

Interactive comment on “Dynamically coupling Full Stokes and Shallow Shelf Approximation for marine ice sheet flow using Elmer/Ice (v8.3)” by Eef C. H. van Dongen et al.

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We agree with J. C. Hargreaves that the version of the code discussed in the manuscript must be made available. However, assigning a DOI to the code would require a release of the underlying multi-physics code Elmer to which we contributed. Since new releases of Elmer are created approximately once a year, this is not desirable. Instead of a DOI, we can provide a SHA which is linked to a specific commit. In this case, the SHA linked to the commit is <https://github.com/ElmerCSC/elmerfem/commit/ba117583defafe98bb6fd1793c9c6f341c0c87>. The combination of the GitHub directory to download from and the SHA is unique and

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thus provides the version of the code discussed in the manuscript. Therefore, we will add the SHA to the code availability section of the paper.

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