

Language Specification for SUGAR

Health Informatics 3

May 11, 2015

1 Examples

```
def timeCheck : Constraint = "time" = 08 : 30 AND "date" < 2015 - 01 - 17
```

```
from(statSensor)|constraint(timeCheck)|is(timeAndData)
```

```
def measurementInput(measurement, input) : Connection = FIRST input WHERE input.time >  
measurement.time AND input.date > measurement.date ORDER input.date, input.time DESC
```

```
connection(measurementInput, statSensor, website)
```

```
def measurement(measurement) : Coding = IF measurement NAME M
```

```
def input(input, measurement) : Coding = IF input WHERE measurement <  
5 min BEFORE NAME M
```

```
coding(input, website, statSensor)
```