Model

- + virtual System & createSystem (string name, double value)=0
- + virtual System & createSystem()=0
- + virtual System & createSystem
- (string name)=0+ virtual System & createSystem
- (double value)=0
- + virtual System & createSystem (System &system)=0
- + Flow & createFlow(string name, double value, System
- *origin, System *destination)
- + Flow & createFlow()
- + Flow & createFlow(Flow &f) + virtual ~Model()
- + virtual const string getName() const = 0
- and 11 more... + static Model & createModel()
- + static Model & createModel
- (string name) + static Model & createModel (System *systems)
- (Flow *flows) + static Model & createModel (string name, System *systems,

+ static Model & createModel

- Flow *flows) + static Model & createModel
- (Model &copiedModel)

Modelimpl # vector< System * >

- systemVector
- # string name

vector< Flow * > flowVector

- # static vector< Model
 - * > modelVector
- + System & createSystem
 - (string name, double value)
- + System & createSystem()
- + System & createSystem (string name)
- + System & createSystem (double value) + System & createSystem

(System &system)

- + Modelimpl()
- + Modelimpl(Model &model)
- + Modelimpl(string name)
- + Modelimpl(System *systems)
- + Modelimpl(Flow *flows)
- and 14 more... + static Model & createModel()
- + static Model & createModel
 - (string name)
- + static Model & createModel (System *systems)
- + static Model & createModel
- (Flow *flows) + static Model & createModel
- (string name, System *systems, Flow *flows)
- + static Model & createModel (Model &copiedModel)
- # Modelimpl & operator =(const Modelimpl &other)