Parsybone manual

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1 Model specification

Model is contained within the `MODEL` tag.
All numerical values can be integers only.

1.1 Example

```
<MODEL>
    <STRUCTURE unspec="error">
        <SPECIE name="SampleOne" max="1" basal="1">
            <INTERACTIONS>
                <INTER source="1" threshold ="1" />
            </INTERACTIONS>
            <REGULATIONS>
                <REGUL mask="0" t_value="-1" />
                <REGUL mask="1" t_value="-1" />
            </REGULATIONS>
        </SPECIE>
        <SPECIE name="SampleTwo" max="1" basal="0">
            <INTERACTIONS>
                <INTER source="0" threshold ="1" />
            </INTERACTIONS>
            <REGULATIONS>
                <REGUL mask="0" t_value="-1" />
                <REGUL mask="1" t_value="-1" />
            </REGULATIONS>
        </SPECIE>
```

```
      </STRUCTURE>
      <AUTOMATON>
         <STATE final="0">
            <TRANSITIONS>
               <TRANS label="SampleOne=1" target="1" />
               <TRANS label="SampleOne=0" target="0" />
            </TRANSITIONS>
         </STATE>
         <STATE final="1">
            <TRANSITIONS>
               <TRANS label="SampleOne=1" target="2" />
               <TRANS label="SampleOne=0" target="0" />
            </TRANSITIONS>
         </STATE>
         <STATE final="0">
            <TRANSITIONS>
               <TRANS label="SampleOne=1" target="2" />
               <TRANS label="SampleOne=0" target="1" />
            </TRANSITIONS>
         </STATE>
      </AUTOMATON>
</MODEL>
```

1.2 Description of model

`unspec` Currently unused, supposed do delimit handling of unspecified regulations.

`SPECIE` `name` Name of the specie, currently used for a reference in Büchi automaton. `max` Maximal value the specie can have. Minimal is always zero.

1.3 Description of behaviour