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
<?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>
      <transition>
        <target next="Wiki" />
      </transition>
      <onentry>
        <log expr="Add a FrequentlyAskedQuestions page"/>
      </onentry>
    </initial>
    <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>
      <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>
      </onexit>
    </parallel>
  </state>
</scxml>
```
<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>