Subject: undefining structures ? Posted by lucio on Mon, 06 Dec 1993 18:13:22 GMT

View Forum Message <> Reply to Message

I am trying to read in files of a priori undefined organization within IDL.

The files are "tabular" binary files (an a priori unknown number of columns of an a priori unknown type with an a priori unknown number of rows). "a priori unknown" means documented in a file header.

What I wish to have is a procedure myread, 'myfile.name', s

which returns a structure s

This structure will have a number of members s.keyname corresponding to keywords, and a member s.data.

The member s.data is created as: data:replicate(template,nrows)

where template is constructed building up a string containing a statement like the following and doing an "test=execute(statement)"

template= {record,TIME:0L, THETA:0L, PHI:0L, ENERGY:0 , undef:0B}

where the names and types of the tags are constructed by my procedure according to information in the file itself. So later I can access the individual columns as s.data.time, etc.

I MUST use a named structure, otherwise I'm getting an error "cannot have an anonymous structure as a member of another structure").

This is fine the first time, or if I read more files with the same "record structure", but if I try to read a file with a different structure, I get an error % Wrong number of tags defined for structure: RECORD.

Is there any way I can REMOVE this structure from being defined (note that it does not correspond to any true variable in use), and re-use it again?

PS I'm using IDL 2.2.1 (and I'm not likely to upda	ate it for the time being)
A member of G.ASS : Group for Astrono	omical Software Support
Lucio Chiappetti - IFCTR/CNR Milano via Bassini 15 - I-20133 Milano - Italy Internet: LUCIO@IFCTR.MI.CNR.IT	UNICUIQUE System Manager FORTUNAE SUAE

Decnet: IFCTR::LUCIO (39610::LUCIO) | Bitnet: <please do not use any more> |