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" intial="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