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Subject: Optimization help

Posted by [Jonathan Greenberg](#) on Fri, 31 Mar 2006 01:23:30 GMT

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I was wondering if there are any tricks to speeding up the following database merging problem:

Say I have a 3 x 10000 array, and I want to find out the row # of the 10,000 rows matches (if any) an arbitrary 3 x 1 array. I can do this by cycling through each column one at a time and doing an intersection (e.g. Where(array[0] eq database[0,\*]) intersected with where(array[1] eq database[1,\*]) intersected with where(array[2] eq database[2,\*])

This seems like a pretty slow approach to doing this, so are there any tricks to making this run a lot faster? I'm talking about doing this for an image, so the overhead is going to be pretty significant if I can't do any matrix tricks and have to look up at pixel one at a time using the above method...

--j

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