

Stellar Testnet Friendbot Frontend

A simple frontend application to fund Stellar testnet wallets using the friendbot service.

Features

- Input field for Stellar address (supports both regular accounts and smart contract accounts)
- Button with loading state
- Success message with link to stellar.expert
- Error handling
- Automatic smart contract account detection and funding via burner account

Setup

1. Install dependencies:

```
npm install
```

2. Start the development server:

```
npm run dev
```

3. Open your browser and navigate to the URL shown in the terminal (usually `http://localhost:5173`)

Usage

1. Enter a valid Stellar testnet address:
 - Regular account: starts with G, 56 characters (e.g., `GDWI . . .`)
 - Smart contract account: starts with C, 56 characters (e.g., `CCZW . . .`)
2. Click "Fund Wallet"
3. Wait for the funding to complete
 - For regular accounts: Direct funding via friendbot
 - For smart contract accounts: Automatic burner account creation and fund transfer
4. View the transaction on stellar.expert using the provided link

How it works

- **Regular accounts:** Funds directly via the Stellar friendbot API
- **Smart contract accounts:** Since friendbot doesn't support contract accounts directly, the app:
 1. Creates a temporary burner account
 2. Funds the burner account via friendbot
 3. Merges (deletes) the burner account, sending all XLM to the target contract address

Build

To build for production:

```
npm run build
```

The built files will be in the **dist** directory.