Subject: Re: replace array's elemets
Posted by btt on Fri, 16 May 2003 16:00:52 GMT

Roberto wrote:
> Hi
> I have a 100x100 array.
> How can I replace an element if is different from 0?
> I would replace all elements different from 0 with 1.
> thank and sorry for the trouble.
>   Roberto

Hi Roberto,

You can use the WHERE function to get the indices of the elements that match your value (in your case 0). You do need to be a bit careful if your array is floating decimal type - in that case you must think about machine precision issues. Search on Google for more info about this.

indices = where(myArray EQ someValue, count)

if count NE 0 then myArray[indices] = 1

If you are new to IDL, I encourage you get one of the very good introductory manuals that are available. Your won't reget it.

Liam Gumley's   www.gumley.com
David Fanning's www.dfanning.com
Ronn Kling's www.rlkling.com

Cheers,
Ben