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Subject: Re: How to get matching elements of array efficiently

Posted by [JDS](#) on Wed, 24 Feb 2010 22:26:22 GMT

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On Feb 23, 3:11 pm, JJ <j...@cornell.edu> wrote:

> Hi All,

>

> I'm looking for an efficient (non-loop) solution to this problem. I

> have two arrays A, B. The elements of A are not necessarily unique,

> nor is A necessarily sorted. I'd like to find all the indices in A

> that match values that occur in B.

>

> For example, if A = [7,1,8,7,8], B = [7,8], the result should be

> [0,2,3,4].

>

> A and B can have many (order millions) of unique values, so I'd rather

> avoid a loop if I can.

>

> Is there any way to do this efficiently?

[http://www.dfanning.com/tips/set\\_operations.html](http://www.dfanning.com/tips/set_operations.html)

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