
Subject: IDL vs JAVA/JAI

Posted by [scjohnson](#) on Tue, 23 Dec 2003 15:00:15 GMT

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Hello all,

Perhaps a bit sacriligious for this audience, but I was curious if anyone here has any experience with the relationship between IDL and JAI (Java Advanced Imaging) capability. I have only recently started working with IDL and have some experience with JAVA so I was looking into the IDL/JAVA bridge (especially so I could use JDBC for access to my SQL database). Along the way I found the following documents about Java's Advanced Imaging utilities that reproduce much of the functionality I'm looking for in IDL.

Java's own web site:

<http://java.sun.com/products/java-media/jai/>

The UK based starlink project that uses JAI for some of its imaging:

<http://star-www.rl.ac.uk/>

What looks like a nice introductory book on using JAI:

http://www.awprofessional.com/catalog/product.asp?product_id={7095C126-21A5-4094-A931-551CA6D5F38D}&session_id={CDE088A3-139A-4348-A478-B1177BC8CCAC}

Does anyone have any experience with this set of packages? If the capability is the same, I'm apt to choose JAI since it limits the number of languages in my project and keeps me to a real object-oriented framework. However, I worry it doesn't include some of the functionality I may need and I have no experience with the library -- can it be as good as it sounds?

[Oh, and my project deals primarily with large images that are warped, added and divided, selected with an ROI, etc. I'd like the interface to be nice for the users.]

Any insight is greatly appreciated.

Best wishes,

stephen
