
Subject: Re: an envi question- extracting the pixel values of several points with lat-lon values

Posted by [Jeff N.](#) on Tue, 31 Oct 2006 20:15:42 GMT

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Ed Hyer wrote:

> Jeff,

>

> This problem should be ridiculously easy to solve in ENVI, but when I
> had to solve it, I had to do it the hard way. At bottom, the text of
> ENVI_POINT_PRO.PRO, which is a mini-library of routines for solving
> your point extraction problem.

>

Holy cow!! That's a lot of code! This works for me, if i understand the original poster's problem correctly:

pro junk

```
;open bhtmref.img that comes with ENVI.
```

```
fname = 'C:\Program Files\RSI\IDL62\products\ENVI42\data\bhtmref.img'
```

```
envi_open_file, fname, r_fid = fid
```

```
;use pixel locator to find map coords for pixel
```

```
;at file coords 242,195 (picked at random).
```

```
;They are:
```

```
e = 282015.00
```

```
n = 4901085.00
```

```
envi_convert_file_coordinates, fid, xf, yf, e, n
```

```
print, xf+1, yf+1 ;should print 242, 195
```

end

Here's the output:

Compiled module: JUNK.

ENVI> junk

```
242.00000 195.00000
```

Seems about right to me :)

Jeff
