

### Terminology

<DevHub> refers to the Org where you have enabled DevHub functionality. This is often your production environment and can be referred to by either the Org username or its alias.

<username> refers to the email address that corresponds to the Org you want to reference.

<alias> is a shorter string that can be set to refer to any existing Org username.

### Configuration

List current configuration variables:

```
> sfdx force:config:list
```

Set specific configuration items:

```
> sfdx force:config:set [ -g | --global ] <name>=  
<value>
```

Get specific configuration items:

```
> sfdx force:config:get <name>
```

Unset specific configuration items:

```
> sfdx force:config:unset [ -g | --global ] <name>
```

Specific name value pairs that can be set are:

```
defaultusername=<username>  
defaultdevhubusername=<username>
```

### Project

Create a new dummy SFDX project:

```
> sfdx force:project:create -n <project>
```

You don't need to use this command if you're working on an existing codebase.

### Org Management

List existing authenticated sandboxes:

```
> sfdx force:auth:list
```

Authenticate to a new sandbox:

```
> sfdx force:auth:web:login [ -d ] [ -s ] [ -r  
https://test.salesforce.com ] [ -a <alias> ]
```

Use -r for Sandboxes, but not for Playgrounds.

Log out of an existing sandbox:

```
> sfdx force:auth:logout [ -a ] [ -u <username> ]
```

List existing Scratch Orgs:

```
> sfdx force:org:list [ --all ] [ --clean ]
```

Create a new Scratch Org:

```
> sfdx force:org:create [ -f <config-def.json> ] [ -v <DevHub> ] [ -s ] [ -a <alias> ] [ -d <days> ]
```

### Org Management (cont)

Open a Scratch Org:

```
> sfdx force:org:open [ -u <username> ]
```

Mark a Scratch Org for deletion:

```
> sfdx force:org:delete [ -v DevHub ] [ -u  
Username ]
```

### Source Management

Push source to Scratch Org:

```
> sfdx force:source:push [ -u <username> ] [ -f ]
```

Pull source changes from Scratch Org:

```
> sfdx force:source:pull [ -u <username> ] [ -f ]
```

Check status of Scratch Org:

```
> sfdx force:source:status [ -u <username> ] [ -a  
| -l | -r ]
```

### Package Management

```
> sfdx force:package:create
```

```
> sfdx force:package:list
```

```
> sfdx force:package:update
```

### Package Versions

```
> sfdx force:package:version:create
```

```
> sfdx force:package:version:list
```

```
> sfdx force:package:version:update
```

```
> sfdx force:package:version:promote
```

### Package Installation

```
> sfdx force:package:install
```

```
> sfdx force:package:installed:list
```

```
> sfdx force:package:uninstall
```

