
Subject: Re: Search routines

Posted by [Liam Gumley](#) on Fri, 18 Sep 1998 07:00:00 GMT

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Kenneth P. Bowman wrote:

- > IDL has a pretty good SORT routine, but no SEARCH routine that I have been
- > able to find (that is, a procedure to find the index of the closest/first
- > match in an ordered list). Once again, this can be done with loops, but
- > such an implementation would almost certainly be much slower than a
- > built-in function. Since searching and sorting are such basic operations,
- > does anyone know why there is no SEARCH in IDL?

How about the MIN function, e.g.

```
array = findgen(100)
value = 37.2
result = min( abs( value - array ), location )
help, location
```

Cheers,
Liam.

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