



Deployment Automation Command Line Interface Reference

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About This Documentation

This documentation is a reference for the Deployment Automation command line interface and is intended for users or administrators who want to use Deployment Automation from the command line, through scripts, or to integrate with other products.

Command Line Client (CLI)

CLI is a command-line interface that provides access to the Deployment Automation server. It can be used to find or set properties and perform numerous functions.

Installing the Command Line Client

To install the command line client, simply download and extract the files.

The command line client must be downloaded separately from the server installer. The typical file name is `DA-Clientx.x.x.zip`, where `x.x.x` is the version.

The extracted files include the `da` directory. In this directory are the following:

- `da-client.cmd` and shell files for Windows and Unix/Linux respectively
- `lib` directory that contains the command line client's executable `.jar` files

Command Format

To perform a command, open a command window and invoke `da-client` along with the command and parameters.

Commands have the following format:

```
da-client [global-args...] [global-flags...]  
<command> [args...]
```

The global arguments are:

Table 1. Global Arguments

Argument	Description
<code>-authtoken, -authtoken</code>	Optional. Can be set using the environment variable <code>DS_AUTH_TOKEN</code> . An authentication token generated by the server. Either an <code>authtoken</code> or a username and password is required.
<code>-password, -password</code>	Optional. Can be set using the environment variable <code>DS_PASSWORD</code> . A password to authenticate with the server. Either an <code>authtoken</code> or a username and password is required.

Argument	Description
<code>-username, -username</code>	Optional. Can be set using the environment variable DS_USERNAME. A username to authenticate with the server. Either an authToken or a username and password is required.
<code>-weburl, -weburl</code>	Required. Can be set using the environment variable DS_WEB_URL. The base URL of the Deployment Automation server. For example: "http://serverName:8080/da"

The global flags are:

Table 2. Global Flags

Flag	Description
<code>-t, -getTemplate</code>	Show the JSON template for the command instead of running the command. If a file argument is provided, the template will be output to that file.
<code>-h, -help</code>	Print the full description and help of the given command instead of running the command.
<code>-v, -verbose</code>	Print extra information during execution.



Note: CLI commands and parameters are case sensitive.

Running Commands

From the command line or in a batch or shell file, execute commands with the required global and optional global arguments plus any necessary options.

Example Command

Here is an example of a CLI command using the `getResources` command and a Common Tomcat application server default port:

```
da-client -weburl "http://serverName:8080/da"  
-username admin -password admin getResources
```



Note: CLI commands do not support new lines. Sample entries are broken for display purposes only.



Tip:

The command line client is a Java application. You may need to set your `JAVA_HOME` environment variable to run the commands from the command line. For example:

```
JAVA_HOME=C:\Program Files\Micro Focus\common\jre\8.0
```

Commands

The available CLI commands follow in alphabetical order.

addActionToRoleForApplications

Add action to a role for applications.

Format

```
da-client [global-args...] [global-flags...]  
addActionToRoleForApplications [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

```
-action, --action  
    Required. Name of the action
```

addActionToRoleForComponents

Add action to a role for components

Format

```
da-client [global-args...] [global-flags...]  
addActionToRoleForComponents [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

```
-action, --action  
  Required. Name of the action
```

addActionToRoleForEnvironments

Add action to a role for environments

Format

```
da-client [global-args...] [global-flags...]  
addActionToRoleForEnvironments [args...]
```

Options

```
-role, --role  
  Required. Name of the role
```

```
-action, --action  
  Required. Name of the action
```

addActionToRoleForResources

Add action to a role for resources

Format

```
da-client [global-args...] [global-flags...]  
addActionToRoleForResources [args...]
```

Options

```
-role, --role  
  Required. Name of the role
```

```
-action, --action  
  Required. Name of the action
```

addActionToRoleForUI

Add action to a role for the UI

Format

```
da-client [global-args...] [global-flags...]  
addActionToRoleForUI [args...]
```

Options

`-role, --role`
Required. Name of the role

`-action, --action`
Required. Name of the action

addComponentToApplication

Add a component to an Application.

Format

```
da-client [global-args...] [global-flags...]  
addComponentToApplication [args...]
```

Options

`-component, --component`
Required. Name of the component to add

`-application, --application`
Required. Name of the application to add it to.

addGroupToRoleForApplication

Add a group to a role for an application

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForApplication [args...]
```

Options

`-group, --group`
Required. Name of the group

`-role, --role`
Required. Name of the role

`-application, --application`
Required. Name of the application

addGroupToRoleForComponent

Add a group to a role for a component

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForComponent [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-component, --component  
    Required. Name of the component
```

addGroupToRoleForEnvironment

Add a group to a role for an environment

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForEnvironment [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-application, --application  
    Required. Name of the application  
  
-environment, --environment  
    Required. Name of the environment
```

addGroupToRoleForResource

Add a group to a role for a resource

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForResource [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-resource, --resource  
    Required. Name of the resource
```

addGroupToRoleForResourceGroup

Add a security group to a role for a resource group

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForResourceGroup [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-resourceGroup, --resourceGroup  
    Required. Name of the resource group
```

addGroupToRoleForUI

Add a group to a role for the UI.

Format

```
da-client [global-args...] [global-flags...]  
addGroupToRoleForUI [args...]
```

Options

`-group, --group`
Required. Name of the group

`-role, --role`
Required. Name of the role

addLicense

Add a license to the server.

Format

```
da-client [global-args...] [global-flags...]
addLicense [args...]
```

Options

No options for this command.

addNameConditionToGroup

Add a name condition to a resource group. Only works with dynamic groups.

Format

```
da-client [global-args...] [global-flags...]
addNameConditionToGroup [args...]
```

Options

`-comparison, --comparison`
Required. Type of the comparison

`-value, --value`
Required. Value of the comparison

`-group, --group`
Required. Path of the parent resource group

addPropertyConditionToGroup

Add a property condition to a resource group. Only works with dynamic groups.

Format

```
da-client [global-args...] [global-flags...]  
addPropertyConditionToGroup [args...]
```

Options

```
-property, --property  
    Required. Name of the property  
  
-comparison, --comparison  
    Required. Type of the comparison  
  
-value, --value  
    Required. Value of the comparison  
  
-group, --group  
    Required. Path of the parent resource group
```

addResourceToGroup

Add a resource to a resource group. Only works with static groups.

Format

```
da-client [global-args...] [global-flags...]  
addResourceToGroup [args...]
```

Options

```
-resource, --resource  
    Required. Name of the resource to add  
  
-group, --group  
    Required. Path of the resource group to add to
```

addRoleToResource

Add a role to a resource.

Format

```
da-client [global-args...] [global-flags...]  
addRoleToResource [args...]
```

Options

- resource, --resource
Required. Name of the parent resource.
- role, --role
Required. Name of the new resource.

addRoleToResourceWithProperties

Add a role to a resource. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
addRoleToResourceWithProperties [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

addUserToGroup

Add a user to a group

Format

```
da-client [global-args...] [global-flags...]  
addUserToGroup [args...]
```

Options

- user, --user
Required. Name of the user
- group, --group
Required. Name of the group

addUserToRoleForApplication

Add a user to a role for an application

Format

```
da-client [global-args...] [global-flags...]  
addUserToRoleForApplication [args...]
```

Options

```
-user, --user  
    Required. Name of the user  
  
-role, --role  
    Required. Name of the role  
  
-application, --application  
    Required. Name of the application
```

addUserToRoleForComponent

Add a user to a role for a component

Format

```
da-client [global-args...] [global-flags...]  
addUserToRoleForComponent [args...]
```

Options

```
-user, --user  
    Required. Name of the user  
  
-role, --role  
    Required. Name of the role  
  
-component, --component  
    Required. Name of the component
```

addUserToRoleForEnvironment

Add a user to a role for an environment

Format

```
da-client [global-args...] [global-flags...]  
addUserToRoleForEnvironment [args...]
```

Options

- user, --user
Required. Name of the user

- role, --role
Required. Name of the role

- application, --application
Required. Name of the application

- environment, --environment
Required. Name of the environment

addUserToRoleForResource

Add a user to a role for a resource

Format

```
da-client [global-args...] [global-flags...]  
addUserToRoleForResource [args...]
```

Options

- user, --user
Required. Name of the user

- role, --role
Required. Name of the role

- resource, --resource
Required. Name of the resource

addUserToRoleForResourceGroup

Add a user to a role for a resource group

Format

```
da-client [global-args...] [global-flags...]  
addUserToRoleForResourceGroup [args...]
```

Options

- user, --user
Required. Name of the user

```
-role, --role
  Required. Name of the role

-resourceGroup, --resourceGroup
  Required. Name of the resource group
```

addUserToRoleForUI

Add a user to a role for the UI

Format

```
da-client [global-args...] [global-flags...]
addUserToRoleForUI [args...]
```

Options

```
-user, --user
  Required. Name of the user

-role, --role
  Required. Name of the role
```

addVersionFiles

Upload files to a version

Format

```
da-client [global-args...] [global-flags...]
addVersionFiles [args...]
```

Options

```
-component, --component
  Optional. Name/ID of the component (Only required if not using version ID)

-version, --version
  Required. Name/ID of the version

-base, --base
  Required. Local base directory for upload.
  All files inside this will be sent.

-offset, --offset
  Optional. Target path offset (the directory in the version files
  to which these files should be added)
```

- `-include, --include`
Optional. An include file pattern for selecting files to add (may be repeated)

- `-exclude, --exclude`
Optional. An exclude file pattern for excluding files (may be repeated). Overrides includes.

- `-saveExecuteBits, --saveExecuteBits`
Optional. Saves execute bits for files.

addVersionStatus

Add a status to a version

Format

```
da-client [global-args...] [global-flags...]
addVersionStatus [args...]
```

Options

- `-component, --component`
Optional. Name/ID of the component (Only required if not using version ID)

- `-version, --version`
Required. Name/ID of the version

- `-status, --status`
Required. Name of the status to apply

createAgentPool

Create an agent pool. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]
createAgentPool [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

createApplication

Create a new application. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
createApplication [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

createApplicationProcess

Create a new application process. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
createApplicationProcess [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

createCommand

Create a new component. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
createCommand [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

createCommandProcess

Create a new component process. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
createCommandProcess [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

createDynamicResourceGroup

Create a new static resource group.

Format

```
da-client [global-args...] [global-flags...]  
createDynamicResourceGroup [args...]
```

Options

`-path, --path`
Required. Path to add the resource group to (parent resource group path).

`-name, --name`
Required. Name of the new resource group.

createEnvironment

Associate an environment with an application.



Important:

This command was deprecated in Deployment Automation version 5.0, when the product was changed to enable environments to be created at the global level. The command can no longer be used to create environments. However, you can still use it to add existing environments to applications.

For example, the following command would add the `PROD` environment to the `QSocial` application.

```
da-client -weburl "http://serverName:8080/da" -username admin -  
password admin createEnvironment -application QSocial -name PROD
```

You cannot use this command for any other purpose in Deployment Automation version 5.0 or higher.

Format

```
da-client [global-args...] [global-flags...]  
createEnvironment [args...]
```

Options

`-application, --application`
Required. Application to add the environment to.

`-name, --name`
Required. Name of the environment.

createGroup

Add a new group

Format

```
da-client [global-args...] [global-flags...]  
createGroup [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-authorizationRealm, --authorizationRealm  
    Required. Name of the authorization realm
```

createMapping

Create a new mapping.

Format

```
da-client [global-args...] [global-flags...]  
createMapping [args...]
```

Options

```
-environment, --environment  
    Required. The environment for the mapping.  
  
-component, --component  
    Required. The component for the mapping.  
  
-resourceGroupPath, --resourceGroupPath  
    Required. The resource group for the mapping, if not using a  
    resource.  
  
-resource, --resource  
    Optional. The resource for the mapping, if not using a group.  
  
-application, --application  
    Optional. The application for the mapping.  
    Only necessary if specifying env name instead of id.
```

createResource

Create a new resource.

Format

```
da-client [global-args...] [global-flags...]  
createResource [args...]
```

Options

```
-parentAgent, --parentAgent  
  Optional. Name or ID of the parent agent. One of parentAgent,  
  parentResource, parentAgentPool or source must be specified.  
  
-parentResource, --parentResource  
  Optional. Name or ID of the parent resource or agent.  
  
-parentAgentPool, --parentAgentPool  
  Optional. Name or ID of the parent agent pool.  
  
-name, --name  
  Required. Name of the new resource.  
  
-description, --description  
  Optional. Description of the resource.  
  
-source, --source  
  Optional. Name of a subresource to copy.
```

createResourceGroup

Create a new static resource group.

Format

```
da-client [global-args...] [global-flags...]  
createResourceGroup [args...]
```

Options

```
-path, --path  
  Required. Path to add the resource group to (parent resource group path).  
  
-name, --name  
  Required. Name of the new resource group.
```

createRoleForApplications

Create a role for applications

Format

```
da-client [global-args...] [global-flags...]  
createRoleForApplications [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

createRoleForComponents

Create a role for components

Format

```
da-client [global-args...] [global-flags...]  
createRoleForComponents [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

createRoleForEnvironments

Create a role for environments

Format

```
da-client [global-args...] [global-flags...]  
createRoleForEnvironments [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

createRoleForResources

Create a role for resources

Format

```
da-client [global-args...] [global-flags...]  
createRoleForResources [args...]
```

Options

`-role, --role`
Required. Name of the role

createRoleForUI

Create a role for the UI

Format

```
da-client [global-args...] [global-flags...]
createRoleForUI [args...]
```

Options

`-role, --role`
Required. Name of the role

createUser

Add a new user This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]
createUser [args...] [-] [filename]
```

`-`
Read JSON input from the stdin. See command for requirements.

`filename`
Read JSON input from a file with the given filename.
See command for requirements.

Options

No options for this command.

createVersion

Create a new version for a component

Format

```
da-client [global-args...] [global-flags...]
createVersion [args...]
```

Options

`-component, --component`
Required. Name/ID of the component

`-name, --name`
Required. Name of the new version

deleteAgent

Delete an agent

Format

```
da-client [global-args...] [global-flags...]
deleteAgent [args...]
```

Options

`-agent, --agent`
Required. Name or ID of the agent to look up

deleteAgentPool

Delete an agent pool

Format

```
da-client [global-args...] [global-flags...]
deleteAgentPool [args...]
```

Options

`-pool, --pool`
Required. Name or ID of the agent pool

deleteAgentProperty

Remove a property from an agent

Format

```
da-client [global-args...] [global-flags...]
deleteAgentProperty [args...]
```

Options

`-agent, --agent`
Required. Name or ID of the agent to configure

`-name, --name`
Required. Name of the property

deleteGroup

Delete a group

Format

```
da-client [global-args...] [global-flags...]
deleteGroup [args...]
```

Options

`-group, --group`
Required. Name of the group

deleteResource

Delete resource

Format

```
da-client [global-args...] [global-flags...]
deleteResource [args...]
```

Options

`-resource, --resource`
Required. Name of the resource to look up

deleteResourceGroup

null

Format

```
da-client [global-args...] [global-flags...]
deleteResourceGroup [args...]
```

Options

`-group, --group`
Required. Path of the resource group to delete

deleteResourceProperty

Remove a custom property from a resource

Format

```
da-client [global-args...] [global-flags...]
deleteResourceProperty [args...]
```

Options

`-resource, --resource`
Required. Name of the resource to configure

`-name, --name`
Required. Name of the property

deleteUser

Delete a user

Format

```
da-client [global-args...] [global-flags...]
deleteUser [args...]
```

Options

`-user, --user`
Required. Name of the user

exportGroup

Add a new group

Format

```
da-client [global-args...] [global-flags...]
exportGroup [args...]
```

Options

`-group, --group`
Required. Name of the group

getAgent

Get a JSON representation of an agent

Format

```
da-client [global-args...] [global-flags...]  
getAgent [args...]
```

Options

`-agent, --agent`
Required. Name or ID of the agent to look up

getAgentPool

Get a JSON representation of an agent pool

Format

```
da-client [global-args...] [global-flags...]  
getAgentPool [args...]
```

Options

`-pool, --pool`
Required. Name of the agent pool to look up

getAgentPools

Get a JSONArray representation of all agent pools

Format

```
da-client [global-args...] [global-flags...]  
getAgentPools [args...]
```

Options

`-active, --active`
Optional. List active agent pools. Default true

`-inactive, --inactive`
Optional. List inactive agent pools. Default true

getAgentProperty

Get the value of a property on an agent

Format

```
da-client [global-args...] [global-flags...]
getAgentProperty [args...]
```

Options

`-agent, --agent`
Required. Name or ID of the agent

`-name, --name`
Required. Name of the property

getAgents

Get a JSONArray representation of all agents

Format

```
da-client [global-args...] [global-flags...]
getAgents [args...]
```

Options

`-active, --active`
Optional. List active agents. Default true

`-inactive, --inactive`
Optional. List inactive agents. Default false

getApplication

Get a JSON representation of an application

Format

```
da-client [global-args...] [global-flags...]
getApplication [args...]
```

Options

`-application, --application`
Required. Name of the application to look up.

getApplicationProcess

Get a JSON representation of an Application Process

Format

```
da-client [global-args...] [global-flags...]
getApplicationProcess [args...]
```

Options

`-application, --application`
Required. Name of the application

`-applicationProcess, --applicationProcess`
Required. Name of the process

getApplicationProcessRequestStatus

Get the status for an application request.

Format

```
da-client [global-args...] [global-flags...]
getApplicationProcessRequestStatus [args...]
```

Options

`-request, --request`
Required. ID of the application process request to view

getApplicationProperties

Get the value for an application property

Format

```
da-client [global-args...] [global-flags...]
getApplicationProperties [args...]
```

Options

`-application, --application`
Required. Name or ID of the application

getApplicationProperty

Get the value of a custom property on an application

Format

```
da-client [global-args...] [global-flags...]
getApplicationProperty [args...]
```

Options

`-application, --application`
Required. Name or ID of the application

`-name, --name`
Required. Name of the property

getApplications

Get a JSONArray representation of all applications

Format

```
da-client [global-args...] [global-flags...]
getApplications [args...]
```

Options

`-active, --active`
Optional. List active applications. Default true

`-inactive, --inactive`
Optional. List inactive applications. Default false

getComponent

Get a JSON representation of a component

Format

```
da-client [global-args...] [global-flags...]
getComponent [args...]
```

Options

`-component, --component`
Required. Name of the component to look up

getComponentEnvironmentProperties

Get the value for a component property

Format

```
da-client [global-args...] [global-flags...]
getComponentEnvironmentProperties [args...]
```

Options

`-component, --component`
Required. Name or ID of the component

`-environment, --environment`
Required. Name or ID of the environment

`-application, --application`
Optional. Name or ID of the application

getComponentEnvironmentProperty

Get the value of a custom property on a component

Format

```
da-client [global-args...] [global-flags...]
getComponentEnvironmentProperty [args...]
```

Options

`-name, --name`
Required. Name of the property to look up

`-component, --component`
Required. Name or ID of the component

`-environment, --environment`
Required. Name or ID of the environment

`-application, --application`
Optional. Name or ID of the application

GetComponentProcess

Get a JSON representation of a componentProcess

Format

```
da-client [global-args...] [global-flags...]  
GetComponentProcess [args...]
```

Options

```
-component, --component  
    Required. Name of the component  
  
-componentProcess, --componentProcess  
    Required. Name of the component
```

GetComponentProperties

Get the value for a component property

Format

```
da-client [global-args...] [global-flags...]  
GetComponentProperties [args...]
```

Options

```
-component, --component  
    Required. Name of the component
```

GetComponentProperty

Get the value of a custom property on a component

Format

```
da-client [global-args...] [global-flags...]  
GetComponentProperty [args...]
```

Options

```
-component, --component  
    Required. Name of the component  
  
-name, --name  
    Required. Name of the property
```

getComponents

Get a JSONArray representation of all components

Format

```
da-client [global-args...] [global-flags...]  
getComponents [args...]
```

Options

```
-active, --active  
    Optional. List active components. Default true  
  
-inactive, --inactive  
    Optional. List inactive components. Default false
```

getComponentsInApplication

Get all components in an application

Format

```
da-client [global-args...] [global-flags...]  
getComponentsInApplication [args...]
```

Options

```
-application, --application  
    Required. Name of the application to get components for
```

getEnvironment

Get a JSON representation of an environment

Format

```
da-client [global-args...] [global-flags...]  
getEnvironment [args...]
```

Options

```
-environment, --environment  
    Required. Name or ID of the environment to look up  
  
-application, --application  
    Name of the application. Required if using the environment name;  
    optional if using the environment ID
```

getEnvironmentProperties

Get the value for an environment property

Format

```
da-client [global-args...] [global-flags...]
getEnvironmentProperties [args...]
```

Options

```
-environment, --environment
    Required. Name or ID of the environment

-application, --application
    Name of the application. Required if using the environment name;
    optional if using the environment ID
```

getEnvironmentProperty

Get the value of a custom property on an environment

Format

```
da-client [global-args...] [global-flags...]
getEnvironmentProperty [args...]
```

Options

```
-name, --name
    Required. Name of the property to look up

-environment, --environment
    Required. Name or ID of the environment

-application, --application
    Name of the application. Required if using the environment name;
    optional if using the environment ID
```

getEnvironmentsInApplication

Get all environments in an application

Format

```
da-client [global-args...] [global-flags...]
getEnvironmentsInApplication [args...]
```

Options

`-application, --application`
Required. Name of the application to get environments for

`-active, --active`
Optional. List active environments. Default true

`-inactive, --inactive`
Optional. List inactive environments. Default false

getGroupsForResource

Get a JSONArray representation of all the groups a resource belongs to

Format

```
da-client [global-args...] [global-flags...]
getGroupsForResource [args...]
```

Options

`-resource, --resource`
Required. Name or ID of the resource

getMapping

Get a JSON representation of a mapping

Format

```
da-client [global-args...] [global-flags...]
getMapping [args...]
```

Options

`-mapping, --mapping`
Required. ID of the mapping to look up

getResource

Get a JSON representation of a resource

Format

```
da-client [global-args...] [global-flags...]
getResource [args...]
```

Options

`-resource, --resource`
Required. Name of the resource to look up

getResourceGroup

Get a JSON representation of a resource group

Format

```
da-client [global-args...] [global-flags...]
getResourceGroup [args...]
```

Options

`-group, --group`
Required. Path of the resource group to show

getResourceGroups

Get a JSONArray representation of all resource groups

Format

```
da-client [global-args...] [global-flags...]
getResourceGroups [args...]
```

Options

No options for this command.

getResourceProperties

Get the value for a resource property

Format

```
da-client [global-args...] [global-flags...]
getResourceProperties [args...]
```

Options

`-resource, --resource`
Required. Name of the resource

getResourceProperty

Get the value of a custom property on a resource

Format

```
da-client [global-args...] [global-flags...]
getResourceProperty [args...]
```

Options

```
-resource, --resource
    Required. Name of the resource

-name, --name
    Required. Name of the property
```

getResources

Get a JSONArray representation of all resources

Format

```
da-client [global-args...] [global-flags...]
getResources [args...]
```

Options

```
-active, --active
    Optional. List active resources. Default true

-inactive, --inactive
    Optional. List inactive resources. Default false
```

getResourceSecurity

Get a list of security roles for a resource and their members

Format

```
da-client [global-args...] [global-flags...]
getResourceSecurity [args...]
```

Options

```
-resource, --resource
    Required. Name or ID of the resource
```

getResourcesInGroup

Get a JSONArray representation of all resources in a group

Format

```
da-client [global-args...] [global-flags...]
getResourcesInGroup [args...]
```

Options

```
-group, -group
    Required. Path of the resource group

--recursive, --recursive
    Optional. Whether to get all resources recursively. Default false
```

getResourcesWithComponentVersion

Get a JSONArray representation of all resources with a component version

Format

```
da-client [global-args...] [global-flags...]
getResourcesWithComponentVersion [args...]
```

Options

```
--component, --component
    Required. The component name or ID

--version, --version
    Required. Version name
```

getRoleForApplications

Get a JSON representation of a role

Format

```
da-client [global-args...] [global-flags...]
getRoleForApplications [args...]
```

Options

```
-role, --role
    Required. Name of the role
```

getRoleForComponents

Get a JSON representation of a role

Format

```
da-client [global-args...] [global-flags...]  
getRoleForComponents [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

getRoleForEnvironments

Get a JSON representation of a role

Format

```
da-client [global-args...] [global-flags...]  
getRoleForEnvironments [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

getRoleForResources

Get a JSON representation of a role

Format

```
da-client [global-args...] [global-flags...]  
getRoleForResources [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

getRoleForUI

Get a JSON representation of a role

Format

```
da-client [global-args...] [global-flags...]  
getRoleForUI [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

getRolesForResource

Get a list of roles for a resource

Format

```
da-client [global-args...] [global-flags...]  
getRolesForResource [args...]
```

Options

```
--resource, --resource  
    Required. Name or ID of the resource
```

getSystemProperties

Get the value for a system property

Format

```
da-client [global-args...] [global-flags...]  
getSystemProperties [args...]
```

Options

No options for this command.

getSystemProperty

Get the value for a system property

Format

```
da-client [global-args...] [global-flags...]  
getSystemProperty [args...]
```

Options

`-name, --name`
Required. Name of the property

getUser

Get a JSON representation of a user

Format

```
da-client [global-args...] [global-flags...]  
getUser [args...]
```

Options

`-user, --user`
Required. Name of the user

importGroup

Add a new group This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
importGroup [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

importVersions

Run the source config integration for a component. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
importVersions [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

login

Login for further requests

Format

```
da-client [global-args...] [global-flags...]
login [args...]
```

Options

No options for this command.

logout

Logout

Format

```
da-client [global-args...] [global-flags...]
logout [args...]
```

Options

No options for this command.

removeActionFromRoleForApplications

Remove an action from a role for applications

Format

```
da-client [global-args...] [global-flags...]
removeActionFromRoleForApplications [args...]
```

Options

`-role, --role`
Required. Name of the role

`-action, --action`
Required. Name of the action

removeActionFromRoleForComponents

Remove an action from a role for components

Format

```
da-client [global-args...] [global-flags...]
removeActionFromRoleForComponents [args...]
```

Options

`-role, --role`
Required. Name of the role

`-action, --action`
Required. Name of the action

removeActionFromRoleForEnvironments

Remove an action from a role for environments

Format

```
da-client [global-args...] [global-flags...]
removeActionFromRoleForEnvironments [args...]
```

Options

`-role, --role`
Required. Name of the role

`-action, --action`
Required. Name of the action

removeActionFromRoleForResources

Remove an action from a role for resources

Format

```
da-client [global-args...] [global-flags...]  
removeActionFromRoleForResources [args...]
```

Options

```
-role, --role  
    Required. Name of the role  
  
-action, --action  
    Required. Name of the action
```

removeActionFromRoleForUI

Remove an action from a role for the UI

Format

```
da-client [global-args...] [global-flags...]  
removeActionFromRoleForUI [args...]
```

Options

```
-role, --role  
    Required. Name of the role  
  
-action, --action  
    Required. Name of the action
```

removeAgentFromPool

Remove an agent from an agent pool

Format

```
da-client [global-args...] [global-flags...]  
removeAgentFromPool [args...]
```

Options

```
-pool, --pool  
    Required. Name or ID of the agent pool  
  
-agent, --agent  
    Required. Name or ID of the agent to remove
```

removeGroupFromRoleForApplication

Remove a group from a role for an application

Format

```
da-client [global-args...] [global-flags...]  
removeGroupFromRoleForApplication [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-application, --application  
    Required. Name of the application
```

removeGroupFromRoleForComponent

Remove a group from a role for a component

Format

```
da-client [global-args...] [global-flags...]  
removeGroupFromRoleForComponent [args...]
```

Options

```
-group, --group  
    Required. Name of the group  
  
-role, --role  
    Required. Name of the role  
  
-component, --component  
    Required. Name of the component
```

removeGroupFromRoleForEnvironment

Remove a group from a role for an environment

Format

```
da-client [global-args...] [global-flags...]  
removeGroupFromRoleForEnvironment [args...]
```

Options

- group, --group
Required. Name of the group
- role, --role
Required. Name of the role
- application, --application
Required. Name of the application
- environment, --environment
Required. Name of the environment

removeGroupFromRoleForResource

Remove a group from a role for a resource

Format

```
da-client [global-args...] [global-flags...]  
removeGroupFromRoleForResource [args...]
```

Options

- group, --group
Required. Name of the group
- role, --role
Required. Name of the role
- resource, --resource
Required. Name of the resource

removeGroupFromRoleForUI

Remove a group from a role for the UI

Format

```
da-client [global-args...] [global-flags...]  
removeGroupFromRoleForUI [args...]
```

Options

- group, --group
Required. Name of the group
- role, --role
Required. Name of the role

removeMapping

Remove a mapping

Format

```
da-client [global-args...] [global-flags...]
removeMapping [args...]
```

Options

- environment, --environment
Required. The environment for the mapping
- component, --component
Required. The component for the mapping
- resourceGroupPath, --resourceGroupPath
Optional. The resource group path for the mapping, if not using a resource
- resource, --resource
Optional. The resource for the mapping, if not using a group
- application, --application
The application for the mapping. Required if using the environment name; optional if using the environment ID

removeResourceFromGroup

Remove a resource from a resource group. Only works with static groups.

Format

```
da-client [global-args...] [global-flags...]
removeResourceFromGroup [args...]
```

Options

- resource, --resource
Required. Name of the resource to remove
- group, --group
Required. Path of the resource group to remove from

removeRoleForApplications

Remove a role for applications

Format

```
da-client [global-args...] [global-flags...]  
removeRoleForApplications [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

removeRoleForComponents

Remove a role for components

Format

```
da-client [global-args...] [global-flags...]  
removeRoleForComponents [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

removeRoleForEnvironments

Remove a role for environments

Format

```
da-client [global-args...] [global-flags...]  
removeRoleForEnvironments [args...]
```

Options

```
-role, --role  
    Required. Name of the role
```

removeRoleForResources

Remove a role for resources

Format

```
da-client [global-args...] [global-flags...]  
removeRoleForResources [args...]
```

Options

`-role, --role`
Required. Name of the role

removeRoleForUI

Remove a role for the UI

Format

```
da-client [global-args...] [global-flags...]
removeRoleForUI [args...]
```

Options

`-role, --role`
Required. Name of the role

removeRoleFromResource

Remove a role from a resource.

Format

```
da-client [global-args...] [global-flags...]
removeRoleFromResource [args...]
```

Options

`-resource, --resource`
Required. Name of the parent resource.

`-role, --role`
Required. Name of the new resource.

removeUserFromGroup

Remove a user from a group

Format

```
da-client [global-args...] [global-flags...]
removeUserFromGroup [args...]
```

Options

`-user, --user`
Required. Name of the user

`-group, --group`
Required. Name of the group

removeUserFromRoleForApplication

Remove a user from a role for an application

Format

```
da-client [global-args...] [global-flags...]
removeUserFromRoleForApplication [args...]
```

Options

`-user, --user`
Required. Name of the user

`-role, --role`
Required. Name of the role

`-application, --application`
Required. Name of the application

removeUserFromRoleForComponent

Remove a user from a role for a component

Format

```
da-client [global-args...] [global-flags...]
removeUserFromRoleForComponent [args...]
```

Options

`-user, --user`
Required. Name of the user

`-role, --role`
Required. Name of the role

`-component, --component`
Required. Name of the component

removeUserFromRoleForEnvironment

Remove a user from a role for an environment

Format

```
da-client [global-args...] [global-flags...]
removeUserFromRoleForEnvironment [args...]
```

Options

```
-user, --user
    Required. Name of the user

-role, --role
    Required. Name of the role

-application, --application
    Required. Name of the application

-environment, --environment
    Required. Name of the environment
```

removeUserFromRoleForResource

Remove a user from a role for a resource

Format

```
da-client [global-args...] [global-flags...]
removeUserFromRoleForResource [args...]
```

Options

```
-user, --user
    Required. Name of the user

-role, --role
    Required. Name of the role

-resource, --resource
    Required. Name of the resource
```

removeUserFromRoleForUI

Remove a user from a role for the UI

Format

```
da-client [global-args...] [global-flags...]  
removeUserFromRoleForUI [args...]
```

Options

```
-user, --user  
    Required. Name of the user  
  
-role, --role  
    Required. Name of the role
```

removeVersionStatus

Remove a status from a version

Format

```
da-client [global-args...] [global-flags...]  
removeVersionStatus [args...]
```

Options

```
-component, --component  
    Optional. Name or ID of the component. Only required if not using  
    version ID  
  
-version, --version  
    Required. Name or ID of the version  
  
-status, --status  
    Required. Name of the status to remove
```

repeatApplicationProcessRequest

Repeat an application process request.

Format

```
da-client [global-args...] [global-flags...]  
repeatApplicationProcessRequest [args...]
```

Options

```
-request, --request  
    Required. ID of the application process request to repeat
```

requestApplicationProcess

Submit an application process request to run immediately. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
requestApplicationProcess [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

No options for this command.

restartAgent

Restart an agent

Format

```
da-client [global-args...] [global-flags...]  
restartAgent [args...]
```

Options

`-agent`, `--agent`

Required. Name or ID of the agent to restart

setAgentProperty

Set a property on an agent

Format

```
da-client [global-args...] [global-flags...]  
setAgentProperty [args...]
```

Options

`-agent`, `--agent`

Required. Name or ID of the agent to configure

`-name, --name`
Required. Name of the property

`-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined

`-value, --value`
Optional. New value for the property

setApplicationProperty

Set a property on an application

Format

```
da-client [global-args...] [global-flags...]
setApplicationProperty [args...]
```

Options

`-name, --name`
Required. Name of the property to set

`-value, --value`
Optional. Value of the property to set

`-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined

`-application, --application`
Required. Name of the application to look up

setComponentEnvironmentProperty

Set property on component/environment mapping

Format

```
da-client [global-args...] [global-flags...]
setComponentEnvironmentProperty [args...]
```

Options

`-name, name`
Required. Name of the property to set

`-value, --value`
Required. Value of the property to set

`-component, --component`
Required. Name of the component to look up

`-environment, --environment`
Required. Name or id of the environment to look up

`-application, --application`
Optional. Name of the application to look up

`-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined

setComponentProperty

Set property on component

Format

```
da-client [global-args...] [global-flags...]
setComponentProperty [args...]
```

Options

`-name, --name`
Required. Name of the property to set

`-value, --value`
Required. Value of the property to set

`-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined

`-component, --component`
Required. Name of the component to look up

setEnvironmentProperty

Set a property on an environment

Format

```
da-client [global-args...] [global-flags...]
setEnvironmentProperty [args...]
```

Options

- `-name, --name`
Required. Name of the property to set
- `-value, --value`
Optional. Value of the property to set
- `-environment, --environment`
Required. Name or ID of the environment to look up
- `-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined
- `-application, --application`
Optional. Name or ID of the application (required if referencing environment by name)

setResourceProperty

Set a custom property on a resource

Format

```
da-client [global-args...] [global-flags...]  
setResourceProperty [args...]
```

Options

- `-resource, --resource`
Required. Name of the resource to configure
- `-name, --name`
Required. Name of the property
- `-isSecure, --isSecure`
Optional. Defaults to current state of property, or false if property is not yet defined
- `-value, --value`
Optional. New value for the property

setSystemProperty

Set a property on a system

Format

```
da-client [global-args...] [global-flags...]  
setSystemProperty [args...]
```

Options

```
-name, --name  
    Required. Name of the property to set  
  
-isSecure, --isSecure  
    Optional. Defaults to current state of property, or false if  
    property is not yet defined  
  
-value, --value  
    Optional. Value of the property to set
```

shutdownAgent

Shut down an agent

Format

```
da-client [global-args...] [global-flags...]  
shutdownAgent [args...]
```

Options

```
-agent, --agent  
    Required. Name or ID of the agent to shut down
```

testAgent

Test an agent

Format

```
da-client [global-args...] [global-flags...]  
testAgent [args...]
```

Options

```
-agent, --agent  
    Required. Name or ID of the agent to test
```

updateUser

Add a new user. This command takes a JSON request body. Use the `-t` flag to view the template for the data required for this command.

Format

```
da-client [global-args...] [global-flags...]  
updateUser [args...] [-] [filename]
```

-

Read JSON input from the stdin. See command for requirements.

filename

Read JSON input from a file with the given filename. See command for requirements.

Options

```
-user, --user  
    Required. Name of the user
```

upgradeAgent

Upgrade an agent

Format

```
da-client [global-args...] [global-flags...]  
upgradeAgent [args...]
```

Options

```
-agent, --agent  
    Required. Name or ID of the agent to upgrade
```