

SOD2D

It is written in Fortran, and uses MPI and OpenACC to provide parallelism at both coarse and fine-grained levels. The mesh is partitioned using the GEMPA library (<https://gitlab.com/rickbp/gempa>), which is included as a submodule in this repository. It also uses HDF5 for I/O, which must be installed appropriately according to the desired platform (see DEPENDENCIES section).

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

Source URL (retrieved on 12 nov 2024 - 20:54): <https://www.bsc.es/ca/research-and-development/software-and-apps/software-list/sod2d>