```
Model
 + virtual ~Model()
 + virtual std::string
    getName() const =0
   virtual void setName
   (const std::string &name)=0
   virtual int getStartTime
   () const =0
   virtual int getEndtTime
   () const =0
   virtual void setStartTime
   (const int &startTime)=0
   virtual void setEndTime (const int &endTime)=0
   virtual void setTime
   (const int &startTime
    const int &endTime)=0
   virtual void add(System
    *system)=0
   virtual void add(Flow
    *flow)=0
   virtual bool rmv(const
    systemIterator &system)=0
   virtual bool rmv(const
    flowIterator &flow)=
 + virtual bool run()=0
            ModelIMP
# std::string name
# std::vector< System
     > systems
  std::vector< Flow *
     flows
# int startTime
# int endTime
  ModelIMP(const std
  ::string &name="NO_NAME",
const int &startTime=0,
```

const int &endTime=1)

std::string getName

void setName(const std::string &name) int getStartTime()

+ int getEndtTime() const+ void setStartTime(const

void setEndTime(const

void add(System *system)

bool rmv(const flowIterator

bool operator==(const ModelIMP &other) const

ModelIMP & operator =(const ModelIMP &other)

ModelIMP(const ModelIMP

bool rmv(const systemIterator

void add(Flow *flow)

&system)

&flow) bool run()

&other)

int &startTime)

int &endTime)
void setTime(const
int &startTime, const
int &endTime)

-ModelIMP()

virtual -

() const

const

+