Rick Towler (tsehai@attbi.com) writes:

> I actually want the ASCII characters that the char array refers to.
> Interestingly, when I do use the string function I get a blank line. I have
> tried different format statements to no avail.
>
> IDL> print,header.datum
>   0 0 87 71 83 56 52 0 0 0 0 0 0 0 0 0 0 0 0
> 0 0 0 0 0 0 0 0 0 0 0 0 0
> IDL> print,string(header.datum)
>

It's hard to know what this should be. I agree with
previous posters that you may have structure alignment
problems. But, typically, if a string were set to bytes
then blank characters would have the value 32, not 0.
(I don't know what the ASCII character is for 0B.)

But, if you do this:

    IDL> indices = Where(header.datum EQ 0, count)
    IDL> IF count GT 0 THEN header.datum[indices] = 32B
    IDL> Print, String(header.datum)
        WGS84

I don't know why this works, exactly. :-)

Cheers,

David
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