
Subject: Third Alternative - IMSL/IDL

Posted by [hari](#) on Thu, 19 Mar 1992 16:13:35 GMT

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In article <RFINCH.92Mar13134054@venice.water.ca.gov>, rfinch@water.ca.gov (Ralph Finch) writes:

- > Here is something interesting I just found out; RSI (makers of IDL) is
- > offering an inexpensive way of moving from Wave to IDL. Advantages
- > (according to RSI) are much cheaper yearly maintenance as well as
- > extra features Wave doesn't have (widget set, built-in statistics,
- > maps, dynamic linking, etc.)

Let me just note that there is a third alternative. IMSL and RSI have jointly developed a product called IMSL/IDL. Basically we have given IDL mathematical capabilities by integrating IMSL's C/Math/Library into IDL. This is a seamless integration. In other words, the new functions are used just like any other IDL command. No re-linking or calling external programs is required.

The areas covered in IMSL/IDL include interpolation, quadrature, differential equations, multi-dimensional FFTs, nonlinear equations, optimization, linear systems, eigensystem analysis, special functions, statistics, etc.

You can reach IMSL at (713) 242-6776.

Disclaimer: Yes, I'm an IMSL employee.

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Doug Andersen
hari@Sugar.NeoSoft.com
