

AtgOracleRdb

An Oracle relational database service

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1. Overview

AtgOracleRdb: *An Oracle relational database service*

2. Design

Super Type

[AtgRdb](#)

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

- [AtgOracleRdbInstanceName](#) 1
- [AtgOracleSchema](#)
- AtgRdbConnection
- AtgRdbDriver1

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

3.2. Allowed Parent Dependencies

- [AtgAppServer](#)
- Node
- Site

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default
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atgRdbDriver	oracle.jdbc.driver.OracleDriver
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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. switchSchemaBinding

updates the model with specified schema object

Usage

```
switchSchemaBinding [-fromschema <>] -schematype <>
-toschema <>
```

Options

Option	Description
fromschema	<i>name of schema to switch from</i>
schematype	<i>type name</i>
toschema	<i>name of schema to switch to</i>

5.2. Schemas-ExportDmp

calls schemas to export thier data files

Usage

```
Schemas-ExportDmp -buildstamp <> [-dmp_file <>] [-schemaname
<.*>] [-schematype <>]
```

Options

Option	Description
buildstamp	<i>build stamp</i>
dmp_file	<i>path to dumpfile</i>
schemaname	<i>schema name</i>
schematype	<i>schema type</i>

5.3. assertServiceIsUp

checks if the service is up

Usage

`assertServiceIsUp [-count <3>] [-rdbinstance <>]`

Execution	bash
Arguments	<code>\$ORACLE_HOME/bin/tnsping</code> <code>\${opts.rdbinstance} \${opts.count}</code>

Options

Option	Description
count	<i>number of times to ping</i>
rdbinstance	<i>listener name</i>

5.4. Schemas-ImportDmp

calls schemas to import thier data files

Usage

`Schemas-ImportDmp -schematype <>`

Options

Option	Description
schematype	<i>schema type</i>

6. Related Types

The following types are defined for use with AtgOracleRdb.

6.1. AtgOracleRdbInstanceName

6.1.1. Overview

AtgOracleRdbInstanceName: *Stores the value of an Oracle TNS name*

6.1.2. Design

Super Type

[AtgOracleRdbSetting](#)

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

6.1.3. Attributes**6.1.3.1. Exported Attributes**

Name	Property
rdbinstance	settingValue

6.2. AtgOracleRdbSetting**6.2.1. Overview**

AtgOracleRdbSetting: *an AtgOracleRdb setting*

6.2.2. Design**Super Type
Setting**

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

6.2.3. Constraints**6.2.3.1. Allowed Parent Dependencies**

- [AtgOracleRdb](#)