

AtgSolidRdbSchema

Represents a Solid database schema

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1. Overview

AtgSolidRdbSchema: *Represents a Solid database schema*

2. Design

Super Type

[AtgRdbSchema](#)

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

- AtgRdbDataSourceName1
- AtgRdbInstallRoot1
- AtgRdbSchemaName1
- AtgRdbSchemaPassword1
- AtgRdbSchemaType1
- AtgRdbSchemaUserName1

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

3.2. Allowed Parent Dependencies

- [AtgSolidRdb](#)
- Node

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default
------	---------

atgRdbInstallRoot	\${AtgSolidRdb.entity.instance.dir}/var
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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. export

Exports the schema

Usage

```
export -buildstamp <> [-instance
<${AtgSolidRdb.entity.attribute.atgRdbInstance}>] [-password
<${entity.attribute.atgRdbSchemaPassword}>] [-rdb_home <>]
[-schema <${entity.attribute.atgRdbSchemaName}>] [-username
<${entity.attribute.atgRdbSchemaUserName}>]
```

Options

Option	Description
buildstamp	<i>build stamp</i>
instance	<i>Database server instance name</i>
password	<i>Schema user's password</i>
rdb_home	<i>path to database install</i>
schema	<i>Database schema name</i>
username	<i>Schema user name</i>

5.2. import

Imports the schema

Usage

```
import [-dmp_file
<${entity.attribute.atgRdbSchemaType}-${opts.buildstamp}.dmp>]
[-failonwarnings <>] [-from_user <>] [-instance
<${AtgSolidRdb.entity.attribute.atgRdbInstanceName}>]
[-password <${entity.attribute.atgRdbSchemaPassword}>]
```

```
[-rdb_home <>] [-schema
<${entity.attribute.atgRdbSchemaName}>] [-username
<${entity.attribute.atgRdbSchemaUserName}>]
```

Options

Option	Description
dmp_file	<i>dump file to import</i>
failonwarnings	<i>if arg true, fail if there are import warnings</i>
from_user	<i>from user</i>
instance	<i>Database server instance name</i>
password	<i>Schema user's password</i>
rdb_home	<i>path to database install</i>
schema	<i>Database schema name</i>
username	<i>Schema user name</i>

5.3. registerDmp

registers the dump file as an object

Usage

```
registerDmp [-buildstamp <>] [-dmp_file <>] [-packagetype
<AtgRdbData>] [-release <>] [-tstampformat <yyyymmddhhmm>]
[-version <>]
```

Options

Option	Description
buildstamp	<i>package build timestamp</i>
dmp_file	<i>dumpfile</i>
packagetype	<i>type name</i>
release	<i>version release</i>
tstampformat	<i>build timestamp format</i>
version	<i>package version</i>

5.4. upSchema

Checks schema is available in the designated instance

Usage

```
upSchema [-instance  
<${AtgSolidRdb.entity.attribute.atgRdbInstance}>] [-password  
<${entity.attribute.atgRdbSchemaPassword}>] [-schema  
<${entity.attribute.atgRdbSchemaName}>] [-username  
<${entity.attribute.atgRdbSchemaUserName}>]
```

Options

Option	Description
instance	<i>Database server instance name</i>
password	<i>Schema user's password</i>
schema	<i>Database schema name</i>
username	<i>Schema user name</i>