
Subject: Re: Writing an efficient array operation in IDL
Posted by on Thu, 03 Feb 2011 13:45:29 GMT
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On Feb 3, 2:14 am, Rony K Varghese <ronykvargh...@gmail.com> wrote:

> Dear ALL,
>
> Suppose, I have to create an output array B filled with value 8 as
> follows, from the input 5x5 array A.
>
> A = 0 0 4 0 0
> 0 4 0 4 0
> 4 0 0 0 4
> 0 4 0 4 0
> 0 0 4 0 0
>
> B = 0 0 8 0 0
> 0 8 8 8 0
> 8 8 8 8 8
> 0 8 8 8 0
> 0 0 8 0 0
>
> The logic is to fill the whole region bounded by value 4 in the input
> array, with the value 8 in the output array.
> How i can do this efficiently in IDL, like using array operations?
> I need to apply for a large sized array.
> Thanks in advance..
>
> - Rony

Hi,

Check the IDL function LABEL_REGION, this should do it.
