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# Genesys Rules System Deployment Guide

GRE Server Status Check

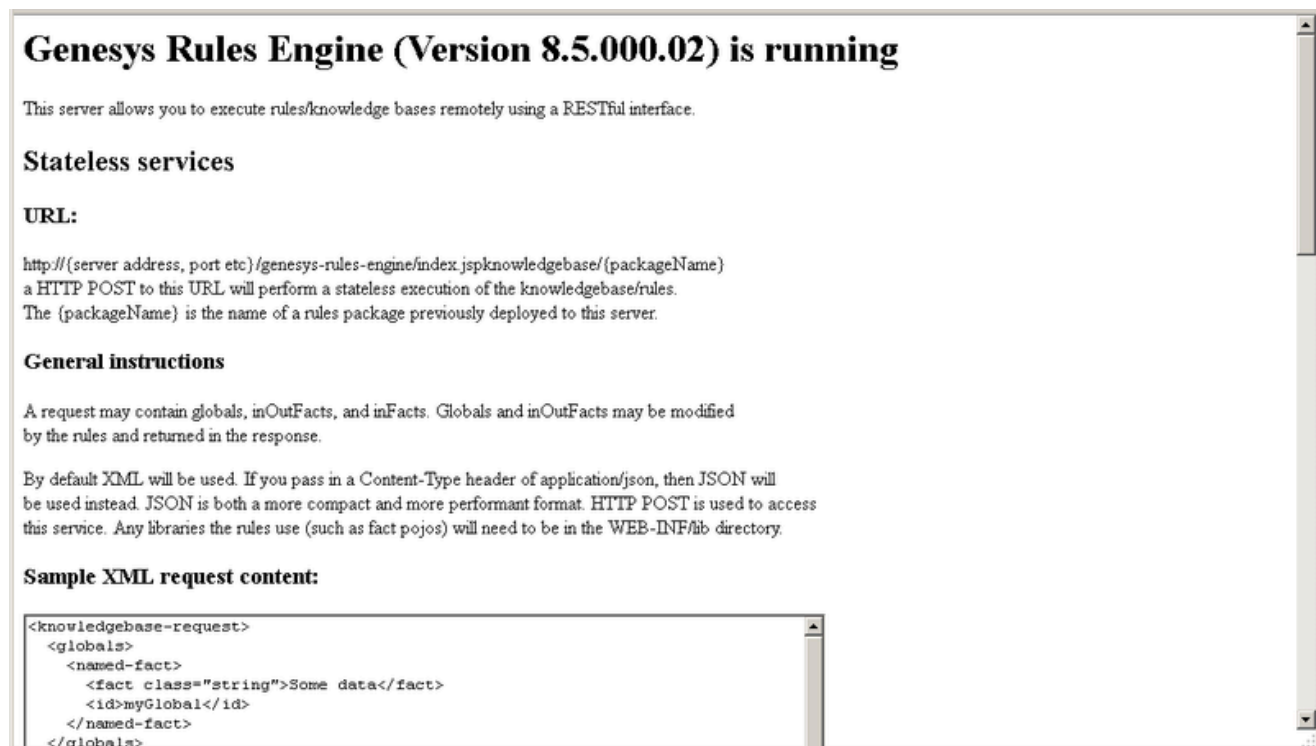
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# GRE Server Status Check

To test for a GRE server status "heartbeat," use the base GRE URL:

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

This returns the following:

A screenshot of a web browser window displaying the Genesys Rules Engine status page. The page has a title bar and a scroll bar on the right. The main content area has a white background with black text. The title is "Genesys Rules Engine (Version 8.5.000.02) is running" in a bold font. Below the title is a paragraph stating that the server allows remote execution of rules/knowledge bases via a RESTful interface. This is followed by a section titled "Stateless services" and a sub-section "URL:" which provides a URL template and explains that a HTTP POST to this URL performs a stateless execution of the knowledgebase/rules. The (packageName) is the name of a rules package previously deployed to this server. Next is a section titled "General instructions" which explains that a request may contain globals, inOutFacts, and inFacts, and that Globals and inOutFacts may be modified by the rules and returned in the response. It also states that by default XML will be used, but JSON can be used instead if specified in the Content-Type header. Finally, there is a section titled "Sample XML request content:" which shows a sample XML request in a code block.

**Genesys Rules Engine (Version 8.5.000.02) 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/index.jspknowledgebase/{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>
```