

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 it's 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

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