# Sui CLI Cheat Sheet

The cheat sheet highlights common Sui CLI commands.

```
sui client pay-sui \ --input-coins COIN_ID \ --recipients ADDRESS \ --amounts 100000000
```

sui client ptb \ --split-coins gas "[1000]" \ --assign new coins \ --transfer-objects "[new coins]" ADDRESS

Transfer an object to an address. Note that you can pass multiple objects in the array

 $sui\ client\ ptb \ --move-call\ sui:tx\_context::sender \ --assign\ sender \ --publish\ "." \ --assign\ upgrade\_cap \ --transferobjects\ "[upgrade\_cap]"\ sender$ 

#### **Addresses & Aliases**

```
sui client pay-sui \ --input-coins COIN_ID \ --recipients ADDRESS \ --amounts 100000000
```

sui client ptb \ --split-coins gas "[1000]" \ --assign new\_coins \ --transfer-objects "[new\_coins]" ADDRESS

Transfer an object to an address. Note that you can pass multiple objects in the array

sui client ptb \ --move-call sui:tx\_context::sender \ --assign sender \ --publish "." \ --assign upgrade\_cap \ --transfer-objects "[upgrade\_cap]" sender

#### **Faucet & Gas**

```
sui client pay-sui \ --input-coins COIN ID \ --recipients ADDRESS \ --amounts 100000000
```

sui client ptb \ --split-coins gas "[1000]" \ --assign new coins \ --transfer-objects "[new coins]" ADDRESS

Transfer an object to an address. Note that you can pass multiple objects in the array

 $sui\ client\ ptb \ --move-call\ sui: tx\_context:: sender \ --assign\ sender \ --publish\ "." \ --assign\ upgrade\_cap \ --transferobjects\ "[upgrade\ cap]"\ sender$ 

## **Network Command Description**

```
sui client pay-sui \ --input-coins COIN ID \ --recipients ADDRESS \ --amounts 100000000
```

sui client ptb \ --split-coins gas "[1000]" \ --assign new coins \ --transfer-objects "[new coins]" ADDRESS

Transfer an object to an address. Note that you can pass multiple objects in the array

sui client ptb  $\ --$ move-call sui:tx\_context::sender  $\ --$ assign sender  $\ --$ publish "."  $\ --$ assign upgrade\_cap  $\ --$ transferobjects "[upgrade\_cap]" sender

### Create, Build, and Test a Move Project

```
sui client pay-sui \ --input-coins COIN_ID \ --recipients ADDRESS \ --amounts 100000000
```

 $sui\ client\ ptb \ --split-coins\ gas\ "[1000]" \ --assign\ new\_coins \ --transfer-objects\ "[new\_coins]"\ ADDRESS$ 

Transfer an object to an address. Note that you can pass multiple objects in the array

 $sui\ client\ ptb \ --move-call\ sui:tx\_context::sender \ --assign\ sender \ --publish\ "." \ --assign\ upgrade\_cap \ --transferobjects\ "[upgrade\_cap]"\ sender$ 

### **Executing Transactions**

```
sui client pay-sui \ --input-coins COIN_ID \ --recipients ADDRESS \ --amounts 100000000
```

sui client ptb \ --split-coins gas "[1000]" \ --assign new coins \ --transfer-objects "[new coins]" ADDRESS

Transfer an object to an address. Note that you can pass multiple objects in the array

 $sui\ client\ ptb \ --move-call\ sui: tx\_context:: sender \ --assign\ sender \ --publish\ "." \ --assign\ upgrade\_cap \ --transferobjects\ "[upgrade\_cap]"\ sender$ 

# **Programmable Transaction Blocks (PTBs)**

```
sui client ptb \ --split-coins gas "[1000]" \ --assign new_coins \ --transfer-objects "[new_coins]" ADDRESS
```

Transfer an object to an address. Note that you can pass multiple objects in the array

 $sui\ client\ ptb \setminus --move-call\ sui:tx\_context::sender \setminus --publish\ "." \setminus --assign\ upgrade\_cap \setminus --transferobjects\ "[upgrade\_cap]"\ sender$