Subject: Re: Array plotting and segmentation
Posted by Conor on Tue, 15 Apr 2008 14:05:45 GMT
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On Apr 14, 12:54 pm, Vince Hradil <hrad...@yahoo.com> wrote:
> On Apr 14, 11:47 am, Conor <cmanc...@gmail.com> wrote:
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>> On Apr 14, 10:57 am, Vince Hradil <hrad...@yahoo.com> wrote:
>
>>> On Apr 14, 9:16 am, moxam...@gmail.com wrote:
>
>>>> Dear All,
>
>>>> I have the following problem:
>
>>>> I have an array lets say A = [3,4,6,8,3,2,5,7,10,5,4]. As you can see,
>>>> in this array we have two peaks (8 and 10) and one gap (2). I want to
>>>> plot this array and draw a line on the gap element (which is in 2)
>>>> vertical on the x axes and parallel to the y axes. In other words, I
>>>> want to segment the the curve produced by plotting the array by
>>>> drawing a line on the gap element.
>
>>>> Any help will be appreciated.
>
>>>> Thank you very much in advance,
>
>>>> Dabboor
>
>>> Is this what you want:
>
>>> idx = (where(A eq min(A)))[0]
>>> plot, A
>>> plots, [idx,idx], !y.crange
>
>> The slightly quicker way to find the minimum is to just use the second
>> parameter to the min() function:
>
>> minval = min(A, idx)
>
> I always forget that - does it return the first index or an array of
> indexes?

Just the first, unless you use the dimension keyword.