
Subject: Re: How to find second minimum elements in an array in IDL?

Posted by [Brian Larsen](#) on Wed, 14 Jan 2009 15:38:16 GMT

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or something like,

```
IDL> X=[9,2,3,5,1,6,8,4,7]
IDL> ind1 = where(X eq min(X), comp=comp)
IDL> ind2 = where(x[comp] eq min(x[comp]))
IDL> print, x[ind1], x[ind2]
      1
      2
```

be VERY careful that ind2 is referring to the array x[comp] NOT the array x.

Or one could use sort to find the value:

```
IDL> xs=x[sort(x)]
IDL> xu=uniq(xs)
% Compiled module: UNIQ.
IDL> ind=where(xu eq 1)
IDL> print, xu[1]
      1
```

and there where to find the index of the value in x

Cheers,

Brian

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