
Subject: Re: Newbie needs help...

Posted by [Bruce Bowler](#) on Thu, 11 Jan 2001 13:29:36 GMT

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David Fanning wrote:

>
> Bruce Bowler (bbowler@bigelow.org) writes:
>
>> I'm willing to try this "thinking outside the box" thing for a while,
>> but I can't see the box.
>
> There is no box. (But see more on spiritual development, below.)

Then what did I trip over last night on my way to the
toilreading room?

Fortunately, I think I landed on the outside, and I didn't hurt
myself...

As I hit the ground, I realized that displaying the data and extracting
the data value at some lat/lon are 2 entirely different processes. I
can use Liam's image_map to display it and came up with clever (but as
yet untested) way to extract the data.

Given a target lat/lon and BHA_{lat} and BHA_{lon}, how about (in pseudo-code)

```
possiblelats = where(BHAlat eq lat{+/- some epsilon})  
possiblelons = where(BHAlon eq lon{+/- some epsilon})  
possiblevalues = intersection(possiblelats,possiblelons)
```

```
if number of possiblevalues is between 1 and 10, printout the data  
otherwise adjust epsilon either up or down and try again.
```

Does that sound like it ought to work (and in some time less than a
glacial epoch) ?

Bruce
