

SCXML

- *Couldn't you have created a conventional wiki page?* - Oh, we have a [HomePage](#) too, just for you.
- *Will Commons SCXML engine be able to execute this state machine?* - You'll have to try that, but as a project we sure hope to.
- *I've got a question, can you answer it?* - Take a look at the [FrequentlyAskedQuestions](#).

```
<?xml version="1.0"?>

<scxml xmlns="http://www.w3.org/2005/07/SCXML" version="1.0" initialstate="ProjectProposal">

  <state id="ProjectProposal">
    <transition event="feedback.received">
      <target next="Setup"/>
    </transition>

    <onexit>
      <log expr="Commons-SCXML is born"/>
    </onexit>
  </state>

  <state id="Setup">
    <initial>
    </initial>
    <transition>
      <target next="Wiki" />
    </transition>
    </initial>

    <state id="Wiki">
      <onentry>
        <log expr="Add a FrequentlyAskedQuestions page"/>
      </onentry>

      <transition event="wiki.created">
        <target next="ProjectRepository"/>
      </transition>
    </state>

    <state id="ProjectRepository">
      <transition event="initial.checkin.done">
        <target next="Work"/>
      </transition>
    </state>

    <state id="Work">
      <parallel>
      </parallel>
      <onentry>
        <log expr="Post ReleasePlan"/>
      </onentry>

      <state id="code">
        <transition event="code.written" cond="{code.features eq 'sufficient'}">
          <target next="Vote" />
        </transition>
      </state>

      <state id="trackbugs">
        <transition event="ticket.received">
          <log expr="Resolve bugzilla ticket number {ticket.number}"/>
        </transition>
      </state>

      <state id="attendemails">
        <transition event="discussion.started">
          <log expr="Participate in {discussion.title} discussion"/>
        </transition>
      </state>

      <onexit>
        <if cond="{bugzilla.opentickets gt 0}">
          <log expr="Fix bugzilla tickets"/>
        </if>

        <log expr="Post ReleaseCandidate"/>
      </onexit>
    </parallel>
  </state>
```

```
<state id="Vote">
<transition event="vote.pass">
<var name="version" expr="{previous.version + 0.1}"/>

<target next="Release"/>
</transition>

<transition event="vote.fail">
<log expr="Try harder"/>

<target next="Work"/>
</transition>
</state>

<state id="Release">
<transition event="release.cut">
<target next="Work"/>
</transition>

<onexit>
<log expr="Announce Release"/>
</onexit>
</state>

</scxml>
```