

AtgOracleRdb

An Oracle relational 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 Commands.....	2
4.1 switchSchemaBinding.....	3
4.2 Schemas-ExportDmp.....	3
4.3 assertServiceIsUp.....	3
4.4 Schemas-ImportDmp.....	4
5 Related Types.....	4
5.1 AtgOracleRdbInstanceName.....	4
5.2 AtgOracleRdbSetting.....	5

1. Overview

[Open in Workbench](#)

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
- [AtgRdbSchema](#) 1

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. 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.

4.1. switchSchemaBinding

updates the model with specified schema object

Usage

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

4.1.1. 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>

4.2. Schemas-ExportDmp

calls schemas to export thier data files

Usage

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

4.2.1. 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>

4.3. assertServiceIsUp

checks if the service is up

Usage

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

Execution	bash
Arguments	\$ORACLE_HOME/bin/tnsping

	<code>\${opts.rdbinstance} \${opts.count}</code>
--	--

4.3.1. Options

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

4.4. Schemas-ImportDmp

calls schemas to import thier data files

Usage

```
Schemas-ImportDmp -schematype <>
```

4.4.1. Options

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

5. Related Types

The following types are defined for use with AtgOracleRdb.

5.1. AtgOracleRdbInstanceName

5.1.1. Overview

[Open in Workbench](#)

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

5.1.2. Design

Super Type

[AtgOracleRdbSetting](#)

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

5.1.3. Attributes

5.1.3.1. Exported Attributes

Name	Property
rdbinstance	settingValue

5.2. AtgOracleRdbSetting

5.2.1. Overview

[Open in Workbench](#)

AtgOracleRdbSetting: *an AtgOracleRdb setting*

5.2.2. Design

Super Type Setting

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

5.2.3. Constraints

5.2.3.1. Allowed Parent Dependencies

- [AtgOracleRdb](#)