
Subject: READ ARRAY and extract the values

Posted by [Tanvir Hussain](#) on Fri, 29 Apr 2016 21:49:57 GMT

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Hi All

I have a data which is organized in the following way

```
obj1 12.5
obj1 14.5
obj1 15.4
obj1 14.0
obj1 12.5
obj1 14.5
obj1 15.4
obj1 14.0
obj1 12.5
obj1 14.5
obj1 15.4
obj1 14.0
obj2 12.5
obj2 14.5
obj2 15.4
obj2 14.0
obj2 12.5
obj2 14.5
obj2 15.4
obj2 14.0
obj2 12.5
obj2 14.5
obj2 15.4
obj2 14.0
```

I want to extract all the values associated with obj1 and write them in a separate array. In a similar way for the obj2. Please help.

Thanks

Tanvir

Subject: Re: READ ARRAY and extract the values

Posted by [Sapna Mishra](#) on Sun, 01 May 2016 06:56:42 GMT

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```
readcol,"data.dat",obj,value
```

```
for i=0; n_elements(obj)-1 begin
if obj(i)='obj1'
```

```
forprint,obj(i),value(i),text='obj1.dat',F='(A,1x,F)'
else
forprint,obj(i),value(i),text='obj2.dat',F='(A,1x,F)'

endfor
```

Then you can store the value of files obj1.dat and obj2.dat in different array using readcol or openwr.

This may be the easiest way, else there might be so many other ways which others can help....

Thanks

Subject: Re: READ ARRAY and extract the values
Posted by [Sapna Mishra](#) on Sun, 01 May 2016 06:59:30 GMT
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On Saturday, April 30, 2016 at 3:19:59 AM UTC+5:30, Tanvir Hussain wrote:

> Hi All

>

> I have a data which is organized in the following way

>

> obj1 12.5

> obj1 14.5

> obj1 15.4

> obj1 14.0

> obj1 12.5

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> obj1 12.5

> obj1 14.5

> obj1 15.4

> obj1 14.0

> obj2 12.5

> obj2 14.5

> obj2 15.4

> obj2 14.0

> obj2 12.5

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> Thanks

> Tanvir

```
readcol,"data.dat",obj,value
```

```
for i=0; n_elements(obj)-1 do begin
```

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if obj(i)='obj1' then
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forprint,obj(i),value(i),text='obj1.dat',F='(A,1x,F)'
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```
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```

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forprint,obj(i),value(i),text='obj2.dat',F='(A,1x,F)'
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```
endfor
```

Then you can store the value of files obj1.dat and obj2.dat in different array using readcol or openwr.

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Thanks

Subject: Re: READ ARRAY and extract the values

Posted by [Sapna Mishra](#) on Sun, 01 May 2016 07:08:42 GMT

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On Saturday, April 30, 2016 at 3:19:59 AM UTC+5:30, Tanvir Hussain wrote:

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> obj1 14.5

> obj1 15.4

> obj1 14.0

> obj2 12.5

> obj2 14.5

> obj2 15.4

> obj2 14.0

> obj2 12.5

```
> obj2 14.5
> obj2 15.4
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```

> I want to extract all the values associated with obj1 and write them in a separate array. In a similar way for the obj2.

```
readcol,"data.dat",F=(A,1x,F),obj,value
```

```
for i=0; n_elements(obj)-1 do begin
if obj(i)='obj1' then
forprint,obj(i),value(i),text='obj1.dat',F=(A,1x,F)'
else
forprint,obj(i),value(i),text='obj2.dat',F=(A,1x,F)'

endfor
```

Then you can store the values of files obj1.dat and obj2.dat in different arrays using readcol or openwr.

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Regards,

Subject: Re: READ ARRAY and extract the values

Posted by [Sapna Mishra](#) on Sun, 01 May 2016 07:10:22 GMT

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On Saturday, April 30, 2016 at 3:19:59 AM UTC+5:30, Tanvir Hussain wrote:

```
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> obj1 14.0
> obj1 12.5
> obj1 14.5
```

```
> obj1 15.4
> obj1 14.0
> obj2 12.5
> obj2 14.5
> obj2 15.4
> obj2 14.0
> obj2 12.5
> obj2 14.5
> obj2 15.4
> obj2 14.0
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