Subject: Re: Object Oriented programming question Posted by mallors on Fri, 23 Apr 1999 07:00:00 GMT

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In article <372074A1.3FD713D7@astro.estec.esa.nl>.

>

- > Oh that's pretty simple (sorry I shouldn't say this :-) a good
- way to see how is the file lib/trackball__define.pro

- > at definition of an object like trackball, the ::init method
- > is called which may be defined in such a way that you can specify
- > required and optional parameters remember that you set the
- > object using self.(whatever...)

>

- > it is a very good (and probably the only) way to have all object
- > related methods in one file like the above examples trackball_define.pro
- > follow stricktly the order:
- > a) first arbitrary methods specialized for this object only
- > b) typical, more general methods (SetProperty, GetPro....
- > c) the init method
- > d) finally, the define method

- > IDL does then the rest if you need another example like
- > creating a complete atom by a set of objects starting from
- > simple spheres, mail me (only an example, not fully done)

There is no problem defining object methods each in their own files. For larger objects with many methods, I prefer to put each method in its own file, and let IDL's automatic compilation do the rest. Objects can be defined in the file "obj__define.pro", and methods in "obj__method1.pro", "obj__method2.pro", etc.

The only thing to watch our for is under case-sensitive operating systems, you must name your files in all lower case. although within IDL you can use case. For example, I might have the object method called "plotData", which would be placed in the file "obj plotdata.pro". But for the implementation, I would typically write

PRO obj::plotData

END

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