
Subject: Re: IDL versus MATLAB : could you help me ?????

Posted by [Richard Tyc](#) on Tue, 27 Nov 2001 15:19:58 GMT

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Well, I have worked a bit with MatLab. Not being a an expert in either, here are my two bits:

1. I don't believe Matlab has anything like object graphics in IDL. I would consider this to be a major weakness of Matlab.
2. It does not take advantage of multiple CPU's. Before IDL 5.5, the Volume object had the ability to use multiple CPU's to perform volume rendering. Now in 5.5, IDL is multi-threaded taking further advantage of it.
3. Matlab has excellent C/C++ functionality. In fact, you can convert your Matlab code into C and distribute it as a C program (with Matlab libraries bundled in) if you wish (ie. no runtime license needed for others to try your code) - something which IDL cannot do.
4. If you're into medical imaging, the new Watsyn product from RSI maybe something of great interest leaning you toward IDL. I will be looking closely at this myself.

Rich

Christophe Dornier <christophe.dornier@dim.hcuge.ch> wrote in message news:3c0226d8@news.unige.ch...

- > I work in a Digital Imaging Unit,
- > and a future orientation of this group will be to develop algorithms of
- > image processing.
- >
- > We have the choice between two softwares which are IDL (RSI) or MATLAB
- > (MathWorks).
- > What are the advantages or inconvenients of these softwares.
- > What soft is the most cheaper ?
- > Is it much easier to develop in Matlab or not ?
- > On which soft is there available the most external libraries ?
- >
- > Thanks in advance
- > best regards
- >
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- > --
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