

---

Subject: Re: help with future application

Posted by [Phillip David](#) on Wed, 26 Jul 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Peter;

In fact, if the primary thing you're looking to do is to code up a GUI, you might want to check out TCL (Tool Command Language). It's a powerful language if that's all you're trying to do. I haven't used it myself, but know of a number of successful projects that use this approach, and can work quickly to get the GUI up and running.

Phillip

Peter Brooker wrote:

>  
> We are presently considering how to handle simulation requirements for  
> future technologies. (Present technologies are handled well by  
> commercial codes). As such, we have access to various internal and  
> university codes of which we have the source code. These codes are in  
> C and FORTRAN. The problem is that we have to link these codes together  
> and add GUIs to every thing to make them more user friendly. Also, once  
> a new model appears in the literature, we want to code this up as fast  
> as possible to try this out.  
>  
> I see that IDL could be used to do this. For example, IDL could handle  
> all the input and output with GUIs as well as using CALL\_EXTERNAL to  
> execute subroutine forms of all the codes. If IDL is used, then new  
> models could be programmed up very quickly.  
>  
> The question is though, Is IDL the best choice for this linking  
> application? What about MATLAB? How do the Numerics of matrix inversion  
> of MATLAB compare to IDL?  
>  
> thanks-Peter Brooker

---