reaction

reaction blank node

- ("index" : int/string)

reaction edge

- id : int/string)
- source : string
- target : string
- lable : "in/out"

metabolit node

- ("index" : int/string)
- name : string
- quantity_compartment A : uint
- quantity_compartment B : uint
- quantity_compartment X : uint

gen node

- index : int
- name : string
- and : Array<gen node index>

gen edge

- id : int/string)
- source : string
- target : string

logic graphs

reaction graph

subsystem graph

compartment graph

subsystem A

subsystem B

subsystem C

subsystem D

compartments A

compartments B

transport reaktion

passiv transport reaction

A/B

A/B

A

B

A/B compartments

activ transport reaction

A/B

A/B

A/B

A

B

A/B

A/B compartments