

Assignment 2

- Implement a boundary condition that ramps the fixed value on a patch. Hand in a gif movie that proves that it works. Use some nice descriptive annotation in the movie. I will put the movies on the course homepage, so add your name (preferred) only if you agree that I post it on the Internet. Use the additional material at the course homepage: lecture notes from the Fourth OpenFOAM Workshop, where you will find the descriptions.
- Update the `solidParticleFoam` tutorials, `box` and `solidParticleDamBreak` (http://openfoamwiki.net/index.php/Contrib_solidParticleFoam), for version 1.7.x. You can first test it using OpenFOAM-1.5-dev, which is located next to OpenFOAM-1.7.x at the Chalmers student computers. You will run into some error messages that you must understand, and correct the errors. Hand in a description of the modifications that are needed in the tutorials in order to make it work in OpenFOAM-1.7.x.