## Subject: Re: IDL string trim
Posted by russell.grew on Sun, 06 Jul 2008 22:42:10 GMT
View Forum Message <> Reply to Message

This may not be the most elegant solution, but you can look at the
size of k and add an extra zero to the string manually.

eg for the variable 'tmp' being slotted into the filename,

if k lt 10. then tmp = '0' + strtrim(string(k), 2) else k =
strtrim(string(k), 2)

I shall sit here and wait to be shot down by a more elegant solution.

## Subject: Re: IDL string trim
Posted by russell.grew on Sun, 06 Jul 2008 22:44:22 GMT
View Forum Message <> Reply to Message

oop, mistake after the 'else'. Should be 'tmp', not 'k'. Also
spreading it over 2 lines now as google wrapped it up.

if k lt 10. then tmp = '0' + strtrim(string(k), 2) else $
    tmp = strtrim(string(k), 2)

## Subject: Re: IDL string trim
Posted by David Fanning on Sun, 06 Jul 2008 23:15:14 GMT
View Forum Message <> Reply to Message

RussellGrew writes:

> This may not be the most elegant solution, but you can look at the
> size of k and add an extra zero to the string manually.
>
> eg for the variable 'tmp' being slotted into the filename,
>
> if k lt 10. then tmp = '0' + strtrim(string(k), 2) else k =
> strtrim(string(k), 2)
>
> I shall sit here and wait to be shot down by a more elegant solution.

I think this might be the elegant solution you are looking for:

  strVal = String(k, Format='(i2.2)')

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---

## Subject: Re: IDL string trim
Posted by russell.grew on Mon, 07 Jul 2008 00:00:00 GMT
View Forum Message <> Reply to Message

And there it is!

I should really spend some time to understand format codes properly.

---

## Subject: Re: IDL string trim
Posted by mchinand on Mon, 07 Jul 2008 14:43:59 GMT
View Forum Message <> Reply to Message

In article <MPG.22daffe956a87f7598a3cb@news.frii.com>,
David Fanning  <news@dfanning.com> wrote:
> RussellGrew writes:
>
>>  This may not be the most elegant solution, but you can look at the
>>  size of k and add an extra zero to the string manually.
>>
>>  eg for the variable 'tmp' being slotted into the filename,
>>
>>  if k lt 10. then tmp = '0' + strtrim(string(k), 2) else k =
>>  strtrim(string(k), 2)
>>
>>  I shall sit here and wait to be shot down by a more elegant solution.
>
> I think this might be the elegant solution you are looking for:
>
>     strVal = String(k, Format='(i2.2)')
>
> Cheers,
>
> David

I usually use:

    String(k, format='(I02)')

---

which seems a little more intuitive (the zero indicating to zero-pad the string) but produces the same results as David's.

--Mike


--
Michael Chinander
m-chinander@uchicago.edu
Department of Radiology
University of Chicago

---

## Subject: Re: IDL string trim
Posted by raghuram on Wed, 09 Jul 2008 04:37:36 GMT

View Forum Message <> Reply to Message

On Jul 7, 7:43 am, mchin...@midway.uchicago.edu (Mike Chinander)
wrote:
> In article <MPG.22daffe956a87f7598a...@news.frii.com>,
> David Fanning  <n...@dfanning.com> wrote:
>
>
>
>
>
>> RussellGrew writes:
>
>>>  This may not be the most elegant solution, but you can look at the
>>>  size of k and add an extra zero to the string manually.
>
>>>  eg for the variable 'tmp' being slotted into the filename,
>
>>>  if k lt 10. then tmp = '0' + strtrim(string(k), 2) else k =
>>>  strtrim(string(k), 2)
>
>>>  I shall sit here and wait to be shot down by a more elegant solution.
>
>> I think this might be the elegant solution you are looking for:
>
>>    strVal = String(k, Format='(i2.2)')
>
>> Cheers,
>
>> David
>
> I usually use:

>
>     String(k, format='(I02)')
>
> which seems a little more intuitive (the zero indicating to zero-pad the string) but produces the same results as David's.
>
> --Mike
>
> --
> Michael Chinander
> m-chinan...@uchicago.edu
> Department of Radiology
> University of Chicago- Hide quoted text -
>
> - Show quoted text -

Hi all,

Thanks a lot. It works.

Raghu

---