NOTES

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

Setup

Create Project

`project:create -n dir`

Create scratch org

`org:create -f config_file`

Generate Password

`user:password:generate -u user`

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:retrieve -u user -r dir`

Cancel metadata deployment

`mdapi:deploy:cancel -u user -i job_id`

Packaging

Create package

`package:create -n name - t type -r dir`

Create package version

`package:version:create -p id|alias -d dir -k password`

Install package

`package:install -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:web:login {-a alias} {-d}`

Set default dev hub

`config:set defaultdevhubusern‐ame=user`

Set default scratch org

`config:set defaultusername=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:record -s sobject -v fields`

Retrieve a record

`data:record:get -s sobject -i id`

Update a record

`data:record:update -s sobject -i id -v fields`

Query one or more records with SOQL

`data:soql:query -q query`

Delete a record

`data:record:delete -s sobject -i id`

Bulk upsert

`data:bulk:upsert -s sobject -i ext_id -f file`

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:test:run -t class.test`

Run all tests in class

`apex:test:run -t class`

Run tests in org namespace

`apex:test:run -l RunLocalTests`

Run all tests in org

`apex:test:run -l RunAllTestsI‐nOrg`

Extract code coverage

`apex:test:run -c -r human`

Run tests when deploying

`mdapi:deploy -u user -r dir -l RunLocalTests`

OTHER

Display limits

`limits:api:display`

Assign permission set

`user:permset:assign -n psetname -u user -o users`

Execute apex

`apex:execute {-f apex_file}`

List debug logs

`apex:log:list`

Retrieve debug log

`apex:log:get -i log_id -n lines`

Tail debug logs

`apex:log:tail -d debuglevel --loglevel level`

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Not published yet.
Last updated 30th May, 2019.
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