"Liam E. Gumley" wrote:
>
> Guillaume Dargaud wrote:
> [stuff deleted]
>>  Anyway, the other thing I don't like in IDL are graphics. Try to do a
>>  surface plots in less than... 40 lines. In most graphic packages it takes
>>  one line !
>
> Here's an example from "Practical IDL Programming" (p. 271). For
> demonstration purposes, let's create a 2D sinc function defined over the
> range -10 to 10 in x and y:
>
> v = findgen(41) * 0.5 - 10.0
> x = rebin(v, 41, 41, /sample)
> y = rebin(reform(v, 1, 41), 41, 41, /sample)
> r = sqrt(x^2 + y^2) + 1.0e-6
> z = sin(r) / r
>
> To plot the data as a mesh surface:
>
> surface, z, x, y
>
> To plot the data as a shaded surface:
>
> shade_surf, z, x, y
>
> Therefore IDL is perfectly capable of plotting a surface in one line.
>
> Cheers,
> Liam.
> Practical IDL Programming
> http://www.gumley.com/

I think , Software like Maple,..., is doing it much easier, for example:

plot3d(sin((x^2+y^2))/(x^2+y^2)),x=-10..10,y=-10..10);


But I would like to know something else:
Can anybody tel me , where I can find comparisons between PV-WAVE and
IDL especially the newest versions and may-be between those ane Matlab?
I think all three are very expansive.

Mit freundlichen Grï¿½ï¿½en

Heike Koch-Beuttenmï¿½ller

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