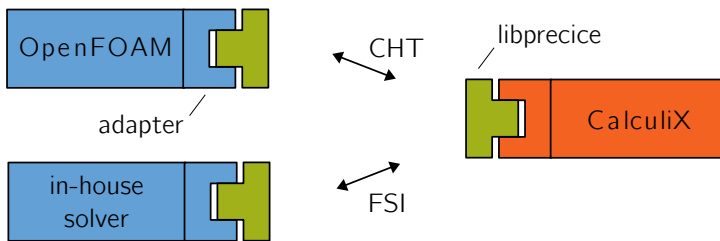
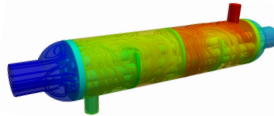
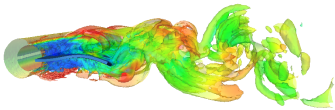


preCICE

A Coupling Library for Partitioned Multi-Physics Simulations



- Fully parallel, peer-to-peer concept
- Pure library approach
- Sophisticated and robust quasi-Newton coupling algorithms
- Multi-coupling



Fluid-Structure Interaction
Conjugate Heat Transfer
Fluid-Fluid Coupling

Official adapters for:

CalculiX Fluent
Code_Aster OpenFOAM
COMSOL SU2

Third-party adapters:

Ateles FASTEST
Alya FEAP
Carat++ foam-extend

API in:

C/C++
Fortran
Python



Source code and wiki at:
github.com/precice

precice.org