
Subject: Re: Evaluate a string as a variable name
Posted by [Craig Markwardt](#) on Wed, 05 May 2010 02:31:06 GMT
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On May 4, 10:48 am, laurel <laur...@gmail.com> wrote:
> Brilliant! Thanks so much.
> -Laurel

The IDL Astronomy library also has the very handy routine TAG_EXIST(), which allows you to query structure members by name.

You would do something like this.
if tag_exist(struct, x, index=ii) then begin
 y = struct.(ii)
endif else begin
 message, "ERROR: could not find '"+x+"' in structure"
endelse

TAG_EXIST() appears to be completely stand-alone, i.e. no dependencies on other functions in the library.
http://idlastro.gsfc.nasa.gov/ftp/pro/structure/tag_exist.pro

Craig
