

TomcatSite

Centralized management for a set of Tomcat based application server instances and contexts.

Table of contents

1 Overview.....	2
2 Design.....	2
3 Constraints.....	2
3.1 Allowed Child Dependencies.....	2
3.2 Allowed Parent Dependencies.....	3
4 Attributes.....	3
4.1 Exported Attributes.....	3
4.2 Defaults for Imported Attributes.....	3
5 Commands.....	3
5.1 Update.....	4
5.2 Packages-Install.....	4

1. Overview

TomcatSite: *Centralized management for a set of Tomcat based application server instances and contexts.*

2. Design

Super Type Site

Role	Concrete. (Objects can be created.)
Instance Names	Unique
Notification	false
Template Directory	
Data View	Children, proximity: 1
Logger Name	TomcatSite

3. Constraints

3.1. Allowed Child Dependencies

- DefaultAllowMultiplePackageMatches1
- DefaultDeploymentType1
- DefaultFailIfPackageNotReplaced1
- DefaultPackageName1
- DefaultPackageType1
- DispatchBaseType1
- DispatchChangeDependencies1
- DispatchExecutionStrategy1
- DispatchOptions1
- DispatchResourceName1
- DispatchResourceType1
- DispatchSortOrder1
- DispatchThreadCount1
- [TomcatContext](#)
- [TomcatServer](#)

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

3.2. Allowed Parent Dependencies

- Node
- Site
- Updater

4. Attributes

4.1. Exported Attributes

Name	Property
basedir	deployment-basedir
install-root	deployment-install-root

4.2. Defaults for Imported Attributes

Name	Default
defaultAllowMultiplePackageMatches	false
defaultDeploymentType	Deployment
defaultFailIfPackageNotReplaced	true
defaultPackageName	^\$
defaultPackageType	Package
dispatchBaseType	(?:deployment service mediator)
dispatchChangeDependencies	false
dispatchExecutionStrategy	localdispatch
dispatchOptions	
dispatchResourceName	.*
dispatchResourceType	[^\.]*
dispatchSortOrder	ascending
threadCount	1

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

Usage

```
Update -buildstamp <> [-resourcename <.*>] [-resourcetype <[^\.]*>]
```

5.1.1. Workflow

1. Change-Dependencies
2. Deploy

Options

Option	Description
buildstamp	<i>buildstamp</i>
resourcename	<i>resource name pattern</i>
resourcetype	<i>resource type name</i>

5.2. Packages-Install

Dispatch package installation to the site's resources.

Usage

```
Packages-Install [-command <Packages-Install>]  
[-resourcename <.*>] [-resourcetype <[^\.]*>]
```

5.2.1. Workflow

1. dispatchCmd

Options

Option	Description
command	<i>command to dispatch</i>
resourcename	<i>resource name pattern</i>

resourcetype	<i>resource type name</i>
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