

Initialization



Modeling and Solving



Postprocessing

flow-system set up through our easy-to-use Python-API

flow-system

- network system
- parametrization

define calculations
(calculation type, solver,
subset of timeseries etc.)

translating interfaces to
variables and constraints,
solving

calculation 2

calculation 1

sub-flow-system

math. model

solution

structured access to
solutions and all
parametrizations,
convenient plotting
methods

result calculation 2

result calculation 1

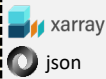
sub-flow-system

solution

MILP-Solver
HiGHS, Gurobi, CBC, ...

file I/O

flow-
system-
files



restore used flow system from file

sub-flow-
system
files



full restore
from file

solution
files

