
Subject: Re: plot,lat,lon

Posted by [Vince Hradil](#) on Sat, 19 Jul 2008 21:21:58 GMT

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On Jul 19, 12:18 pm, d.po...@gmail.com wrote:

> On 19 Jul., 06:24, Vince Hradil <hrad...@yahoo.com> wrote:

>

>

>

>> On Jul 19, 7:19 am, d.po...@gmail.com wrote:

>

>>> On 19 Jul., 03:20, Spon <christoph.b...@gmail.com> wrote:

>

>>>> On Jul 19, 10:58 am, d.po...@gmail.com wrote:

>

>>>> > Folks

>

>>>> > I want to plot lat, lon in plot (actually it is rivers coordinates)

>>>> > when I put them in *plot* ends of the branches are connected to

>>>> > beginning of another branch (I want each branch be separate). Does

>>>> > anybody know how to fix it?

>>>> > Any help?

>

>>>> > Cheers

>

>>>> Is this what you mean?

>

>>>> Plot, [0,1], /NoData, XRange=[MinLon, MaxLon], YRange=[MinLat, MaxLat]

>>>> OPlot, *Each river separately*

>

>>>> Chris

>

>>> no for example if you plot this two column:

>

>>> 531607,8642 3406573,946

>>> 530567,965 3401814,358

>>> 531187,9049 3401014,427

>>> 531187,9049 3401014,427

>>> 530567,965 3401814,358

>>> 529428,0755 3400194,498

>>> 528728,1434 3399374,569

>>> 528728,1434 3399374,569

>>> 528268,188 3399074,595

>>> 526928,3179 3398014,687

>>> 533027,7265 3392115,198

>>> 533027,7265 3392115,198

>>> 534247,6082 3390675,322

>>> 534247,6082 3390675,322

```

>>> 526928,3179    3398014,687
>>> 524808,5234    3397194,758
>>> 524168,5855    3396354,831
>>> 524528,5506    3396054,857
>>> 525248,4808    3395334,919
>>> 527988,2151    3391255,272
>>> 530427,9786    3389015,466
>>> 531467,8777    3387595,589
>>> 532367,7905    3387475,599
>>> 532367,7905    3387475,599
>>> 536227,4162    3383855,913
>>> 536227,4162    3383855,913
>>> 531467,8777    3387595,589
>>> 530427,9786    3389015,466
>>> 527988,2151    3391255,272
>>> 525248,4808    3395334,919
>>> 524528,5506    3396054,857
>>> 524168,5855    3396354,831
>>> 524168,5855    3396354,831
>>> 524808,5234    3397194,758
>>> 522408,7561    3400314,488
>>> 521888,8065    3400734,452
>>> 521888,8065    3400734,452
>>> 521768,8181    3401214,41
>>> 521768,8181    3401214,41
>>> 521248,8686    3402414,306
>>> 520808,9112    3402694,282
>>> 520808,9112    3402694,282
>>> 521248,8686    3402414,306
>>> 522408,7561    3400314,488
>>> 528268,188     3399074,595
>>> 529428,0755    3400194,498
>

```

>>> you will see this problem arises.

>>> Cheers

>>> Dave

>

>> Your going to need to tell IDL when the rivers end and begin. The

>> program has no way of knowing. Then use Chris's suggestion.- Zitierten Text ausblenden -

>

>> - Zitierten Text anzeigen -

>

> Yes!!!! for each river I have an ID:

>

```

> x          y          ID
> 531607,8642 3406573,946 3518
> 530567,965  3401814,358 460664
> 531187,9049 3401014,427 537535

```

```
> 531187,9049    3401014,427    537535
> 530567,965     3401814,358    460664
> 529428,0755    3400194,498    616208
> 528728,1434    3399374,569    694934
> 528728,1434    3399374,569    694934
> 528268,188     3399074,595    723726
> 526928,3179    3398014,687    825472
> 533027,7265    3392115,198    1392472
> 533027,7265    3392115,198    1392472
> 534247,6082    3390675,322    1530845
> 534247,6082    3390675,322    1530845
```

>

```
> As you can see some lat-lon has just 1 ID (just one point shows that
> river) some has 2 or 3 or more how I can classify and impose idl to
> just connect this points together?
> Any help?
> Cheers
```

```
1 - get all the unique IDs (see UNIQ())
2 - use WHERE() to get the indices
3 - use Chris's PLOT/OPLOT method.
```
