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Subject: Writing an efficient array operation in IDL

Posted by [Rony K Varghese](#) on Thu, 03 Feb 2011 01:14:26 GMT

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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

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