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Genesys Rules System Deployment Guide

GRE Server Status Check

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GRE Server Status Check

Important

Load balancers should not use this method, but rather check the GRE's status.jsp. See [High Availability](#)

To make a manual intervention for a GRE server status "heartbeat," use the base GRE URL:

`http://<hostname>:<port>/genesys-rules-engine/`

This returns the following:

Genesys Rules Engine (Version 8.5.200.10) is running

This server allows you to execute rules/knowledge bases remotely using a RESTful interface.

Stateless services

URL:

`http://{server address, port etc}/genesys-rules-engine/knowledgebase/{packageName}`
a HTTP POST to this URL will perform a stateless execution of the knowledgebase/rules.
The {packageName} is the name of a rules package previously deployed to this server.

General instructions

A request may contain globals, inOutFacts, and inFacts. Globals and inOutFacts may be modified by the rules and returned in the response.

By default XML will be used. If you pass in a Content-Type header of application/json, then JSON will be used instead. JSON is both a more compact and more performant format. HTTP POST is used to access this service. Any libraries the rules use (such as fact pojos) will need to be in the WEB-INF/lib directory.

Sample XML request content:



```
<knowledgebase-request>
  <globals>
    <named-fact>
      <fact class="string">Some data</fact>
      <id>myGlobal</id>
    </named-fact>
  </globals>
  <inOutFacts class="named-fact-array">
    <named-fact>
      <fact class="com.genesyslab.brs.engine.Person">
        <name>Sam</name>
        <likes>Swiss</likes>
        <age>28</age>
      </fact>
      <id>customer</id>
    </named-fact>
  </inOutFacts>
  <inFacts>
    <anon-fact>
      <fact class="com.genesyslab.brs.engine.Person">
```