
Subject: Re: IDL, PV-Wave, Matlab, Khoros
Posted by [thompson](#) on Tue, 19 Jan 1993 21:49:00 GMT
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In article <1993Jan19.175815.8722@iscnvx.lmsc.lockheed.com>, kevin@dipl.rdd.lmsc.lockheed.com writes...

> alan@elroy.Jpl.Nasa.Gov (Alan S. Mazer) writes:

>

>> Can someone tell me how these packages might compare in an image analysis
>> environment? What I really need is a nice front end that can do plots and
>> simple image manipulation and interface easily with a lot of custom C code.

>

> I don't know about IDL or Khoros, but:

>

> PV Wave is primarily a graphics package that has math functions
> on the side.

IDL and PV Wave are very similar products having a common ancestor (an older version of IDL). The above description could apply equally well to IDL.

> Matlab is primarily a math package (or more precisely a matrix math
> package) that has graphics functions on the side.

>

> Not suprisingly, Wave is better at graphics and Matlab is better at
> math. Both packages have C interfaces, but the C interface to matlab
> is easier than the one to Wave

I don't know about PV-Wave, but IDL's C interface is *very* easy to use, IMHO.
I think that this feature is one of those that is *not* identical between the
two packages, but can't be positive.

Bill Thompson
