

AtgApache

The Restoration Hardware AtgApache service

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1. Overview

[Open in Workbench](#)

AtgApache: *The Restoration Hardware AtgApache service*

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	AtgApache

3. Constraints

3.1. Allowed Child Dependencies

- [AtgApacheConf](#) 1
- [AtgApacheDocroot](#) 1
- [AtgApacheDynamoConfig](#) 1
- [AtgApacheDynamoManagerList](#) 1
- [AtgApacheDynamoPort](#) 1
- [AtgApacheHome](#) 1
- [AtgApacheHttpPort](#) 1
- [AtgApacheHttpsPort](#) 1
- [AtgApachePidfile](#) 1
- [AtgApacheSiteName](#) 1

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

3.2. Allowed Parent Dependencies

- Node
- Service

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default
dynamoConfig	dynamo.conf
httpPort	80
httpsPort	443

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. assertNotListening

the server is not listening on specified port

Usage

```
assertNotListening [-port <>] [-server <localhost>]
```

5.1.1. Options

Option	Description
port	<i>listening port</i>
server	<i>server address</i>

5.2. restartService

Gracefully restarts the httpd

Usage

```
restartService [-pidfile <>]
```

Execution	bash
Arguments	/usr/local/bin/sudo \${antdepo.home}/bin/ad-sh -M \${modules.dir}/AtgApache/lib/ad-sh -m init -c restart -- -pidfile \${opts.pidfile}

5.2.1. Options

Option	Description
pidfile	<i>file containing pid</i>

5.3. stopService

Stops the httpd process

Usage

```
stopService [-pidfile <>]
```

Execution	bash
Arguments	/usr/local/bin/sudo \${antdepo.home}/bin/ad-sh -M \${modules.dir}/AtgApache/lib/ad-sh -m init -c stop -- -pidfile \${opts.pidfile}

5.3.1. Options

Option	Description
pidfile	<i>file containing pid</i>

5.4. generateDynamoConf

generates the dynamo portion of the config

Usage

```
generateDynamoConf [-destfile <>] [-dynamomanagers <>]
[-dynamoport <>] [-template
<${module.dir}/templates/dynamo.conf.template>]
```

5.4.1. Options

Option	Description
destfile	<i>destination file</i>
dynamomanagers	<i>list of dynamomanagers</i>
dynamoport	<i>the dynamo port</i>
template	<i>dynamotemplate</i>

5.5. Configure

Configures the instance

Usage

Configure

5.5.1. Workflow

1. [mkdirs](#)

5.6. startService

Starts the httpd process

Usage

```
startService [-apache_base <>] [-apache_conf <>]
[-apache_home <>]
```

Execution	bash
Arguments	/usr/local/bin/sudo \${antdepo.home}/bin/ad-sh -M \${modules.dir}/AtgApache/lib/ad-sh -m init -c start -- -conf \${opts.apache_conf}

5.6.1. Options

Option	Description
apache_base	<i>apache instance dir</i>
apache_conf	<i>apache httpd.conf file</i>
apache_home	<i>apache install root</i>

5.7. assertServiceIsUp

Checks if apache process is running

Usage

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

Execution	bash
Arguments	\${antdepo.home}/bin/ad-sh -M \${modules.dir}/AtgApache/lib/ad-sh -m init -c up -- -pidfile \${opts.pidfile}

5.7.1. Options

Option	Description
pidfile	<i>file containing pid</i>

5.8. makedirs

makes directories

Usage

```
makedirs [-basedir <${user.home}/apache>] [-dirlist
<conf,run,logs>]
```

5.8.1. Options

Option	Description
basedir	<i>base directory</i>
dirlist	<i>directory list</i>

5.9. Restart

restarts the web server

Usage

Restart

5.9.1. Workflow

1. [assertServiceIsUp](#)
2. [restartService](#)

5.9.2. Error Handler

Command	startService
---------	------------------------------

5.10. assertServiceIsDown

Checks if apache process is down

Usage

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

Execution	bash
-----------	------

Arguments	<code>\${antdepo.home}/bin/ad-sh -M \${modules.dir}/AtgApache/lib/ad-sh -m init -c down -- -pidfile \${opts.pidfile}</code>
-----------	---

5.10.1. Options

Option	Description
pidfile	<i>file containing pid</i>

6. Related Types

The following types are defined for use with AtgApache.

6.1. AtgApacheDynamoManagerList

6.1.1. Overview

[Open in Workbench](#)

AtgApacheDynamoManagerList: *The DAS manager list*

6.1.2. Design

Super Type

[AtgApacheSetting](#)

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

6.1.3. Attributes

6.1.3.1. Exported Attributes

Name	Property
dynamomanagers	settingValue

6.2. AtgApacheHttpsPort

6.2.1. Overview

[Open in Workbench](#)

AtgApacheHttpsPort: An SSL apache http port

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
httpsPort	settingValue

6.3. AtgApachePidfile

6.3.1. Overview

[Open in Workbench](#)

AtgApachePidfile: *The AtgApache pid file*

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
pidfile	settingValue

6.4. AtgApacheSetting

6.4.1. Overview

[Open in Workbench](#)

AtgApacheSetting: *an AtgApache setting*

6.4.2. Design

Super Type Setting

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

6.4.3. Constraints

6.4.3.1. Allowed Parent Dependencies

- [AtgApache](#)

6.5. AtgApacheDocroot

6.5.1. Overview

[Open in Workbench](#)

AtgApacheDocroot: *The document root for apache*

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
documentRoot	settingValue

6.6. AtgApacheDynamoPort

6.6.1. Overview

[Open in Workbench](#)

AtgApacheDynamoPort: *an AtgApache Dynamo Port setting*

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
dynamoport	settingValue

6.7. AtgApacheHome

6.7.1. Overview

[Open in Workbench](#)

AtgApacheHome: *The server install home*

6.7.2. Design

Super Type

[AtgApacheSetting](#)

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

6.7.3. Attributes

6.7.3.1. Exported Attributes

Name	Property
apache_home	settingValue

6.8. AtgApacheSiteName

6.8.1. Overview

[Open in Workbench](#)

AtgApacheSiteName: *The server site name*

6.8.2. Design

Super Type

[AtgApacheSetting](#)

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

6.8.3. Attributes

6.8.3.1. Exported Attributes

Name	Property
siteName	settingValue

6.9. AtgApacheDynamoConfig

6.9.1. Overview

[Open in Workbench](#)

AtgApacheDynamoConfig: *The AtgApache dynamo.conf file*

6.9.2. Design

Super Type

[AtgApacheSetting](#)

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

6.9.3. Attributes

6.9.3.1. Exported Attributes

Name	Property
dynamoConfig	settingValue

6.10. AtgApacheHttpPort

6.10.1. Overview

[Open in Workbench](#)

AtgApacheHttpPort: *an HTTP Port setting*

6.10.2. Design

Super Type

[AtgApacheSetting](#)

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

6.10.3. Attributes

6.10.3.1. Exported Attributes

Name	Property
httpPort	settingValue

6.11. AtgApacheConf

6.11.1. Overview

[Open in Workbench](#)

AtgApacheConf: *The AtgApache httpd.conf file*

6.11.2. Design

Super Type

[AtgApacheSetting](#)

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

6.11.3. Attributes

6.11.3.1. Exported Attributes

Name	Property
apache_conf	settingValue