Comment on egusphere-2022-510

Juan Antonio Añel

Chief editor comment on "Ocean Modeling with Adaptive {RE}solution (OMARE; version 1.0) – refactoring the NEMO model (version 4.0.1) with the parallel computing framework of JASMIN – Part 1: Adaptive grid refinement in an idealized double-gyre case" by Yan Zhang et al., EGUsphere, https://doi.org/10.5194/egusphere-2022-510-CEC3, 2022

Dear authors,

Again, thanks for your reply. I understand what you expose; however, beyond a statement on who to contact to access JASMIN, you do not provide evidence of how it is stored internally by the IAPCM, nor a DOI for it. Does IAPCM maintain a dedicated internal repository for curated software? To be more clear, we need to be sure that this is not simply stored by somebody in their personal account, computer or server, but institutionally backed to avoid failing to contact a person makes it impossible to recover it. And we would like some kind of evidence or official statement about it. For example, this is information sometimes contained in the web portal to apply for the software. A DOI is easy to get, and the IAPCM should not have a problem getting one for the JASMIN version you use.

Also, in any potential reviewed version of your manuscript, please change the repository you cite for NEMO. NEMO is already stored in Zenodo: https://zenodo.org/record/3878122, and this is a better choice to cite, a permanent repository that complies with our policy. I should note that the Zenodo repository contains version 4.0; however, it does not include version 4.0.1 that you use. You could ask the maintainers of the NEMO repository to upload version 4.0.1, as it is necessary for your work, or maybe you can upload it to a new repository.

Regards,

Juan A. Añel

Geosci. Model Dev. Executive Editor