

Squid

Squid caching proxy server

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1. Overview

Squid: *Squid caching proxy server*

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	Squid

3. Constraints

3.1. Allowed Child Dependencies

- [SquidClient](#) 1
- [SquidHost](#) 1
- [SquidPort](#) 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
squidBase	deployment-basedir
squidHome	deployment-install-root

4.2. Defaults for Imported Attributes

Name	Default
squidClient	/usr/sbin/squidclient
squidHost	localhost
squidPort	3128

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. Stop

Conditionally stops the JBoss Server

Usage

stop

5.1.1. Workflow

1. [assertServiceIsDown](#)

5.1.2. Error Handler

Command	stopServiceWrapper
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5.2. stopServiceWrapper

wraps the jboss stop procedure and waits for stop event

Usage

stopServiceWrapper

5.2.1. Workflow

1. [stopService](#)
2. [waitForStopEvent](#)

5.2.2. Error Handler

Command	killService
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5.3. waitForStopEvent

waits for the service to shutdown

Usage

```
waitForStopEvent [-host <>] [-maxwait <45>] [-port <>]
```

Options

Option	Description
host	<i>Squid host</i>
maxwait	<i>Squid max wait for shutdown</i>
port	<i>Squid port</i>

5.4. assertServiceIsDown

checks if the service is down

Usage

```
assertServiceIsDown [-host <>] [-port <>]
```

Options

Option	Description
host	<i>Squid host</i>
port	<i>Squid port</i>

5.5. assertServiceIsUp

checks if the service is running

Usage

```
assertServiceIsUp [-host <>] [-port <>]
```

Options

Option	Description
host	<i>Squid host</i>
port	<i>Squid port</i>

5.6. stopService

stops the squid service

Usage

stopService

5.7. killService

kills the squid service

Usage

killService

5.8. startService

starts the squid service

Usage

startService

5.9. purgeObject

purges an object from the squid cache

Usage

purgeObject

6. Related Types

The following types are defined for use with Squid.

6.1. SquidSetting

6.1.1. Overview

SquidSetting: *Squid configuration setting*

6.1.2. Design

Super Type Setting

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

6.2. SquidPort

6.2.1. Overview

SquidPort: *Squid HTTP port*

6.2.2. Design

Super Type

[SquidSetting](#)

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

6.2.3. Constraints

6.2.3.1. Allowed Parent Dependencies

- [Squid](#)

6.2.4. Attributes

6.2.4.1. Exported Attributes

Name	Property
squidPort	settingValue

6.3. SquidHost

6.3.1. Overview

SquidHost: *Squid host*

6.3.2. Design

Super Type

[SquidSetting](#)

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

6.3.3. Constraints

6.3.3.1. Allowed Parent Dependencies

- [Squid](#)

6.3.4. Attributes

6.3.4.1. Exported Attributes

Name	Property
squidHost	settingValue

6.4. SquidClient

6.4.1. Overview

SquidClient: *Location of the Squid client utility*

6.4.2. Design

Super Type

[SquidSetting](#)

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

6.4.3. Constraints

6.4.3.1. Allowed Parent Dependencies

- [Squid](#)

6.4.4. Attributes

6.4.4.1. Exported Attributes

Name	Property
squidClient	settingValue