
Subject: ENVI_INIT_TILE tiling problem

Posted by [a.l.j.ford](#) on Sat, 14 Mar 2009 13:10:29 GMT

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I'm using interpolation to fill some holes in elevation data. Because of memory limitations I'm trying Envi's tiling capability for the first time! My code compiles OK, but when I run it (I have it embedded in an Envi User Function) I get this error in my IDL window:

```
% Variable is undefined: F_NS.
```

```
% Execution halted at: ENVI_INIT_TILE
```

Here is the offending section of code. I have no idea where F_NS is (I'd understand if it was simply NS, i.e. number of samples) and despite searching I cannot deduce what is wrong or how to fix it. Does anyone have any ideas?? BTW, the elevation data has a single band and my_pos is set to [0].

```
tile_id=ENVI_INIT_TILE(output_DSM, my_pos)
```

```
FOR i=0, num_tiles-1 DO BEGIN
```

```
tile_data_interp=ENVI_GET_TILE(tile_id, i)
```

```
;Processing within Tiling
```

```
tile_data_interp = REPLICATE(0.0, dims[2], dims[4])
```

```
tile_data_interp = TRI_SURF(output_DSM, /REGULAR, XGRID=[1, 1],  
YGRID=[1, 1], NX=dims[2], NY=dims[4])
```

```
; Close Tiling
```

```
ENDFOR
```

```
ENVI_TILE_DONE, tile_id
```
