MyVensim

+ virtual ~MyVensim()

+ virtual System * createSystem
  (const std::string &name
  ="NO_NAME", const double &value=0.0)=0

+ Flow * createFlow(const
  std::string name="NONAME",
  System *source=nullptr,
  System *destiny=nullptr)

+ virtual Model * createModel
  (const std::string &name
  ="NO_NAME", const int &startTime
  =0, const int &endTime=1)=0

+ virtual void add(System
  *system)=0

+ virtual void add(Flow
  *flow)=0

+ virtual void add(Model
  *model)=0

+ virtual bool rmv(const
  System *system)=0

+ virtual bool rmv(const
  Flow *flow)=0

+ virtual bool rmv(const
  Model *model)=0

+ virtual std::string
  getName() const =0

+ virtual void setName
  (const std::string &name)=0

+ virtual std::vector
  < System * > getSystems
  () const =0

+ virtual std::vector
  < Flow * > getFlows
  () const =0

+ virtual std::vector
  < Model * > getModels
  () const =0

+ virtual void setSystems
  (const std::vector< System
  * > systems)=0

+ virtual void setFlows
  (const std::vector< Flow
  * > flows)=0

+ virtual void setModels
  (const std::vector< Model
  * > models)=0

+ virtual bool run()=0