

AtgSite

Controls the ATG Site

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1. Overview

AtgSite: Controls the ATG Site

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	

3. Constraints

3.1. Allowed Child Dependencies

- [AtgApacheServer](#)
- [AtgAppServer](#)
- AtgAppServerCollection
- [AtgDynamo](#)
- [AtgRdb](#) 1
- [AtgSite](#)
- [AtgSiteSSHUser](#) 1
- DefaultAllowMultiplePackageMatches1
- DefaultDeploymentType
- DefaultFailIfPackageNotReplaced1
- DefaultPackageName1
- DefaultPackageType1
- Deployment
- DispatchBaseType1
- DispatchChangeDependencies1
- DispatchExecutionStrategy1
- DispatchOptions1
- DispatchResourceName1

- DispatchResourceType1
- DispatchSortOrder1
- DispatchThreadCount1

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. Defaults for Imported Attributes

Name	Default
defaultAllowMultiplePackageMatches	false
defaultDeploymentType	Deployment
defaultFailIfPackageNotReplaced	true
defaultPackageName	^\$
defaultPackageType	AtgEar
dispatchBaseType	(?:deployment service mediator)
dispatchChangeDependencies	false
dispatchExecutionStrategy	nodedispatch
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. Deploy

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

Usage

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

5.1.1. Workflow

1. Stop
2. Packages-Install
3. Configure
4. Start

Options

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

5.2. GetDatasourceName

Calls ATG application servers to lookup the currently configured datasource.

Usage

```
GetDatasourceName [-command <getDatasourceName>]
[-resourcename <.*>] [-resourcetype
<AtgDasServer|AtgJBossServer>]
```

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>

5.3. Switch-Datasource

Calls ATG application servers to switch to the specified datasource.

Usage

```
Switch-Datasource [-command <Switch-Datasource>] -datasource
<> [-dispatchOptions <datasource>] [-resourcename <.*>]
[-resourcetype <AtgDasServer|AtgJBossServer>]
```

5.3.1. Workflow

1. dispatchCmd

Options

Option	Description
command	<i>command to dispatch</i>
datasource	<i>Datasource to switch to</i>
dispatchOptions	<i>Options to dispatch</i>
resourcename	<i>resource name pattern</i>
resourcetype	<i>resource type name</i>

5.4. Rdbms-SchemasExportDmp

Tells AtgRdb instances to export their schemas

Usage

```
Rdbms-SchemasExportDmp -buildstamp <> [-command
<Schemas-ExportDmp>] [-resourcetype <AtgRdb>] [-threadcount
<1>]
```

5.4.1. Workflow

1. dispatchCmd

Options

Option	Description
--------	-------------

buildstamp	<i>Unique build identifier</i>
command	<i>Command to dispatch</i>
resourcetype	<i>Type of resource to dispatch</i>
threadcount	<i>Number of concurrent threads to execute</i>

5.5. RdbS-SchemasImportDmp

tells AtgRdb instances to import their schemas

Usage

```
RdbS-SchemasImportDmp -buildstamp <> [-rdb <>] -schematype <>
```

Options

Option	Description
buildstamp	<i>Unique build and update identifier</i>
rdb	<i>the rdb instance</i>
schematype	<i>schema type to import</i>

5.6. RdbS-SwitchSchemaBinding

tells AtgRdb instances to switch their schemas

Usage

```
RdbS-SwitchSchemaBinding [-fromschema <>] [-rdb <>]
-schematype <> -toschema <>
```

Options

Option	Description
fromschema	<i>schema to switch from</i>
rdb	<i>the rdb instance</i>
schematype	<i>schema type to import</i>
toschema	<i>schema to switch to</i>

6. Related Types

The following types are defined for use with AtgSite.

6.1. AtgSiteSetting

6.1.1. Overview

AtgSiteSetting: *General AtgSite settings*

6.1.2. Design

Super Type Setting

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

6.1.3. Attributes

6.2. AtgSiteSSHUser

6.2.1. Overview

AtgSiteSSHUser: *The Setting which overrides the default ssh user when executing remote commands*

6.2.2. Design

Super Type [AtgSiteSetting](#)

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

6.2.3. Attributes

6.2.3.1. Exported Attributes

Name	Property
SSHUser	settingValue