

Interactive comment on “NCIO 1.0: a simple Fortran NetCDF interface” by A. Robinson and M. Perrette

A. Robinson and M. Perrette

robinson@fis.ucm.es

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The new tool NCIO presented in this paper is a binding between Fortran and some major NetCDF functions. As Fortran is a widely used programming language in modelisation, I think the NCIO tool could be very useful. This wrapper library is a bridge between those two tools and it gives Fortran users access to a new set of tools without technical investment. A key design point I would like to highlight: NCIO is hiding unnecessary steps where the user has to create some intermediate variables while using netCDF functions. This is good design to take those complications away from the user. The source code which is hosted by GitHub is more than handy, it is also great for collaboration. Anyone can help the project: -adding features -correct unexpected behaviours -discuss issues or bugs and everything is happening in public for the world to

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see. The "all in one file" keeps the using simple for the user. Maybe two versions could exist: one for production like the current state of the project and the other one where the unique .f90 file is splitted in several files for more modularity, but more importantly to be more developer-friendly if some day a volunteer want to help the NCIO project. README.md is clear for anyone to use NCIO.

We thank the second reviewer for the positive comments, and we will keep the possibility of separating the module into several files in mind for the future. To this end we have opened an issue on the github repository suggesting this as a potential development direction.

Interactive comment on Geosci. Model Dev. Discuss., 8, 301, 2015.

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