... sorry, it's a beginner question.

I'm using the "envi_get_slice" to extract slice profiles from a hyperspectral image with 270 bands.

For exemple, in order to get the spectral slice of the 10th line and the 5th column I use:

```
spectral_profile = envi_get_slice(fid=fid, pos=indgen(273), line=10,
xe=5, xs=5)
```

Although it takes some time (there are 270 bands!), it works fine. However, if I run again the code without changing the x and y (line and column) the extraction is very very quick!

I tried to use ".reset_session" before running the second time, but it doesn't work. As I am studying the speed of this extraction process I need to measure the real time.

Does anyone has any tips to reset variables without leaving IDL?

Thanks
