Subject: Re: Connected component analysis
Posted by Dave Brennan on Thu, 09 Nov 2000 08:00:00 GMT
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Hi Jason,

Thanks for the info Jason. Sometimes I can't see the wood for the trees and that is where the newsgroup comes to the rescue!

After looking through the IDL documentation, somehow I managed to miss LABEL_REGION. This is exactly what I am looking for. I have already binarised the data by this point so the function does what I need.

However, the new routine you mention does sound interesting and so I will have a look at it.

Thanks for the info.

Cheers

Dave Brennan

"Jason P. Meyers" wrote:

> Dave,
>
>   This sounds like a 3-D extension of a problem we discussed in our
> graduate DIP class. One of our homework problems involved discussing an
> algorithm to do a 2-D analogy of what you are asking. Our professor,
> Dr. Rhody, has a rather extensive website which includes most of our
> class notes on the subject. His library of routines also has a program
> called HR_LABEL_REGION which is an improved version of IDL's
> LABEL_REGION routine which only works on binary images.
>
> You can check out the website at: http://www.cis.rit.edu/class/simg782/
>
> The textbook that we use in the class is Digital Image Processing, by
> Gonzalez and Wood, ISBN 0-201-50803-6. I don't know how useful it is
> for your problem because we have been relying mostly on the professor's
> class notes and only use the text as a reference from time to time.
>
> Please let me know if you think I might be able to help you further.
>
> Jason Meyers
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