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while I was trying to fix a bug in a regridding program that I once wrote ;- (I decided enough is enough, and I finally sat down to create an object to deal with "georeferencing" as I hope I may call it. Those of you who have developed visualisation routines for geophysical data may have run into the following problems (if not, you are either much smarter than me or just lucky):

- The solution to all of these problems (and possible others) is now almost ready, and you can download a first test version from ftp://ftp.dkrz.de/pub/Outgoing/martin_schultz/id/ . So far, not all the features are fully implemented, and it works only for longitudes (i.e. I haven't implemented the ordering of latitude vectors yet). It is really work in progress, but I decided to post this article anyway, because now is the time where you can still influence the design process if you have serious objections to how certain things work or how they are called. As always the program (`mgs_hgrid__define.pro`) has a lot of documentation embedded, and there is an example program at the end to show you how to work with this object.

Cheers,
Martin

[[Dr. Martin Schultz Max-Planck-Institut fuer Meteorologie]]

