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

Posted by [Michael Galloy](#) on Wed, 14 Jan 2009 15:53:15 GMT

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

On Jan 14, 8:26 am, Hu <jha...@gmail.com> wrote:

> Supposing that there is an array X=[9,2,3,5,1,6,8,4,7], how can I find
> the first and second minimums (in this array are elements 1 and 2) in
> this vector?

>

> I use this to find the first minimum (element 1):

>

> index = where(X eq min(X))

> minimum_first=X[index]

>

> But, how can i find the elements 2 ?

> thanks

For a general approach for finding the n smallest elements of an array
(using HISTOGRAM and REVERSE_INDICES!), try:

<http://michaelgalloy.com/2006/06/02/finding-the-n-smallest-elements-in-an-array.html>

Mike

--

www.michaelgalloy.com

Tech-X Corporation

Associate Research Scientist
