

PostgresRdb

PostgreSQL server system service module

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1. Overview

PostgresRdb: *PostgreSQL server system service module*

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	PostgresRdb

3. Constraints

3.1. Allowed Child Dependencies

- [PostgresRdbPgData](#) 1
- [PostgresRdbPgEngine](#) 1
- [PostgresRdbSchema](#)
- RdbConnection1
- RdbDriver1
- RdbInstanceName1
- RdbPassword1
- RdbPort1
- RdbType1
- RdbUserName1
- SystemServiceScript1
- SystemServiceUseSudo1

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

3.2. Allowed Parent Dependencies

- Node
- Service

- Site

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default
pgData	/var/lib/pgsql/data
pgEngine	/usr/bin
rdbConnection	localhost
rdbDriver	org.postgresql.Driver
rdbInstanceName	postgres
rdbPassword	postgres
rdbPort	5432
rdbType	postgresql
rdbUserName	postgres
systemServiceScript	postgresql

5. Commands

View the available commands in the [User Reference](#).

6. Related Types

The following types are defined for use with PostgresRdb.

6.1. PostgresRdbPgData

6.1.1. Overview

PostgresRdbPgData: *PostgreSQL server data directory*

6.1.2. Design

Super Type

[PostgresRdbSetting](#)

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

6.1.3. Constraints

6.1.3.1. Allowed Parent Dependencies

- [PostgresRdb](#)

6.1.4. Attributes

6.1.4.1. Exported Attributes

Name	Property
pgData	settingValue

6.2. PostgresRdbPgEngine

6.2.1. Overview

PostgresRdbPgEngine: *PostgreSQL program installation directory*

6.2.2. Design

Super Type

[PostgresRdbSetting](#)

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

6.2.3. Constraints

6.2.3.1. Allowed Parent Dependencies

- [PostgresRdb](#)

6.2.4. Attributes

6.2.4.1. Exported Attributes

Name	Property
pgEngine	settingValue

6.3. PostgresRdbSetting

6.3.1. Overview

PostgresRdbSetting: *PostgreSQL server configuration setting*

6.3.2. Design

Super Type Setting

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