
Subject: Re: turn a string value into variable name

Posted by [David Fanning](#) on Wed, 29 Oct 2008 15:09:33 GMT

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loebasboy writes:

> To know if my code is good coding I'll explain myself why I want to
> use this type of coding.
>
> I want to write function to read data out of a HDF5 file with a
> certain structure. The HDF5 file consists of a digital aerial image
> with calibration information per band and such. What I wanted to do
> is that I want to read in the central wavelength of a band, analyse it
> and define the name of that band so that I can write the data of the
> band in a variable with the right name of that band. Lets say that the
> central wavelength of this band is 752 nm, I would like to write the
> information of this band in the variable "NIR". So I first read in the
> central wavelength of a certain band, compare it with a reference
> value (depends on the sensor), and then write the information of the
> band in the right named variable. In this way I could do analyses with
> logical named variables...for instance, the calculation of the NDVI
> simply becomes (NIR-R)/(NIR+R) in the code.

Well, I think I'll just stand behind my statement. :-)

Cheers,

David

P.S. Wouldn't just using simple variables make your program easier to understand!? That's sort of the purpose of variables, to stand in for the real thing.

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
