
Subject: LIST to STRUCTURE

Posted by [Jordan Guerra](#) on Mon, 09 May 2016 21:51:36 GMT

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Hi All,

I have a list that a read in from a data base in the form:

```
IDL> help, data_str, /str
DATA_STR      LIST <ID=6 NELEMENTS=12741>
```

Each element in this list is an structure itself, for example:

```
IDL> help, data_str[0], /str
** Structure <1cb83208>, 7 tags, length=112, data length=112, refs=2:
  DATA      STRUCT  -> <Anonymous> Array[1]
  FC_ID      STRING  'id_string'
  LAT_HG     DOUBLE   12.086699
  LONG_CARR   DOUBLE  -16.656586
  LONG_HG     DOUBLE   16.840149
  NAR        LONG64    804
  TIME_START  STRING  '2013-01-01T00:59:52Z'
```

Is there a way to transform the list to an IDL structure?

Thanks.

Subject: Re: LIST to STRUCTURE

Posted by [Heinz Stege](#) on Tue, 10 May 2016 00:32:34 GMT

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Hi Jordan,

here is some code which may need adding error-checking:

```
result=null
for i=0,n_elements(data_str)-1 do $

  result=create_struct(result,tag_names(data_str[i],/structure ),data_str[i])
```

Cheers, Heinz
