Subject: Re: Removing CRLF from a String Posted by David Burridge on Fri, 20 Mar 1998 08:00:00 GMT View Forum Message <> Reply to Message

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="testIt.pro"
- > Content-Transfer-Encoding: base64
- > Content-Disposition: inline; filename="testIt.pro"

>

> UHJvIHRlc3RJdF9FdmVudHMsIGV2ZW50DQoNCg0KZXZlbnROYW1IID0gVGFn 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