

# REST Service Scheduler Plugin

This plugin is deprecated and should not be used

## Plugin Information

No information for the plugin 'rest-service-scheduler' is available. It may have been removed from distribution.

This plugin delegates scheduling decisions to external scheduling service.

## Overview

This plugin monitors Jenkins queue and sends it to external scheduler periodically as well as obtaining job-to-node mapping. It propagates this mapping back to the Jenkins scheduler.

## Configuration

Plugin is inactive unless URL of external scheduler is provided in global configuration (Choose custom scheduler/Delegate scheduling to REST service /REST server url). Plugin will try to connect to the remote scheduler and verify the connection.

### Choose custom scheduler

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 **Delegate scheduling to REST service**

REST server url

Example, Inc. custom scheduler service

## External scheduler

External scheduler is a REST service deployed on URL accessible to Jenkins. It communicates using JSON encoded messages.

### /hudsonQueue/info

#### GET

Yields plaintext message identifying the service.

```
info: <service-identification-string>
```

### /hudsonQueue

#### POST

Updates json encoded queue representing jobs awaiting execution (buildable items).

#### PUT

Sets json encoded queue representing jobs awaiting execution (buildable items).

#### GET

Yields json encoded solution to be scheduled on Jenkins

#### DELETE

Stops external scheduler