Salesforce CLI Cheat Sheet

by keirbowden via cheatography.com/83133/cs/19728/

NOTES

All commands are in the force namespace so must be prefixed with `sfdx force:`.

Setup

Create Project

```
projec t:c reate -n dir
```

Create scratch org

```
org:create -f config _file
```

Generate Password

```
user:p ass wor d:g enerate -u us er
```

Migrating Code/Config

Push to scratch org

```
source :push
```

Pull from scratch org

```
source :pull
```

Deploy metadata

```
mdapi: deploy -u user -d dir
```

Retrieve metadata

```
mdapi: ret rieve -u user -r dir
```

Cancel metadata deployment

```
mdapi: dep loy :cancel -u user -i job _id
```

Packaging

Create package

```
packag e:c reate -n name - t type -r dir
```

Create package version

```
packag e:v ers ion :create -p id|alias -d dir -k passw ord
```

Install package

```
packag e:i nstall -p id|alias -k password
```

NOTES

Most commands require a username or alias to indicate the org to operate on, specified via the **-u** switch.

Authentication

Login to an org

```
auth:w eb: login {-a alias} {-d}
```

Set default dev hub

```
config:set defaul tde vhu bus ername= user
```

Set default scratch org

```
config:set defaul tus ername=user
```

List valid authenticated orgs

```
org:list
```

List authenticated orgs

```
auth:list
```

Open an org

```
org:open
```

Logout of an org

```
org:logout -u user
```

DATA

Create a record

```
data:r ecord -s sobject -v fields
```

Retrieve a record

```
data:r eco rd:get -s sobject -i id
```

Update a record

```
data:r eco rd: update -s sobject -i id -v fiel ds
```

Query one or more records with SOQL

```
data:s oql :query -q query
```

Delete a record

```
data:r eco rd: delete -s sobject -i id
```

Bulk upsert

```
data:b ulk :upsert -s sobject -i ext_id -f fil e
```

CONVERT

To source format

mdapi:convert -r *mdpai_dir* -d *source_dir*

From source format

source:convert -r *source_dir* -d *mdapi_dir*

TESTING

Run single test

```
apex:t est:run -t class.test
```

Run all tests in class

```
apex:t est:run -t class
```

Run tests in org namespace

```
apex:t est:run -l RunLoc alTests
```

Run all tests in org

```
apex:t est:run -l RunAll Tes tsInO
```

Extract code coverage

```
apex:t est:run -c -r human
```

Run tests when deploying

```
mdapi: deploy -u user -r dir -l Ru s
```

OTHER

Display limits

```
limits :ap i:d isplay
```

Assign permission set

user:permset:assign -n *psetname* -u *user* -o *u*

Execute apex

```
apex:e xecute {-f apex_file}
```

List debug logs

```
apex:l og:list
```

Retrieve debug log

```
apex:l og:get -i log_id -n lines
```

Tail debug logs

```
apex:l og:tail -d debuglevel --log l
```


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