
Subject: Re: Removing CRLF from a String
Posted by [David Burridge](#) on Fri, 20 Mar 1998 08:00:00 GMT
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Jeff,

Are you sure that it's the CR that is the problem? From your example I don't.

I see this message a lot when I'm testing a variable that has been extracted from an array or that comes from a routine that can return arrays. It normally means that you've got an 1 element array of strings, as opposed to just a string (doing a help on "filename" and "directoryname" confirms this).

To cure the problem, use REFORM to remove dimensions of 1 from the array:
filename = REFORM (filename)

BTW: To get IDL to crash (and help with your debugging), type XMANAGER, CATCH=0 at the prompt. Don't forget to RETALL and XMANAGER after a crash, though - just like you used to IDL 4!

Cheers,

Dave

Jeff <jeffe@fl.ensco.com> wrote in article
<351154EA.A6AD4CD5@fl.ensco.com>...

> IDL was outputting the following message to me:

>

> % XMANAGER: Caught unexpected error from client application. Message
> follows...

> % MESSAGE: Expression must be a scalar in this context: <STRING
> Array[1]>.

>

> After tracking down what it really meant, I found that the fileName
> I was passing to the READ_ASCII routine had a CR at the end of it.
> (Boy I wish it returned a line number or Procedure where it bombed)

>

> I am using the CW_FIELD to get the string, so I do I avoid getting
> the CR, or how do I remove it.

>

> I've tried STRTRIM but it leaves CR's.

> I've tried using a WIDGET_TEXT rather than a CW_FIELD but get the
> same results.

>

> My simple example program is attached.

>

> Thanks,
>
> Jeff

Subject: Re: Removing CRLF from a String
Posted by [wmc](#) on Mon, 23 Mar 1998 08:00:00 GMT
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In article A6AD4CD5@fl.ensco.com, Jeff <jeffe@fl.ensco.com> writes:
> IDL was outputting the following message to me:
>
> % XMANAGER: Caught unexpected error from client application. Message
> follows...
> % MESSAGE: Expression must be a scalar in this context: <STRING
> Array[1]>.
>
> After tracking down what it really meant, I found that the fileName
> I was passing to the READ_ASCII routine had a CR at the end of it.

Hmmm... this might be your problem, but I humbly suggest that the actual problem is that you are passing a string array (of length 1, true, but nonetheless an array) to a routine that expects a scalar. Try read_ascii(your_string(0)).

> Content-Type: application/x-unknown-content-type-IDLprogramFile; name="testlt.pro"
> Content-Transfer-Encoding: base64
> Content-Disposition: inline; filename="testlt.pro"
>
> UHJvIHRLc3RJdF9FdmVudHMslGV2ZW50DQoNCg0KZXZlbnROYW1lID0gVGFn
X05hbWVzKGV2

An interesting program, no doubt, but incomprehensible to my poor eyes. Perhaps next time you might send it as simple text rather than encoded?

- William

William M Connolley | wmc@bas.ac.uk | <http://www.nbs.ac.uk/public/icd/wmc/>
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself
