**SCXML**

This is the file format which Visual Statechart uses to save, open, and import statecharts. It uses QXmlStream to write and read.

There are four different items stored as xml elements:

* root machine <scxml>
* Transitions <transition>
* States <state>
* Text blocks <textblock>

The hierarchy principle of the state machines is mirrored in the .SCXML file. Any child items belonging to a state will be inside its <state> start element and </state> end element. Children of states can be transitions, text blocks, or other states.

All of an item’s attributes are stored within the start element of an item. It is in the form Attribute=”Value”

Attribute names cannot contain spaces because it is the delimiter used by the stream reader. Value, however, can contain spaces and any character, because it is stored as a string.