

FireDaemonService

Service integration of FireDaemon Technologie's Windows Service wrapper

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1. Overview

FireDaemonService: Service integration of FireDaemon Technologie's Windows Service wrapper

2. Design

Super Type Service

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

- [FireDaemonExecutable](#) 1
- [FireDaemonServiceAccountName](#) 1
- [FireDaemonServiceAccountPassword](#) 1
- [FireDaemonServiceDescription](#) 1
- [FireDaemonServiceDisplayName](#) 1
- [FireDaemonServiceExecutable](#) 1
- [FireDaemonServiceName](#) 1
- [FireDaemonServiceParameters](#) 1

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

3.2. Allowed Parent Dependencies

- Node
- Site

4. Attributes

4.1. Exported Attributes

Name	Property
installRoot	deployment-install-root
workingDir	deployment-basedir

4.2. Defaults for Imported Attributes

Name	Default
fireDaemonExecutable	C:\Program Files\FireDaemon\FireDaemon.exe
fireDaemonServiceExecutable	LoginServer.exe
fireDaemonServiceParameters	

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. Deploy

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

Usage

Deploy

5.1.1. Workflow

1. Stop
2. [Remove](#)
3. Packages-Install
4. Configure
5. [Add](#)
6. Start

5.2. Update

Run the service deployment cycle, same as Deploy

Usage

Update

5.2.1. Workflow

1. [Deploy](#)

5.3. Add

Add the FireDaemon Windows service if it is not already installed.

Usage

Add

5.3.1. Workflow

1. [assertServiceIsInstalled](#)

5.3.2. Error Handler

Command	addService
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5.4. Remove

Remove the FireDaemon Windows service if it is installed.

Usage

Remove

5.4.1. Workflow

1. [assertServiceIsNotInstalled](#)

5.4.2. Error Handler

Command	removeService
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5.5. addService

Add the FireDaemon Windows service to the system

Usage

addService [-firedaemon <>]

Options

Option	Description
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firedaemon	<i>Location of the FireDaemon executable</i>
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5.6. removeService

Remove the FireDaemon Windows service from the system

Usage

```
removeService [-firedaemon <>] [-servicename <>]
```

Options

Option	Description
firedaemon	<i>Location of the FireDaemon executable</i>
servicename	<i>FireDaemon Windows service name</i>

5.7. assertServiceIsUp

Check whether the FireDaemon Windows service is up

Usage

```
assertServiceIsUp [-firedaemon <>] [-servicename <>]
```

Options

Option	Description
firedaemon	<i>Location of the FireDaemon executable</i>
servicename	<i>FireDaemon Windows service name</i>

5.8. assertServiceIsDown

Check whether the FireDaemon Windows service is down

Usage

```
assertServiceIsDown [-firedaemon <>] [-servicename <>]
```

Options

Option	Description
firedaemon	<i>Location of the FireDaemon executable</i>
servicename	<i>FireDaemon Windows service name</i>

5.9. assertServiceIsInstalled

Check whether the FireDaemon Windows service is installed

Usage

`assertServiceIsInstalled [-firedaemon <>] [-servicename <>]`

Options

Option	Description
firedaemon	Location of the FireDaemon executable
servicename	FireDaemon Windows service name

5.10. assertServiceIsNotInstalled

Check whether the FireDaemon Windows service is not installed

Usage

`assertServiceIsNotInstalled [-firedaemon <>] [-servicename <>]`

Options

Option	Description
firedaemon	Location of the FireDaemon executable
servicename	FireDaemon Windows service name

5.11. startService

Start the FireDaemon Windows service

Usage

`startService [-firedaemon <>] [-servicename <>]`

Options

Option	Description
firedaemon	Location of the FireDaemon executable
servicename	FireDaemon Windows service name

5.12. stopService

Stop the FireDaemon Windows service

Usage

```
stopService [-firedaemon <>] [-servicename <>]
```

Options

Option	Description
firedaemon	<i>Location of the FireDaemon executable</i>
servicename	<i>FireDaemon Windows service name</i>

6. Related Types

The following types are defined for use with FireDaemonService.

6.1. FireDaemonServiceSetting

6.1.1. Overview

FireDaemonServiceSetting: *FireDaemon configuration setting*

6.1.2. Design

Super Type Setting

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

6.2. FireDaemonExecutable

6.2.1. Overview

FireDaemonExecutable: *Location of the FireDaemon command-line executable*

6.2.2. Design

Super Type [FireDaemonServiceSetting](#)

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

6.2.3. Constraints

6.2.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.2.4. Attributes

6.2.4.1. Exported Attributes

Name	Property
fireDaemonExecutable	settingValue

6.3. FireDaemonServiceName

6.3.1. Overview

FireDaemonServiceName: *Name of the FireDaemon Windows service*

6.3.2. Design

Super Type

[FireDaemonServiceSetting](#)

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

6.3.3. Constraints

6.3.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.3.4. Attributes

6.3.4.1. Exported Attributes

Name	Property
fireDaemonServiceName	settingValue

6.4. FireDaemonServiceDisplayName

6.4.1. Overview

FireDaemonServiceDisplayName: *Displayed name of the FireDaemon Windows service*

6.4.2. Design

Super Type

[FireDaemonServiceSetting](#)

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

6.4.3. Constraints

6.4.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.4.4. Attributes

6.4.4.1. Exported Attributes

Name	Property
fireDaemonServiceDisplayName	settingValue

6.5. FireDaemonServiceDescription

6.5.1. Overview

FireDaemonServiceDescription: *Description of the FireDaemon Windows service*

6.5.2. Design

Super Type

[FireDaemonServiceSetting](#)

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

6.5.3. Constraints

6.5.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.5.4. Attributes**6.5.4.1. Exported Attributes**

Name	Property
fireDaemonServiceDescription	settingValue

6.6. FireDaemonServiceExecutable**6.6.1. Overview**

FireDaemonServiceExecutable: *Executable for FireDaemon to run as a Windows service*

6.6.2. Design**Super Type**

[FireDaemonServiceSetting](#)

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

6.6.3. Constraints**6.6.3.1. Allowed Parent Dependencies**

- [FireDaemonService](#)

6.6.4. Attributes**6.6.4.1. Exported Attributes**

Name	Property
fireDaemonServiceExecutable	settingValue

6.7. FireDaemonServiceParameters

6.7.1. Overview

FireDaemonServiceParameters: *Parameters for the windows service via FireDaemon*

6.7.2. Design

Super Type

[FireDaemonServiceSetting](#)

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

6.7.3. Constraints

6.7.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.7.4. Attributes

6.7.4.1. Exported Attributes

Name	Property
fireDaemonServiceParameters	settingValue

6.8. FireDaemonServiceAccountName

6.8.1. Overview

FireDaemonServiceAccountName: *Account name to use with the FireDaemon Windows service.*

6.8.2. Design

Super Type

[FireDaemonServiceSetting](#)

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

6.8.3. Constraints

6.8.3.1. Allowed Parent Dependencies

- [FireDaemonService](#)

6.8.4. Attributes**6.8.4.1. Exported Attributes**

Name	Property
fireDaemonServiceAccountName	settingValue

6.9. FireDaemonServiceAccountPassword**6.9.1. Overview**

FireDaemonServiceAccountPassword: *Account password to use with the FireDaemon Windows service.*

6.9.2. Design**Super Type**

[FireDaemonServiceSetting](#)

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

6.9.3. Constraints**6.9.3.1. Allowed Parent Dependencies**

- [FireDaemonService](#)

6.9.4. Attributes**6.9.4.1. Exported Attributes**

Name	Property
fireDaemonServiceAccountPassword	settingValue