Image Video Compress

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Setup Guide for Media Compression Repository

This guide outlines how to set up the repository by downloading the ZIP file, installing Node.js, installing dependencies, and running the commands for image and video compression.

1. Install Node.js

Download and Install

- **Visit:** nodejs.org

- **Download:** Choose the **LTS version**.

- **Install:** Run the installer and follow the on-screen instructions.

Verify Installation

Open your terminal/command prompt and run:

```
node -v
npm -v
```

You should see version numbers for both Node.js and npm.

2. Download the Repository

Download the ZIP File

- **Visit:** photo-video-compress

- Click the **"Download ZIP"** button.

Extract and Open in Terminal

1. **Extract the ZIP File:**

   - Unzip the downloaded file to a location of your choice.

2. **Open the Folder in Terminal:**

- **Windows:**

  - Open File Explorer and navigate to the extracted folder.

  - Press and hold the **Shift** key, right-click inside the folder, and select **"Open PowerShell window here"** or **"Open command window here"**.

- **macOS/Linux:**

  - Open the Terminal application.

  - Type cd (with a space), drag the extracted folder into the Terminal window, and press **Enter**.

- Alternatively, navigate manually:

```
cd /path/to/extracted-folder
```

3. Install Dependencies

In the project folder, run:

```
npm install
```

This command installs all the required packages.

4. Run the Compression Commands

For Image Compression

Ensure you have a folder containing JPEG/PNG images, then run:

```
node compressImagesBatch.js path/to/your/image-folder
```

For Video Compression

Ensure you have a folder containing MP4 videos, then run:

```
node compressVideosParallel.js path/to/your/video-folder
```

Happy coding!