

NFT Minting Front-end

In this tutorial you'll learn how to create a simple NFT front-end and mint a "Go Team" NFT on the NEAR blockchain straight from your web browser.

App Overview

The app is fairly simple: the user signs in and hits the Mint NFT button. Once the user hits the mint button, a "Go Team" NFT is minted and sent to their NEAR Wallet.

Smart Contract code

The code for the NFT smart contract can be found in the [Zero to Hero NFT tutorial](#)'s [GitHub repository](#) , under the main branch.

The contract methods used in this application are as follows:

- `nft_mint`
 - : Function used to mint tokens.
- `check_token`
 - : Custom function created to check for the existence of a token. This helps to ensure one token per user.

Front-end

The front-end of the contract was implemented using `create-near-app` [React Bootstrap](#) was used for the styling of the application.

To bootstrap your React front-end, run the following command on your terminal:

`npx create-near-app --frontend react --contract rust` Then, simply import the contract files from the main branch, and you'll have the needed structure to run the application.

Start

Upon mounting the application's components, the app checks for the existence of a non-fungible token.

`src/App.js` loading ... [See full example on GitHub](#) If no prior NFT has been minted, the mint button will be available for use.

Mint button

Here is the function behind the mint button. The meta data has been filled out for the user already:

- `token_id`
 - is set by the user's account id,
 - and the media
 - link is hard-coded to `agoteam-gif.gif`
 - hosted on IPFS.

`src/Components/MintingTool.js` loading ... [See full example on GitHub](#) After hitting the Mint NFT button the user will be able to check out the newly minted NFT at wallet.testnet.near.org , under the Wallet's Collectibles tab.

Final remarks

You can find the complete application repository [on GitHub](#) to clone and run. In the configuration folder you can see that this smart contract has been deployed to `tonft-frontend-simple-mint.blockhead.testnet` :

`src/config.js` loading ... [See full example on GitHub](#) You can also check out the [explorer link here](#) to see how many individuals have been minting their own Go Team NFTs. Happy Minting!

tip Clone and run this example from <https://github.com/near-examples/nft-tutorial-frontend> [Edit this page](#) Last updated on Jan 19, 2024 by [Damián Parrino](#) Was this page helpful? Yes No

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