
Subject: Re: Top 10 IDL Requests

Posted by [Craig Markwardt](#) on Fri, 04 Aug 2000 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Alex Schuster <alex@pet.mpin-koeln.mpg.de> writes:

- > 5) The complement to WHERE() is great. Now I would like routines which
- > give me the intersection of two arrays, the union, and the difference.
- > These already exist (setintersection.pro etc.), but they were written by
- > somebody and are not part of the standard distribution.
- > I'd also like something like an IN operator: a IN b gives 1, if the
- > scalar a is in the array b.

I agree this would be nice notation. I have a function CMSET_OP on my web page which is more full-featured and robust than the RSI set functions: it has "union," "intersect," and "exclusive or," plus it works on string and float values. There was a big discussion a few months ago about these techniques, with JD Smith being a big contributor.

In my own personal version of CMSET_OP I have the capability to extract array indices rather than array values, which was a requested feature in the discussion. When the current crush of urgent work subsides, I will post that updated version (a few days).

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
