
Subject: Re: template for READ_ASCII

Posted by [m.hadfield](#) on Mon, 25 Jun 2001 02:23:35 GMT

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From: "Bob Fugate" <rpfugate@mindspring.com>

> My question is, can I save the template somehow so I don't have to
> regenerate it with ASCII_TEMPLATE each time I restart IDL and want to
read
> new tables? I realize I only have to run ASCII_TEMPLATE once each session
> but I would like to make this completely automatic and so I don't have to
> manually go through the GUI each day. It is not a really big deal but I am
> getting greedy.

The template is an IDL structure. You can save it to disk with SAVE and
restore it with RESTORE.

Here's how I would do it:

```
function read_myfile, file
  common myblock, template
  if n_elements(template) eq 0 then begin
    template_file = <specify your template file name here>
    case file_test(template_file, /READ) of
      0: begin
        template = ascii_template(file)
        save, FILENAME=template_file
      end
      1: restore, FILENAME=template_file
    endif
    return, read_ascii(file, TEMPLATE=template)
  end
```

Mark Hadfield

m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield>

National Institute for Water and Atmospheric Research

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Posted from clam.niwa.cri.nz [202.36.29.1]

via Mailgate.ORG Server - <http://www.Mailgate.ORG>

Subject: Re: template for READ_ASCII

Posted by [Bob Fugate](#) on Mon, 25 Jun 2001 03:59:55 GMT

Mark,

Thanks. Only change I had to make was adding an "endcase" before the "endif" ... without it I got the "end of file before end or program" error.

It works great. I just didn't know how to save a structure. Now I do.
This is an incredible group --- answers to your problems while you wait.
Bob

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> From: m.hadfield@niwa.cri.nz (Mark Hadfield)
> Organization: Mailgate.ORG Server - http://www.Mailgate.ORG
> Newsgroups: comp.lang.idl-pvwave
> Date: Mon, 25 Jun 2001 02:23:35 +0000 (UTC)
> Subject: Re: template for READ_ASCII
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> ---
> Mark Hadfield
> m.hadfield@niwa.cri.nz http://katipo.niwa.cri.nz/~hadfield
> National Institute for Water and Atmospheric Research
```

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Subject: Re: template for READ_ASCII
Posted by [m.hadfield](#) on Mon, 25 Jun 2001 05:36:48 GMT
[View Forum Message](#) <> [Reply to Message](#)

From: "Bob Fugate" <rpfugate@mindspring.com>

> Thanks. Only change I had to make was adding an "endcase"
> before the "endif" ... without it I got the "end of file before
> end or program" error.

Well I did say "This is how I would do it". And using "endif" where I meant
"endcase" is something I do frequently!

Mark Hadfield
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National Institute for Water and Atmospheric Research

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