File Format for Supervisory Event Set Models

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This file format follows that defined for Model Representation in "IDES 2.1 File Format" documented by Christian Silvano (Revision 2010/10/13).

The model field uses version 3 and type "SupEventSet". Unlike an FSA model, the data field contains only one internal field `<event>`, which is described below (adapted from "IDES 2.1 File Format").

The event tag `<event>` contains the property id that internally identifies the event. There are two mandatory tags for `<event>`: properties and name. There can be many event tags in a FSA model file but all ids have to be unique.

For the properties tag `<properties>` there are currently two supported properties for an event: `<controllable />` and `<observable />`. The possible fields describing the properties of an event are:

1. A controllable event:

```
<properties>
        <controllable/>
</properties>
```

2. An observable event

```
<properties>
        <observable/>
</properties>
```

3. A controllable and observable event.

```
<properties>
        <controllable/>
        <observable/>
</properties>
```

4. A non-controllable and non-observable event

```
<properties/>
```

The name tag `<name>` contains the name of the event.

There are no new meta fields associated with this model.

A sample file appears as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<model version="3" type="SupEventSet" id="MyEventSet">
<data>
    <event id="2">
        <properties>
            <controllable />
        </properties>
        <name>b</name>
    </event>
    <event id="3">
        <properties />
        <name>c</name>
    </event>
    <event id="1">
        <properties>
            <controllable />
            <observable />
        </properties>
        <name>a</name>
    </event>
</data>
</model>
```