

Interactive comment on “Next generation framework for aquatic modeling of the Earth System” by B. M. Fekete et al.

O. Marti (Editor)

olivier.marti@lsce.ipsl.fr

Received and published: 4 June 2009

The two anonymous referees agreed that the paper needs to be completed and deeply updated before a publication in GMD.

You state in your reply to ref. #1 that "we are convinced that the same approach is applicable for a wide array of Earth System Model components". This could be a conclusion of the paper, but the remarks of the two referees indicate that such a conclusion is not presently supported by the content of the paper. As pointed by the referees, the description of the NextFrAMES approach is insufficient. The description of the run-time engine is not completed, and there is no description of the module plugin API. Some examples of implementation, or, as suggested by ref. #2 a "case study section".

C78

My decision is thus to reject the paper in its current form. Anyway, both reviewer agreed that this kind of approach is promising, and is a subject that could, or even should, be addressed in GMD. So I encourage you to re-submit the paper.

Best regards

Olivier Marti GMD Topical Editor

Interactive comment on Geosci. Model Dev. Discuss., 2, 279, 2009.

C79