

Solvers and Discretization Schemes

Solvers

- Pressure-based
 - Segregated – converges slow but saves memory
 - SIMPLE, SIMPLEC, PISO
 - Coupled – converges fast but costs memory
 - Coupled
- Density-based

General

Mesh

Scale... Check Report Quality

Display...

Solver

Type

- ☒ Pressure-Based
- ☐ Density-Based

Velocity Formulation

- ☒ Absolute
- ☐ Relative

Time

- ☒ Steady
- ☐ Transient

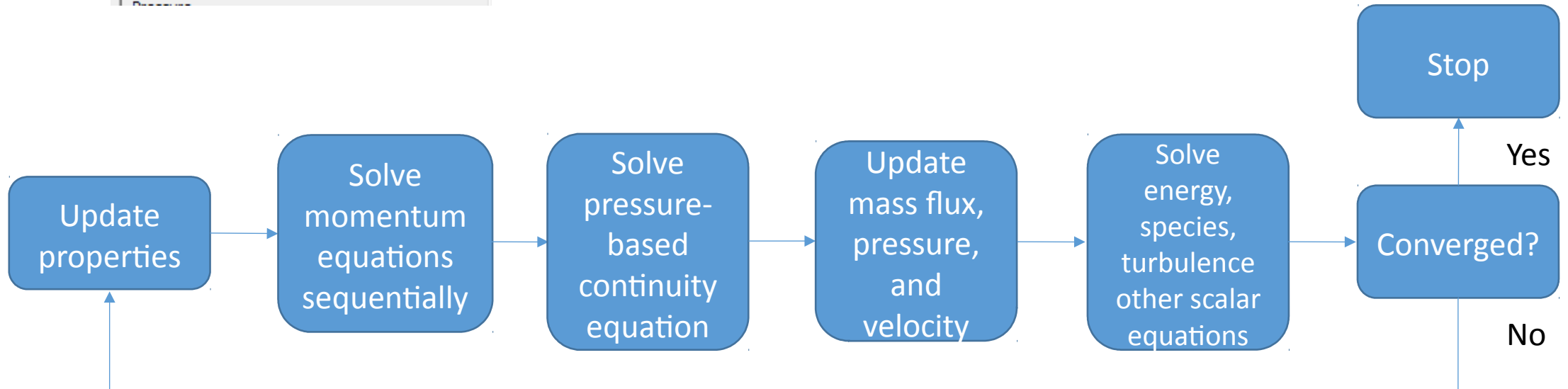
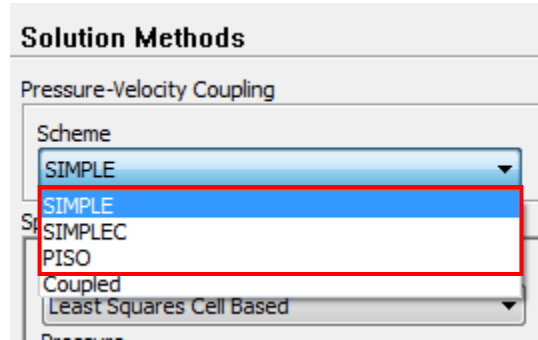
2D Space

- ☐ Planar
- ☒ Axisymmetric
- ☐ Axisymmetric Swirl

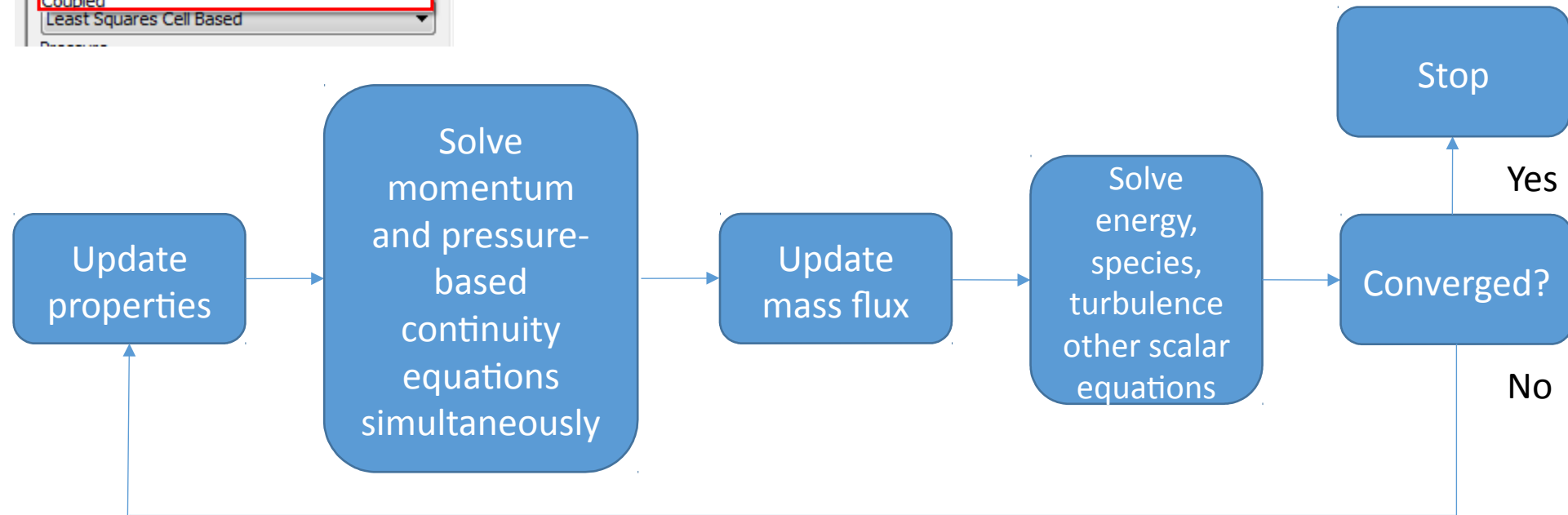
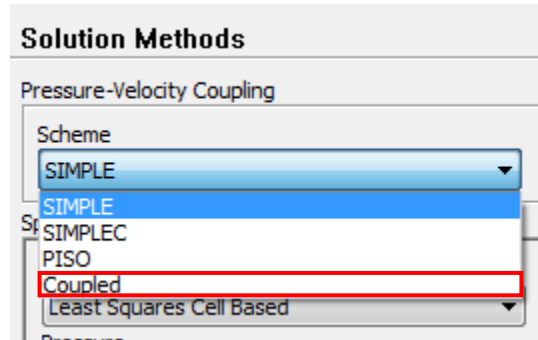
☐ Gravity Units...

Help

Segregated pressure-based solver



Coupled pressure-based solver



Density-based solver

