In article <397df38e.0@news.nwl.ac.uk>,
  wmc@bas.ac.uk wrote:
;[other stuff]

> Ah, no, thats not enough. I want, say, structures which represent a data
> agglomeration (I'm trying not to say object) with loads of header fields
> the same, but a few fields (maybe just the one "data" field) different.
> So the storage is different. I know I could do this by putting a pointer
> into the structure instead, but... I can't see why IDL shouldn't do this itself.
> I guess I'm assuming that, when IDL stores an array of strucutures, it doesn't
> store the structures consecutively anyway - just pointers to the structures.
> In which case, it shouldn't matter what the structure types are. I think.

William, David,

I have the same problem - I'd like to create a hierarchical data structure, basically an array, of structures (so I can use DataFile(1), DataFile(2), etc...) Each structure consists of headers, parameters, and *dynamic* arrays. So the structures are *more or less* the same, but differ in the lenght of their arrays. Using IDL 5.3 (sorry, our site has only this version licensed) the contents of an array can only be of one single type. My filestructures are like this: {{header},{parameters},{data}}, where {data} is a structure with arrays of (from file to file) different lengths. I only know at runtime how long these arrays are.

Any solution ?

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