## Subject: Re: Converting INT to STRING out of space... Posted by Craig Markwardt on Mon, 21 Mar 2005 15:56:24 GMT

View Forum Message <> Reply to Message Nuno Oliveira <nmoliveira@fc.ul.pt> writes: > If I want to save a file within a cicle and I want the name of > the file to have the number related to the cicle. I have a problem > that maybe someone in here have faced. Apparently there is no way that I can eliminate a space in a > string made of an integer variable. Try: number = 3> aux = STRCOMPRESS(STRING(number)) file = 'saving'+aux+'.dat' > > And, this way the variable file will be 'saving 3.dat' with a SPACE > inside the string. Any tips of how I can avoid this space? Yes, how about, aux = strtrim(number,2) or, to solve your whole problem at once, file = string(number,format='("saving",I0,".dat")') I use both. Craig

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

-----

Subject: Re: Converting INT to STRING out of space... Posted by tam on Mon, 21 Mar 2005 16:00:15 GMT

View Forum Message <> Reply to Message

## Nuno Oliveira wrote:

- > If I want to save a file within a cicle and I want the name of the
- > file to have the number related to the cicle, I have a problem that
- > maybe someone in here have faced.
- > Apparently there is no way that I can eliminate a space in a string
- > made of an integer variable. Try:

>

>

```
> number = 3
> aux = STRCOMPRESS(STRING(number))
> file = 'saving'+aux+'.dat'
>
> And, this way the variable file will be 'saving 3.dat' with a SPACE
> inside the string. Any tips of how I can avoid this space?
> Greetings,
> Nuno
> Try the /remove_all option in strcompress. Should do the trick.

Regards,
Tom McGlynn
```

Subject: Re: Converting INT to STRING out of space...
Posted by Ben Panter on Mon, 21 Mar 2005 16:00:30 GMT
View Forum Message <> Reply to Message

## Nuno Oliveira wrote:

```
Apparently there is no way that I can eliminate a space in a string made of an integer variable. Try:
number = 3
aux = STRCOMPRESS(STRING(number))
file = 'saving'+aux+'.dat'
And, this way the variable file will be 'saving 3.dat' with a SPACE
inside the string. Any tips of how I can avoid this space?
```

I have a solution, but it isn't general. If you use:

```
number = 3
aux = strtrim(string(number),2)
file = 'saving' + aux + '.dat'
```

It should solve your problem - by removing the space before it appears in the filename!

The more general solution requires you to call the strcompress a bit later, and with the /remove all keyword.

```
number = 3
aux = string(number)
file = strcompress('saving' + aux + '.dat', /remove_all)
```

without /remove\_all, strcompress compresses all whitespace to a single whitespace, it doesn't get rid of it. HTH, Ben -=-=-=-=-Ben Panter, Garching, Germany email via www.benpanter.co.uk Subject: Re: Converting INT to STRING out of space... Posted by Ben Panter on Mon, 21 Mar 2005 16:03:10 GMT View Forum Message <> Reply to Message Ben Panter wrote: > Nuno Oliveira wrote: > Apparently there is no way that I can eliminate a space in a >> string made of an integer variable. Try: >> number = 3>> aux = STRCOMPRESS(STRING(number)) >> file = 'saving'+aux+'.dat' >> > without /remove\_all, strcompress compresses all whitespace to a single > whitespace, it doesn't get rid of it. hmmm. Alternativly if I were to engage my brain before posting, you could just put a /remove all in your strcompress call, which would do the business. Ben Ben Panter, Garching, Germany email via www.benpanter.co.uk

Subject: Re: Converting INT to STRING out of space...

## Posted by R.G. Stockwell on Mon, 21 Mar 2005 17:21:25 GMT

View Forum Message <> Reply to Message

"Nuno Oliveira" <nmoliveira@fc.ul.pt> wrote in message news:d1mqh8\$111t\$1@pegasus.fccn.pt... > If I want to save a file within a cicle and I want the name of the file to > have the number related to the cicle, I have a problem that maybe someone > in here have faced. > > Apparently there is no way that I can eliminate a space in a string made > of an integer variable. Try: > number = 3 > aux = STRCOMPRESS(STRING(number)) > file = 'saving'+aux+'.dat' > > And, this way the variable file will be 'saving 3.dat' with a SPACE inside > the string. Any tips of how I can avoid this space? > > Greetings, > > Nuno > The answers posted solve your problem for you. I would just add one tidbit, you can format the numbers to have leading 0's, so that they line up nicely when you get a file listing in alphabetical order. Use format of I3.3 for instance: string(number,format='("saving",I3.3,".dat")') Cheers, bob