
Subject: Re: Appending Numbers to Strings in IDL
Posted by [Paul Van Delst\[1\]](#) on Mon, 05 Jun 2006 21:57:00 GMT
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toddbranch wrote:

> Hi everyone,
>
> I'm new to IDL, and have only been using it for two weeks. I bought
> Liam Gumley's book and it has been quite helpful so far. The program
> I'm writing requires me to identify different objects within an image.
> Since there may be more than one, I append a variable number to the end
> of the file name string to differentiate between objects.
>
> I know that you can append numbers to a string like this:
> string+string(variable)
>
> But, that leaves a lot of whitespace in front of the number. Is there
> a way to eliminate this whitespace?
> I want it to work like this:
> string+string(variable)=stringvariable, not string variable

you can do

stringvar+strtrim(variable,2)

with variable = 1, 2, 3, 4,..... to give you something like

blah1
blah2
blah3
...
blah10
...
blah127
...etc

or

stringvar+string(variable,format='(i4.4)')

to do stuff like

blah0001
blah0002
blah0003
...
blah0010
...

blah0127

...etc

In the latter case, variable must be < 10000 .

paulv

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Paul van Delst Ride lots.

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