FLUID DOMAIN

SOLID DOMAIN

MpCCI

COUPLING TOOL

COUPLING SIMULATION CODE

Coupling strategy
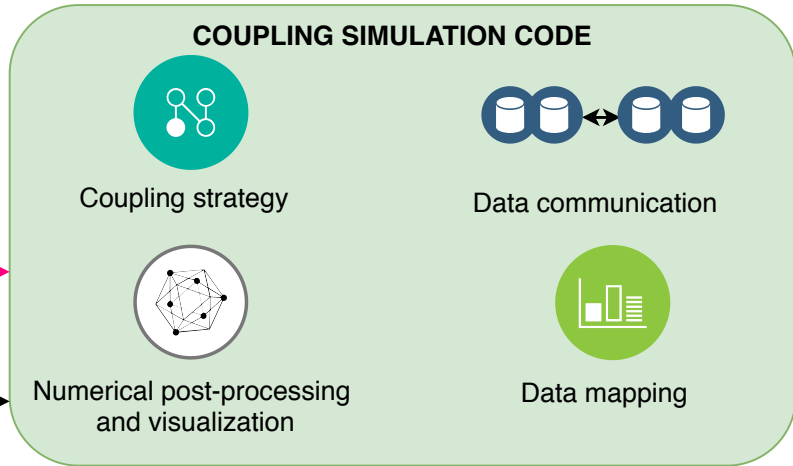
Data communication

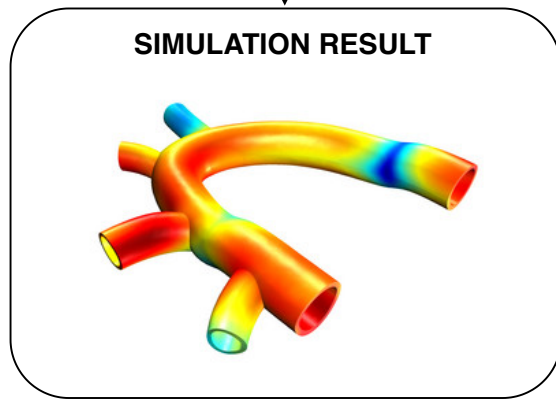Numerical post-processing and visualization

Data mapping

Fluid simulation code (Fluid solver)

Solid simulation code (Solid solver)

x

SIMULATION RESULT

FIXED PARAMETERS - Boundary conditions, initial conditions, governing principles and model properties.

Exchange of variables and parameters between different solvers.

x **CONFIGURABLE PARAMETERS** - changeable parameters - Parameters of interest.