

Orthogonal Regions SCXML

```

<state id="outerState">
  <onentry>
    <log expr="entering outerState"/>
  </onentry>
  <transition event="to_p" target="p"/>

  <parallel id="p">

    <!-- event called "done.state.p" called "p_final" on the diagram -->
    <transition event="done.state.p" target="someOtherState"/>

    <state id="S1" initial="S11">
      <onentry>
        <log expr="entering S1"/>
      </onentry>
      <state id="S11">
        <onentry>
          <log expr="entering S11"/>
        </onentry>
        <transition event="e4" target="S12"/>
        <onexit>
          <log expr="exiting S11"/>
        </onexit>
      </state>
      <state id="S12">
        <onentry>
          <log expr="entering S12"/>
        </onentry>
        <transition event="e1" target="S1Final"/>
        <onexit>
          <log expr="exiting S12"/>
        </onexit>
      </state>
      <final id="S1Final"/>
    </state>

    <state id="S2" initial="S21">
      <onentry>
        <log expr="entering S2"/>
      </onentry>
      <state id="S21">
        <onentry>
          <log expr="entering S21"/>
        </onentry>
        <transition event="e1" target="S22"/>
        <onexit>
          <log expr="exiting S21"/>
        </onexit>
      </state>
      <state id="S22">
        <onentry>
          <log expr="entering S22"/>
        </onentry>
        <transition event="e2" target="S2Final"/>
        <onexit>
          <log expr="exiting S22"/>
        </onexit>
      </state>
      <final id="S2Final"/>
    </state>
  </parallel>
  <state id="someOtherState">
    <onentry>
      <log expr="entering someOtherState"/>
    </onentry>
  </state>
</state>

```

Orthogonal Regions Diagram

