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Orchestration Server Developer's Guide

Receive Event From Invoked Session and Extract Event Data

Receive Event From Invoked Session and Extract Event Data

The invoking session can extract data from the event sent by the invoked session using the `<finalize>` clause, as shown in the following sample.

```
<scxml version="1.0" xmlns="http://www.w3.org/2005/07/scxml"
  xmlns:queue="www.genesyslab.com/modules/queue"
  xmlns:dialog="www.genesyslab.com/modules/dialog"
  initial="initial">
  <datamodel>
    <data id="DN"/>
  </datamodel>
  <state id="initial">
    <transition event="interaction.added" target="invocation"/>
  </state>
  <state id="invocation">
    <invoke
      src="'http://localhost:9090/strategies/01_BASIC/_aux/ReturnDN.xml'" type="scxml">
      <finalize>
        <script>if ( _event.name == 'DN' ) _data.DN=_event.data.DN; </script>
      </finalize>
    </invoke>
    <transition event="done.invoke.invocation.*" target="routing"/>
    <transition event="error.invoke.invocation.*" target="error"/>
  </state>
  <state id="routing">
    <onentry>
      <queue:submit priority="5" timeout="20">
        <queue:targets type="dn">
          <queue:target name="_data.DN"/>
        </queue:targets>
      </queue:submit>
    </onentry>

    <transition event="queue.submit.done" target="exit">
      <log expr="'DONE'"/>
      <log expr="_genesys.ixn.interactions[0].voice.ani"/>
      <log expr="'DONE'"/>
      <log expr="_event.data.targetselected"/>
    </transition>
    <transition event="error.queue.submit" target="error"/>
  </state>

  <final id="exit"/>
  <final id="error"/>
</scxml>
```