

HsqldbRdb

A Hypersonic SQL database service

Table of contents

1 Overview.....	2
2 Design.....	2
3 Constraints.....	2
3.1 Allowed Child Dependencies.....	2
3.2 Allowed Parent Dependencies.....	2
4 Attributes.....	3
4.1 Defaults for Imported Attributes.....	3
5 Commands.....	3
5.1 Docs-Generate.....	3
5.2 startService.....	4
5.3 stopService.....	4
5.4 assertServiceIsUp.....	5
5.5 assertServiceIsDown.....	5
5.6 Deploy.....	5
6 Related Types.....	6
6.1 HsqldbRdbSetting.....	6
6.2 HsqldbRdbJavaHome.....	6
6.3 HsqldbRdbHome.....	7

1. Overview

HsqldbRdb: *A Hypersonic SQL database service*

2. Design

Super Type

[Rdb](#)

Role	Concrete. (Objects can be created.)
Instance Names	Unique
Notification	false
Template Directory	
Data View	Children, proximity: 1
Logger Name	

3. Constraints

3.1. Allowed Child Dependencies

- [HsqldbRdbDmp](#) 1
- [HsqldbRdbHome](#) 1
- [HsqldbRdbJavaHome](#) 1
- [HsqldbRdbSchema](#) 1
- [PlatformZip](#) 1
- RdbConnection1
- RdbData
- RdbDriver1
- RdbInstanceName1
- RdbPassword1
- RdbPort1
- RdbType1
- RdbUserName1

1: These types have a *Singleton* constraint. Only one instance may be added as a resource.

3.2. Allowed Parent Dependencies

- [HsqldbRdbExportBuilder](#)

- [JBossServer](#)
- Node
- Site

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default
hsqldbRdbHome	\${entity.deployment-install-root}
hsqldbRdbJavaHome	\${env.JAVA_HOME}
rdbConnection	jdbc:hsqldb:hsq://localhost:1701
rdbDriver	org.hsqldb.jdbcDriver
rdbInstanceName	db1
rdbPassword	
rdbPort	1701
rdbType	hsqldb
rdbUserName	sa

5. Commands

Note:

Commandline options displayed in square brackets "[]" are optional. If an option expects arguments, then angle brackets are shown after the option "<>". Any default value is shown within the brackets.

5.1. Docs-Generate

Generate the server properties file

Usage

```
Docs-Generate [-database <db1>] [-hostname <localhost>]
[-hsqldbhome <${entity.deployment-install-root}>] [-password
<>] [-port <1701>] [-username <sa>]
```

Options

Option	Description
--------	-------------

database	<i>Name of the first database file and its alias</i>
hostname	<i>Host name to use with SQL Tool</i>
hsqldbhome	<i>Value of HSQLDB_HOME</i>
password	<i>Password to use with SQL Tool</i>
port	<i>Server port</i>
username	<i>User name to use with SQL Tool</i>

5.2. startService

Start the Hypersonic SQL database server instance

Usage

```
startService [-hsqldbhome
<${entity.deployment-install-root}>] [-javahome
<${env.JAVA_HOME}>]
```

Options

Option	Description
hsqldbhome	<i>Value of HSQLDB_HOME</i>
javahome	<i>Value of JAVA_HOME</i>

5.3. stopService

Stop the Hypersonic SQL database server instance

Usage

```
stopService [-database <db1>] [-hsqldbhome
<${entity.deployment-install-root}>] [-javahome
<${env.JAVA_HOME}>]
```

Options

Option	Description
database	<i>Name of the first database file and its alias</i>
hsqldbhome	<i>Value of HSQLDB_HOME</i>
javahome	<i>Value of JAVA_HOME</i>

5.4. assertServiceIsUp

Check whether the Hypersonic SQL database server instance is up

Usage

```
assertServiceIsUp [-database <db1>] [-hsqldbhome
<${entity.deployment-install-root}>] [-javahome
<${env.JAVA_HOME}>]
```

Options

Option	Description
database	Name of the first database file and its alias
hsqldbhome	Value of HSQLDB_HOME
javahome	Value of JAVA_HOME

5.5. assertServiceIsDown

Check whether the Hypersonic SQL database server instance is down

Usage

```
assertServiceIsDown [-database <db1>] [-hsqldbhome
<${entity.deployment-install-root}>] [-javahome
<${env.JAVA_HOME}>]
```

Options

Option	Description
database	Name of the first database file and its alias
hsqldbhome	Value of HSQLDB_HOME
javahome	Value of JAVA_HOME

5.6. Deploy

Run the service deployment cycle, stopping installing package dependencies, configuring and the starting it.

Usage

```
Deploy
```

5.6.1. Workflow

1. Stop
2. Packages-Install
3. Configure
4. Start

6. Related Types

The following types are defined for use with HsqldbRdb.

6.1. HsqldbRdbSetting

6.1.1. Overview

HsqldbRdbSetting: *A Hypersonic SQL database configuration setting*

6.1.2. Design

Super Type Setting

Role	Abstract. (Objects cannot be created.)
Instance Names	Unique

6.1.3. Constraints

6.1.3.1. Allowed Parent Dependencies

- [HsqldbRdb](#)

6.2. HsqldbRdbJavaHome

6.2.1. Overview

HsqldbRdbJavaHome: *JAVA_HOME to use to run a Hypersonic SQL database server instance*

6.2.2. Design

Super Type [HsqldbRdbSetting](#)

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.2.3. Attributes

6.2.3.1. Exported Attributes

Name	Property
hsqldbRdbJavaHome	settingValue

6.3. HsqldbRdbHome

6.3.1. Overview

HsqldbRdbHome: *HSQLDB_HOME* to use to run a Hypersonic SQL database server instance

6.3.2. Design

Super Type

[HsqldbRdbSetting](#)

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.3.3. Attributes

6.3.3.1. Exported Attributes

Name	Property
hsqldbRdbHome	settingValue