
Subject: Re: mrd_struct failure for string values inside the VM

Posted by [wlandsman](#) on Fri, 17 Apr 2015 14:12:47 GMT

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If you only have access to the IDL VM, I don't believe that you are going to be able to modify FITS files. Or is it that you have a license and are trying to write a VM application?

Anyway, if you have a FITS header (e.g. read in with `headfits()`) then the following little program will convert it to a structure (by using a hash as a intermediary). --Wayne

```
function fits2struct,hdr
; struct = fits2struct(hdr)

keywords = strmid(hdr,0,8)
hashfits = hash()
foreach key,keywords do hashfits[key] = sxpar(hdr,key,/silent)
return,hashfits.tostruct()
end
```

On Thursday, April 16, 2015 at 3:52:04 PM UTC-4, vino wrote:

> Hi Wlandsman,

>

> Thank you for reply. Can you please suggest any work around to this.. I just need to read in a fits header as a structure, so that I can access and modify them. I am taking some MEF files and making them single FITS files with appropriate headers added to them. Any help, will be much appreciated.

>

> Thanks and regards,

> Vino
