

ActiveMQ

An ActiveMQ deployment

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1. Overview

ActiveMQ: *An ActiveMQ deployment*

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	ActiveMQ

3. Constraints

3.1. Allowed Child Dependencies

- [ActiveMQSetting](#)
- [ActiveMQZip](#) 1
- [JavaBin](#) 1
- JavaHomePath1
- [PlatformZip](#)

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

4. Attributes

4.1. Exported Attributes

Name	Property
activemqBase	deployment-basedir
activemqHome	deployment-install-root

4.2. Defaults for Imported Attributes

Name	Default
activemqMgmtStrategy	default
activemqRelease	5.1
javaHome	\${env.JAVA_HOME}
jmxPort	1099
openwirePort	61616
rmiServerPort	2099
sslPort	61617
stompPort	61613
timeout	10

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. Update

run the update cycle

Usage
Update

5.1.1. Workflow

1. Stop
2. Configure
3. Start

5.2. Docs-Generate

generates all defined docs

Usage
Docs-Generate [-activemqbase <>] [-activemqhome <>]
[-javaHome <>] [-timeout <>]

Options

Option	Description
activemqbase	<i>activemq instance dir</i>
activemqhome	<i>activemq instance dir</i>
javaHome	<i>java home</i>
timeout	<i>Timeout in seconds</i>

5.3. Prepare

builds the deployment objects

Usage

Prepare [-packagetype <PlatformZip>]

5.3.1. Workflow

1. Packages-Install
2. Configure

Options

Option	Description
packagetype	<i>Platform packages to install</i>

5.4. assertServiceIsDown

checks if the service is down

Usage

assertServiceIsDown [-openwireport <>]

Options

Option	Description
openwireport	<i>listening port</i>

5.5. assertServiceIsUp

checks if the service is running

Usage

assertServiceIsUp [-openwireport <>]

Options

Option	Description
openwireport	<i>listening port</i>

5.6. startService

starts the service

Usage

```
startService [-activemqbase <>] [-activemqhome <>]
[-javahome <>] [-timeout <>]
```

Options

Option	Description
activemqbase	<i>activemq base</i>
activemqhome	<i>activemq home</i>
javahome	<i>jre install dir</i>
timeout	<i>Timeout in seconds</i>

5.7. stopService

stops the service

Usage

```
stopService [-activemqbase <>] [-activemqhome <>] [-javahome
<>] [-timeout <>]
```

Options

Option	Description
activemqbase	<i>activemq base</i>
activemqhome	<i>activemq home</i>
javahome	<i>jre install dir</i>
timeout	<i>Timeout in seconds</i>

6. Related Types

The following types are defined for use with ActiveMQ.

6.1. ActiveMQSetting

6.1.1. Overview

ActiveMQSetting: *ActiveMQ configuration setting*

6.1.2. Design

Super Type
Setting

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

6.2. ActivemqRelease

6.2.1. Overview

ActivemqRelease: *ActiveMQ Server Release*

6.2.2. Design

Super Type
[ActiveMQSetting](#)

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

6.2.3. Constraints

6.2.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.2.4. Attributes

6.2.4.1. Exported Attributes

Name	Property
activemqRelease	settingValue

6.3. ActivemqMgmtStrategy

6.3.1. Overview

ActivemqMgmtStrategy: *Specifies the ActiveMQ Management Strategy*

6.3.2. Design

Super Type

[ActiveMQSetting](#)

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

6.3.3. Constraints

6.3.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.3.4. Attributes

6.3.4.1. Exported Attributes

Name	Property
activemqMgmtStrategy	settingValue

6.4. ActiveMQJMXPort

6.4.1. Overview

ActiveMQJMXPort: *ActiveMQ JMX port*

6.4.2. Design

Super Type

[ActiveMQSetting](#)

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

6.4.3. Constraints

6.4.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.4.4. Attributes

6.4.4.1. Exported Attributes

Name	Property
jmxPort	settingValue

6.5. ActiveMQOpenwirePort

6.5.1. Overview

ActiveMQOpenwirePort: *ActiveMQ Openwire port*

6.5.2. Design

Super Type

[ActiveMQSetting](#)

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

6.5.3. Constraints

6.5.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.5.4. Attributes

6.5.4.1. Exported Attributes

Name	Property
openwirePort	settingValue

6.6. ActiveMQSSLPort

6.6.1. Overview

ActiveMQSSLPort: *ActiveMQ SSL port*

6.6.2. Design

Super Type

[ActiveMQSetting](#)

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

6.6.3. Constraints

6.6.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.6.4. Attributes

6.6.4.1. Exported Attributes

Name	Property
sslPort	settingValue

6.7. ActiveMQStompPort

6.7.1. Overview

ActiveMQStompPort: *ActiveMQ Stomp port*

6.7.2. Design

Super Type

[ActiveMQSetting](#)

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

6.7.3. Constraints

6.7.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.7.4. Attributes

6.7.4.1. Exported Attributes

Name	Property
stompPort	settingValue

6.8. ActiveMQRmiServerPort

6.8.1. Overview

ActiveMQRmiServerPort: *ActiveMQ RMI Server port*

6.8.2. Design

Super Type

[ActiveMQSetting](#)

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

6.8.3. Constraints

6.8.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.8.4. Attributes

6.8.4.1. Exported Attributes

Name	Property
rmiServerPort	settingValue

6.9. ActiveMQTimeout

6.9.1. Overview

ActiveMQTimeout: *Shutdown timeout period in seconds*

6.9.2. Design

Super Type

[ActiveMQSetting](#)

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

6.9.3. Constraints

6.9.3.1. Allowed Parent Dependencies

- [ActiveMQ](#)

6.9.4. Attributes

6.9.4.1. Exported Attributes

Name	Property
timeout	settingValue