On Dec 7, 10:13 pm, David Fanning <n...@dfanning.com> wrote:
> Jeremy Bailin writes:
>> Russell's code certainly works perfectly well on the data you provided.
>
> You may have to consider the unthinkable: a problem with
> your own code! ;-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Ok. I've found the problem.It is because of the loops etc.. i have
used previously. I've fixed it and now Russell's code works fine for
my case. The only problem I have now is that:
I have certain number of desired depth values which I assign as :
depth2=indgen(310)*5+5
temp2=interpol(t,p,depth2)
sal2=interpol(s,p,depth2)
potemp2=interpol(q,p,depth2)
den2=interpol(d,p,depth2)
and temp2,sal2,potemp2,den2 are the values corresponding to these
depths. I should have a depth range of 5 to 1550(or 1540)m but in some
data ,I only have depths up to 100m or 300 in some other. So i have
done this instead:

step=(fix(max(p))-fix(min(p)))/5
depth2=indgen(step)*5+5
temp2=interpol(t,p,depth2)
sal2=interpol(s,p,depth2)
potemp2=interpol(q,p,depth2)
den2=interpol(d,p,depth2)
because of fix I lose 1 or 2 data points. But it is not so important
for my case. Thank you all for helping out.
Regards,
ANIL