

NEAR-CLI-RS

Quick Start Guide

The `near-cli-rs` tool is a human-friendly companion that helps you interact with the [NEAR Protocol](#) from the command line. This has a guided prompt interface to help you make your own commands built in Rust.

note This is a separate tool from [near-cli](#), a CLI tool of similar functionality without the guided prompts.

Install

Download the pre-compiled version of `near-cli-rs` for your OS from [GitHub Releases Page](#) or install it with [Cargo](#) (Rust's package manager tool) with the following command:

```
cargo install near-cli-rs
```

Getting Started

To utilize the commands that involve transactions, sending tokens, deploying contracts, etc., you'll have to store a full access key to a given account on your machine.

Run...

`near` Using the arrow keys navigate to...

`account -Manage accounts` Navigate to...

`import-account -Import existing account (a.k.a. "sign-in")` choose any of the preferred sign-in methods. For this example, we'll choose the...

`using-web-wallet -Import existing account using NEAR Wallet (a.k.a. "sign in")`

Account

- Gives you information on a specified account, near balance, storage, list of access keys, etc. For this tutorial select `testnet`

What is the name of the network? `mainnet`

`testnet shardnet` You'll get redirected to `wallet.testnet.near.org`. Once there, grant authorization. Then in your terminal, you'll be asked to enter your account ID. Give it the name of the account you just authorized access to and a full access key.

If you're on Mac you'll have the option to use the [Mac Keychain](#) option.

Either storage option is fine. Using the legacy storage option will save a file in your root directory in a hidden folder called `./near-credentials`. This storage option is compatible with the `near-cli` tool (a cli tool without the guided prompts but similar functionality).

Good Job! Now you can use `near-cli-rs` to its full capacity.

Usage

To use the `near-cli-rs` simply run the following in your terminal.

`near` You should then see the following. Use the arrow keys and hit enter or simply type out one of the available options to select an option

Accounts

This option will allow you to manage, control, and retrieve information on your accounts.

Option Description
`view-account-summary` View properties for an account
`import-account` Import existing account (a.k.a. "sign in")
`create-account` Create a new account
`delete-account` Delete an Account
`list-keys` View a list of keys for an account
`add-key` Add an access key to an account
`delete-key` Delete an access key from an account

Tokens

This will allow you to manage your token assets such as NEAR, FTs and NFTs

Option Description send-near Transfers NEAR to a specified recipient in units of NEAR or yoctoNEAR send-ft Transfer Fungible Tokens to a specified user send-nft Transfers NFTs between accounts view-near-balance View the balance of NEAR tokens view-ft-balance View the balance of Fungible Tokens view-nft-assets View the balance of NFT Tokens

Contract

This option allows you to manage and interact with your smart contracts

Option Description call-function Execute Function deploy Add a new contract code download-wasm Download Wasm

Transaction

Operate Transactions

Option Description view-status View a transaction status construct-tansaction Construct a new transaction

Config

Manage the connection parameters inside theconfig.toml file fornear-cli-rs

This will allow you to change or modify the network connections for your CLI.

Option Description show-connections Show a list of network connections add-connection Add a network connection delete-connection Delete a network Connection [Edit this page](#) Last updatedonSep 14, 2023 bysolnyszczko Was this page helpful? Yes No

[Previous NEAR CLI](#) [Next Wallet Selector](#)