
Subject: lunch envi function in 'batch mode'

Posted by [S.Cogliati](#) on Thu, 17 Nov 2005 09:55:56 GMT

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Hi, I'm developing an Idl application that utilize an Envi function (Envi_compute_sun_angles) so I lunch envi in batch mode in this way:

```
;start ENVI batch_mode
  OpenW, batch_lun, 'batch_log_from_ENVI.txt', /Get_LUN
  ENVI, /restore_base_save_files
  ENVI_INIT, /batch_mode, batch_unit=batch_lun
  free_lun, batch_lun

;compute the elevation angle
  elev=ENVI_COMPUTE_SUN_ANGLES (Day, Month, Year, GMTtime, Lat, Lon)
```

I'm sure that when I compile the project the Envi routines are loaded, but the first time that I run the code Idl stops at the Envi function call instruction and send me this error message:

```
% XMANAGER: Caught unexpected error from client application. Message follows...
```

```
% Variable is undefined: ENVI_COMPUTE_SUN_ANGLES.
```

```
% Execution halted at: RHO_PANEL      47
```

```
C:\OO_import_v20.0mod\rho_panel.pro
```

```
%          COMPUTE_STAT2      50
```

```
C:\OO_import_v20.0mod\compute_stat2.pro
```

```
%          XMANAGER_EVLOOP_STANDARD 478
```

```
C:\RS\IDL61\lib\xmanager.pro
```

```
%          XMANAGER      708
```

```
C:\RS\IDL61\lib\xmanager.pro
```

```
%          GUI_PRO      27
```

```
C:\OO_import_v20.0mod\gui.pro
```

```
%          $MAIN$
```

After the first time that Idl stops there code runs correctly.

Regards, S.Cogliati
