

# looking for package for convection–diffusion PDEs

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Hi,

Does anyone know of a fortran package to solve the convection–diffusion PDE's (maybe using the finite volume formulation)? I am looking to solve a chemically reactive flow problem.

I saw Clawpack, but that one is for hyperbolic PDE's. It does offer one example of the advection/diffusion problem (<http://www.amath.washington.edu/~claw/>), but not being an expert, I am wondering how robust clawpack is for such problems.

Thank you,

Mirko

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