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Subject: how to define a struct header of fixed length in IDL

Posted by [rzsh5](#) on Sun, 17 Jul 2005 14:04:34 GMT

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hi,all

I have met a problem in write a binary file in IDL. In my output file, I need to write a header with 1024 byte length first, and then output the data(5\*5). I have defined a struct array for the header which includes different data types (string, Long, Integer), But how to

define a string type variable with fixed length, for example, char\* a[20]? my header is just like the following, but I can't read it out. please help me, thanks.

```
struct={header,
```

```
Sat:",Product:",Unit:",Year:-1,Day:1,Hour:1,Mini:1,Lat_max:-1.0,Lat_min:1.0,Lon_max:1.0,Lon_min:1.0,Project:",R_lat:1.-0,R_lon:1.0,Row:1,Col:1,Slope:-1.0,Offset:1.0,spare :"}}
```

where, for Sat,Product and Unit, Project, The length is char\*20.

I use writeu to write the header into file, and readu to get the header

out, but failed.

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