



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Orchestration Server Developer's Guide

[Get Average Statistic Value](#)

12/12/2025

Get Average Statistic Value

The following example requests the average statistic value for a set of targets in the script block and then uses a delay to indicate when this value will become available to the SCXML session.

```
<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"
  xmlns:statistic="www.genesyslab.com/modules/statistic"
  initial="initial">
  <state id="initial">
    <transition event="interaction.added" target="subscribe"/>
  </state>
  <state id="subscribe">
    <onentry>
      <statistic:subscribe object="'702_sip@.A'" statistic="'StatAgentsAvailable'"/>
      <statistic:subscribe object="'SipGr_2@.GA'"
statistic="'StatAgentsAvailable'"/>
    </onentry>

    <transition event="statistic.subscribe.done" target="delay"/>
    <transition event="error.statistic.subscribe" target="error"/>
  </state>
  <state id="delay">
    <onentry>
      <send event="'delay'" target="_sessionid" targettype="'scxml'" delay="'2s'"/>
    </onentry>
    <transition event="delay" target="check"/>
  </state>
  <state id="check">
    <onentry>
      <log expr="_genesys.statistic.sData('702_sip@.A', 'StatAgentsAvailable')"/>
      <log expr="_genesys.statistic.sData('SipGr_2@.GA', 'StatAgentsAvailable')"/>
    </onentry>
    <transition cond="_genesys.statistic.getAvgData('702_sip@.A,SipGr_2@.GA',
'StatAgentsAvailable')==1" target="exit"/>
    <transition cond="_genesys.statistic.getAvgData('702_sip@.A,SipGr_2@.GA',
'StatAgentsAvailable')!=1" target="error"/>
  </state>

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