Simulation

- domain
- bc_type
- time_dependency
- sim_type
- body_parameter
- solver_param
- bc_filename
- dimension
- sim_type : str
- time_dependency : str
- dimension : int

- read_solver_input()

→ *Simulation* →

Interpreter

- vectorial : bool

- build_EM_bloch_eq()
- dirichlet_vector()
- build_QM_dirichlet_eq()
- global_mass_matrix()
- build_harmonic_EM_eq()
- lumped_mass_matrix()
- newman_vector()
- global_stiffness_matrix()
- reference_image_bloch_vectors()
- build_static_EM_eq()

→ *Equation* →

Solver

- solve_stationary()
- substract_1()
- build_solution_2()
- build_solution()
- solve_spectral()
- meshsq2D()
- solve_bloch()
- solve_bloch_Brillouin()
- mesh_BrillouinZone()
- mesh1D()
- meshtr2D()

→ *Solution* →

.vtk