Salesforce CLI Cheat Sheet

SETUP

Create Project

👉 `project generate –name <name>`

Create Scratch Org

👉 `org create scratch --edition developer --alias <alias>`

Generate Password

👉 `org generate password`

Delete Scratch Org

👉 `org delete scratch --target-org <username/alias>`

MIGRATE CODE AND CONFIG

Deploy to org

👉 `project deploy start [--metadata <name>]`

Retrieve from org

👉 `project retrieve start [--source-dir <path>]`

Cancel Deployment

👉 `project deploy cancel [--job-id <id> --use-most-recent]`

Create Package

👉 `package create --name <name> --package-type <type> --path <path>`

Install/Upgrade Package

👉 `package install --package "<name/id>"`

Create Package Version

👉 `package version create --path <path> --installation-key <password>`

AUTHENTICATION

Login to Org

👉 `org login web`

Set Default Dev Hub

👉 `config set target-dev-hub <username/alias>`

Set Default Org

👉 `config set target-org <username/alias>`

List Authenticated Orgs

👉 `org list`

Open Org

👉 `org list auth`

Logout of Org

👉 `org logout --target-org <username/alias>`

DATA

Create/Update/Delete Record

👉 `data create record --sobject <obj> --values "<field1>='<value1>' <field2>='<value2>' … "`
👉 `data update record --sobject <obj> --values "<field/value pairs>" [--record-id <id> --where "<field/value pairs>"]`
👉 `data delete record --sobject <obj> [--record-id <id> --where <field/value pairs>]`

Retrieve Record

👉 `data get record --sobject <obj> [--record-id <id> --where <field/value pairs>]`

TESTING

Run a Test

👉 `apex run test --class-names <name1> --class-names <name2> --result-format human`

Run All Tests

👉 `apex run test`
👉 `apex run test --test-level RunLocalTests`

Get Code Coverage

👉 `apex run test --code-coverage --detailed-coverage`

MISCELLANEOUS

List Limits

👉 `org list limits --target-org <alias>`

List Debug Logs

👉 `apex list log`

Retrieve Debug Logs

👉 `apex get log --log-id <id>`
👉 `apex get log --number <qty of recent logs>`
👉 `apex get log --output-dir <path> --log-id <id>`

Execute Apex

👉 `apex run --file <name>`
👉 `apex run {then hit Ctrl D to submit}`

SOQL Query

👉 `data query --query "<SOQL query>"`
👉 `data query --file <name> --use-tooling-api`