

AtgApacheServer

Apache web server

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1. Overview

AtgApacheServer: *Apache web 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	AtgApacheServer

3. Constraints

3.1. Allowed Child Dependencies

- [AtgApachePath](#) 1
- [AtgApachePidFile](#) 1
- [AtgApacheServerConfigFile](#) 1
- [AtgApacheStartCommand](#) 1
- [AtgApacheTimeout](#) 1
- [AtgApacheUser](#) 1
- [AtgConfigJar](#) 1
- [AtgModuleJar](#) 1
- DefaultAllowMultiplePackageMatches1
- DefaultFailIfPackageNotReplaced1
- DefaultPackageName1
- DefaultPackageType1

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

3.2. Allowed Parent Dependencies

- [AtgSite](#)
- Node

- Updater

4. Attributes

4.1. Exported Attributes

Name	Property
atgApacheHome	deployment-install-root
atgApacheServerRoot	deployment-basedir

4.2. Defaults for Imported Attributes

Name	Default
atgApachePath	/bin:/usr/bin
atgApachePidFile	\${entity.attribute.atgApacheServerRoot}/logs/httpd.pid
atgApacheServerConfigFile	\${entity.attribute.atgApacheServerRoot}/conf/httpd.conf
atgApacheStartCommand	start
atgApacheTimeout	60
atgApacheUser	\${user.name}
defaultAllowMultiplePackageMatches	false
defaultFailIfPackageNotReplaced	true
defaultPackageName	^\$
defaultPackageType	AtgConfigJar

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. assertServiceIsDown

checks if service is down

Usage

```
assertServiceIsDown [-pidfile <>]
```

Options

Option	Description
pidfile	<i>Location of the Apache server pid file</i>

5.2. assertServiceIsUp

checks if process is running

Usage

```
assertServiceIsUp [-pidfile <>]
```

Options

Option	Description
pidfile	<i>Location of the Apache server pid file</i>

5.3. startService

start the service process

Usage

```
startService [-base <>] [-command <>] [-conf <>] [-home <>]  
[-path <>] [-pidfile <>] [-timeout <>] [-user <>]
```

Options

Option	Description
base	<i>Location of the Apache base configuration</i>
command	<i>Command to use to start Apache</i>
conf	<i>Location of the Apache configuration file</i>
home	<i>Location of the Apache installation</i>
path	<i>PATH to use with the Apache server</i>
pidfile	<i>Location of the Apache server pid file</i>
timeout	<i>Timeout in seconds</i>
user	<i>user to start apache with</i>

5.4. stopService

stops the service process

Usage

```
stopService [-base <>] [-conf <>] [-home <>] [-path <>]
[-timeout <>] [-user <>]
```

Options

Option	Description
base	<i>Location of the Apache base configuration</i>
conf	<i>Location of the Apache configuration file</i>
home	<i>Location of the Apache installation</i>
path	<i>PATH to use with the Apache server</i>
timeout	<i>Timeout in seconds</i>
user	<i>user to stop apache with</i>

6. Related Types

The following types are defined for use with AtgApacheServer.

6.1. AtgApacheSetting

6.1.1. Overview

AtgApacheSetting: *Apache web server settings*

6.1.2. Design

Super Type Setting

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

6.1.3. Constraints

6.1.3.1. Allowed Parent Dependencies

- [AtgApacheServer](#)

6.2. AtgApacheUser

6.2.1. Overview

AtgApacheUser: *Period to wait (in seconds) before timing out Apache server start/stop commands*

6.2.2. Design

Super Type

[AtgApacheSetting](#)

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

6.2.3. Attributes

6.2.3.1. Exported Attributes

Name	Property
atgApacheUser	settingValue

6.3. AtgApacheStartCommand

6.3.1. Overview

AtgApacheStartCommand: *The command to use to start Apache via apachectl (usually "start" or "startssl")*

6.3.2. Design

Super Type

[AtgApacheSetting](#)

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

6.3.3. Attributes

6.3.3.1. Exported Attributes

Name	Property
atgApacheStartCommand	settingValue

6.4. AtgApacheTimeout**6.4.1. Overview**

AtgApacheTimeout: *Period to wait (in seconds) before timing out Apache server start/stop commands*

6.4.2. Design**Super Type**
[AtgApacheSetting](#)

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

6.4.3. Attributes**6.4.3.1. Exported Attributes**

Name	Property
atgApacheTimeout	settingValue

6.5. AtgApacheServerConfigFile**6.5.1. Overview**

AtgApacheServerConfigFile: *Location of the Apache server configuration file*

6.5.2. Design**Super Type**
[AtgApacheSetting](#)

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

6.5.3. Attributes

6.5.3.1. Exported Attributes

Name	Property
atgApacheServerConfigFile	settingValue

6.6. AtgApachePidFile

6.6.1. Overview

AtgApachePidFile: *Location of the Apache server process identifier file*

6.6.2. Design

Super Type

[AtgApacheSetting](#)

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

6.6.3. Attributes

6.6.3.1. Exported Attributes

Name	Property
atgApachePidFile	settingValue

6.7. AtgApachePath

6.7.1. Overview

AtgApachePath: *The value of the PATH environment variable used to run the Apache server*

6.7.2. Design

Super Type

[AtgApacheSetting](#)

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

6.7.3.1. Exported Attributes

Name	Property
atgApachePath	settingValue