
Subject: Re: Convert Integer to Text

Posted by [Emmler, Oliver](#) on Sat, 26 May 2001 14:15:06 GMT

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Great, thanx to all.

Marks hit works fine.

Special Thanx to Mark

Oliver

"Martin Schultz" <martin.schultz@dkrz.de> schrieb im Newsbeitrag
news:ylwitj4uni9.fsf@faxaelven.dkrz.de...

> Dan Blair <vze2p88d@verizon.net> writes:

>

>> Mark Hadfield wrote:

>>

>>> From: ""Mark Hadfield"" <m.hadfield@niwa.cri.nz>

>>>

>>>> You can add the prefix and suffix via the "+" operator like

>>>> this...

>>>>

>>>> name = 'MC'+string(index,format='(l3.3)')+'.dcm'

>>>>

>>>> or within the format specifier like this...

>>>>

>>>> name = string(index,format=("(MC",l3.3,".dcm"))'

>>>

>>> Of course you can also use printf-style format codes (new to

>>> IDL 5.4) like this

>>>

>>> name = string(index,format='(%"MC%3.3d.dcm"))')

>>>

>>> I suppose there must be somebody out there who actually *uses*

>>> this stuff?

>>>

>>> ---

>>> Mark Hadfield

>

>> A freind of mine wrote a nice thing for just this application.

>> It's a function called

>> padnumstring.pro

>>

>> here it is

```

>> [...]
>> repeat begin
>>   if strlen(numstring) lt length then numstring='0'+numstring
>>   endrep until strlen(numstring) eq length
>
> Not to blame you or your friend, but Mark's solution using the
> format qualifier is far superior and faster, too. You shouldn't use
> a loop in IDL when you can avoid it as easily as here.
>
> Martin
>
>
> --
> [
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