
Subject: Re: Array definition

Posted by [Bob\[3\]](#) on Wed, 08 Aug 2007 17:53:20 GMT

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On Aug 8, 1:38 pm, Conor <cmanc...@gmail.com> wrote:

> On Aug 8, 1:18 pm, Yaswant Pradhan <Yaswant.Prad...@gmail.com> wrote:

>> avoid FOR loop, use WHERE

>> indices = where(array GT value, n_wh)

>

> specifically:

>

> array_size = size(array1, /dimensions)

> array2 = fltarr(array_size)

> w = where(array1 gt value, c)

> if c gt 0 then array2[w] = array1[w]

w will be an array of the indices, sized to the number of elements of array1 gt value (given by c), which is what Melanie was looking for afaict.

array2 will be the same size as array1, but will have masked out any elements le value. (mask should be 0.0).
