AtgDataBuilder

General purpose ATG data builder

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1. Overview

AtgDataBuilder: *General purpose ATG data builder*

2. Design

Super Type
AtgBuilder

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

3. Constraints

3.1. Allowed Child Dependencies

- AtgRdb
- 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

- CruiseControl
- Node
- Updater

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4. 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.

4.1. Build

Export all database schema associated with the AtgRdb resource adding dump files to the repository

Usage

```
Build -buildstamp <> [-command <Schemas-ExportDmp>]
[-resourcetype <Atg.*Rdb>]
```

4.1.1. Workflow

1. dispatchCmd

Options

Option	Description
`buildstamp`	*Unique build identifier*
`command`	*Command to dispatch*
`resourcetype`	*Type of resource to dispatch*

4.2. Deploy

Dispatch the deployment cycle to the associated database instances

Usage

```
Deploy [-command <Deploy>]
```

4.2.1. Workflow

1. dispatchCmd

Options

Option	Description
`command`	*Command to dispatch*

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4.3. Packages-List

Lists package objects associated with an optional buildstamp

Usage

```
Packages-List [-buildstamp <.*>]
```

4.3.1. Workflow

1. repoFind

Options

Option	Description
buildstamp	*Universally unique build identifier*

4.4. Packages-Purge

Finds and deletes package objects and files in the repository associated with a given buildstamp

Usage

```
Packages-Purge [-buildstamp <.*>]
```

4.4.1. Workflow

1. repoFind
2. repoPurge

Options

Option	Description
buildstamp	*Universally unique build identifier*

4.5. repoFind

find package objects in the repository

Usage

```
repoFind [-buildstamp <.*>] [-buildtime <.*>] [-packagetype
<AtgRdbData>] [-session <find.session>]
```

Options

Option	Description
buildstamp	

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buildtime	
packagetype	
session	

4.6. repoPurge

remove package objects from the repository

Usage

```
repoPurge [-buildstamp <>] [-packagename <.*>] [-packagetype
<[^.]*>] [-session <find.session>]
```

Options

Option	Description
buildstamp	*Universally unique build identifier (not used)*
packagename	
packagetype	
session	

4.7. dispatchCmd

dispatches command to resource

Usage

```
dispatchCmd [-buildstamp <>] -command <> [-dispatchOptions
<>] [-keepgoing] [-resourcename <.*>] [-resourceorder
<[^\.]*>] [-resourcetype <[^\.]*>] [-sortorder <ascending>]
[-strategy <nodedispatch>] [-threadcount <1>]
```

Options

Option	Description
buildstamp	*Unique build and deployment identifier*
command	*command to dispatch*
dispatchOptions	*extra options to pass*
keepgoing	*If true, all iterations of the called workflow will be executed, even if a task in one or more of them fails.*

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`resourcename`	*resource name pattern*
`resourceorder`	*resource order name*
`resourcetype`	*resource type name*
`sortorder`	*order to sort resources*
`strategy`	*Execution dispatch strategy*
`threadcount`	*Number of concurrent threads to dispatch*

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