
Subject: Re: Question about use?

Posted by [David Foster](#) on Thu, 06 Jun 1996 07:00:00 GMT

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Corey Leopold <corey@aries.uthscsa.edu> wrote:

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> We are looking for a way to take a stereographic photo of an injury as it
> heals. What we want to do is to develop a 3d representation of the
> injury and determine the volume of the wound. Would idl be a good
> development platform for this kind of application, and how would one go
> about doing this.

We use IDL for the analysis of brain structure using MR imaging, which is similar, so yes, I think IDL would be very well suited for your purposes. It is used extensively in medical imaging, for MR, SPECT, PET, etc..

I can't help but wonder if you would get good results from having a MR (magnetic resonance) scan of the injury, as a series of images thru the region at resolution down to 1mm, and then treat the series of images as a volume. Just a thought.

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