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## Android CLI App Documentation

### Introduction

Welcome to the Android CLI App! This app provides a simulated command-line interface (CLI) environment for executing commands, managing files, and navigating directories directly from your Android device.

### Installation

To install the Android CLI App:

1. **Download APK:** Obtain the APK file from a trusted source or directly from the developer.
2. **Allow Installation:** Enable installation from unknown sources in your device settings.
3. **Install App:** Tap on the APK file and follow on-screen instructions.
4. **Open App:** Locate the app icon on your device's home screen or app drawer and tap to open.

### Usage

After installation, follow these steps to use the React Native Terminal App:

- **Input Commands:** Tap on the text input field to enter commands.
- **Execute Commands:** Press Enter or tap the Submit button to execute the command.
- **Navigate Directories:** Use the `cd` command followed by a directory path to change directories.
- **View Help:** Type `help` to access a list of available commands and their descriptions.
- **Access Command History:** Type `history` to view previously executed commands.

### Supported Commands

- **append**
  - **Usage:** Append content to a file.
  - **Example:** `append filename.txt This is additional content`
- **cat**
  - **Usage:** Display file contents.
  - **Example:** `cat filename.txt`
- **cd**
  - **Usage:** Change directory.

- **Examples:**
  - `cd directory_name` : Change to a specific directory.
  - `cd ..` : Move up to the parent directory.
  - `cd /` : Change to the root directory.
- **clear**
  - **Usage:** Clear the terminal output.
  - **Example:** `clear`
- **date**
  - **Usage:** Print the current date and time.
  - **Example:** `date`
- **echo**
  - **Usage:** Print a message.
  - **Example:** `echo Hello, world!`
- **exit**
  - **Usage:** Exits the app.
  - **Example:** `exit`
- **help**
  - **Usage:** Display help message.
  - **Example:** `help`
- **history**
  - **Usage:** Display command history.
  - **Example:** `history`
- **ls**
  - **Usage:** List directory contents.
  - **Example:** `ls`
- **mkdir**
  - **Usage:** Create a new directory.
  - **Example:** `mkdir new_directory`
- **open**
  - **Usage:** Open a file.
  - **Example:** `open filename.txt`
- **pwd**
  - **Usage:** Print the current directory.
  - **Example:** `pwd`
- **rm**
  - **Usage:** Remove a file.
  - **Example:** `rm filename.txt`
- **rmdir**

- **Usage:** Remove a directory.
  - **Example:** `rmdir directory_name`
- **touch**
  - **Usage:** Create a new file.
  - **Example:** `touch new_file.txt`
- **whoami**
  - **Usage:** Print the device username.
  - **Example:** `whoami`

## Features

The Android CLI App offers the following features:

- **Command Execution:** Execute commands directly.
- **File Management:** Create, read, update, and delete files and directories.
- **Auto-Completion:** Basic auto-completion for efficient command typing.
- **Device Information:** Retrieve device username.
- **Command History:** Access a history of executed commands.

## Support

For support, feedback, or issues, contact the developer. Your feedback helps improve the app.

## Conclusion

Enjoy the convenience of a CLI environment on your Android device with the React Native Android CLI Terminal App. Whether you're a developer or a curious user, this app provides a versatile tool for executing commands and managing files on the go.