
Subject: Re: search routine

Posted by [Paolo Grigis](#) on Fri, 01 Jun 2007 14:27:24 GMT

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Laurens wrote:

> Paolo Grigis wrote:

>>

>>

>> Laurens wrote:

>>> Hi folks,

>>>

>>> From Martin Schultz (posted in 1999) I found the following

>>> array-search algorithm which seems to do a fine job.

>>> Except that i'm not able to catch the first element in the array.

>>>

>>> Example:

>>>

>>> Array = [0,80,100,120,180,300]

>>> result = search, Array, 4.53

>>>

>>> It should return index 0, if I understand it correctly, but it

>>> returns 1 instead. Now I don't quite follow the logic of the

>>> function, so maybe someone for which it's easy to see can help me in

>>> the right direction?

>>

>> You could use the built-in function `value_locate` instead:

>>

>> `result=value_locate(array,4.53)`

>>

>> which returns 0.

>>

>> Ciao,

>> Paolo

>>

> though i'm noticing that it takes its ground number to be returned.

> If my array has [0,10,20,30] and i'm searching for 18, it will return

> 10. Now its just that would want to get 20 instead of 10 :)

well, in that case, just increase the index of the returned value by one (though you'd better check that it wasn't the *last* element...).

Ciao,

Paolo

>

> regards, Laurens
