

flixopt package



Initialization

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.)

file I/O

flow-
system-
files



Modeling and Solving

translating interfaces to variables and constraints, solving

calculation 2

calculation 1

sub-flow-system

math. model

solution

MILP-Solver
HIGHS, Gurobi, CBC, ...

restore used flow system from file

Postprocessing

structured access to solutions and all parametrizations, convenient plotting methods

result calculation 2

result calculation 1

sub-flow-system

solution

full restore
from file

sub-flow-
system
files



solution
files

