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Subject: Is IDL/PVWAVE suitable as a image processing tool?

Posted by [terjelm](#) on Wed, 17 Nov 1993 09:48:06 GMT

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Hello

We are just about to start working on a program that need to process and display images in a Motif environment.

Among the functions we need are these:

- o Load and display an image.
- o Add an overlay (land contours)
- o Add a lat-long grid.
- o Do pan/zoom
- o Do LUT manipulation
- o Map pixel/point information to physical values.

This should preferably run on several Unix platforms.

How suitable is IDL (or PVWAVE) as an image processing package to be used in a big program?

We would also like to know if it is possible to call IDL directly from a C-program, or if some other techniques are needed, like starting IDL in the background and control it through a pipe.

We would appreciate any help

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