
Subject: Re: netCDF Browser Update
Posted by [Matt\[2\]](#) on Mon, 24 Aug 2009 22:17:08 GMT
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It should have a keyword "BONEHEADED" so when the NETCDF has the scale and offset backwards you can divide by the scale and subtract the offset.

It happens all the time.

Matt

David Fanning <news@dfanning.com> writes:

> Folks,
>
> The NCDF_Browser application allows the user to browse
> netCDF and certain HDF data files for variables, attributes,
> and so on. Variables can be saved to the main IDL level. This
> update applies to variables that are saved (or read from the
> file) without their attributes. Such a variable is now checked
> for SCALE_FACTOR and ADD_OFFSET attributes. If found, the
> variable is now multiplied by the scale factor and has the
> offset added to it before the variable is returned or saved.
>
> The updated file can be found here:
>
> http://www.dfanning.com/programs/ncdf_data__define.pro
>
> Note that nothing is changed if you download the variable
> *with* its attributes. The "data" in such a variable structure
> is still the raw data and you would be expected to apply the
> scale factor and offset yourself.
>
> This change will make it more convenient to work with individual
> netCDF variables from within the NCDF_Browser.
>
> Cheers,
>
> David

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