
Subject: help with saving jpeg forms in loops
Posted by [g.nacarts](#) on Mon, 11 May 2015 17:38:22 GMT
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Hi

I have an Array=[120]. I wanted to store my images in a jpeg form so I typed the following code.

```
Array = ArrayNew(ArrayOLD, S, time)
for i=0L,Nt-1 do begin
images_JPEG, REFORM(Array[i,*,*]),('2,'+string(i,format='(i3.3)')+').jpe g')
endfor
```

Now I added one more loop which is looping over the trials. When I typed the following it's overwritten in each trial (I expected that).

```
for trial=1L, 3 do begin
Array = ArrayNew(ArrayOLD, S, time)
for i=0L,Nt-1 do begin
images_JPEG, REFORM(Array[i,*,*]),('2,'+string(i,format='(i3.3)')+').jpe g')
endfor
endfor
```

I tried few things but I couldn't manage to store my images in each trial (3 trials) for each time point (120).

Can anyone please help with that?

Subject: Re: help with saving jpeg forms in loops
Posted by [Helder Marchetto](#) on Tue, 12 May 2015 08:33:11 GMT
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On Monday, May 11, 2015 at 7:38:23 PM UTC+2, g.na...@gmail.com wrote:

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> endfor
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> I tried few things but I couldn't manage to store my images in each trial (3 trials) for each time
point (120).
>
> Can anyone please help with that?
```

Hi,
I don't know what images_JPEG is doing with the input file name. In your case, what appears to be a file name starts with a parenthesis "(". So I cannot say much, other than that if you want to have filename number and trial number in one string you could use this:

```
outputFileName = 'myOutputFile_trial_'+strtrim(trial,2)+'_number_'+strtrim(i, 2)+''.jpg'
```

You can improve the look of this using format in the string function...

But first you have to figure out what images_JPEG does with your input.

cheers,
Helder

Subject: Re: help with saving jpeg forms in loops
Posted by [g.nacarts](#) on Tue, 12 May 2015 16:17:29 GMT
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That was very helpful thank you very much.

I typed the following and I got the format I was looking for :)

```
images_JPEG, REFORM(Array[i,*,*]),('2,'+string(i,format='(i3.3)')+','+strtrim(iteration,2)+'').jpeg')
```
