# Transcribe YouTube ReadMe

Here's a `README` for the two command-line tools: `transcript` and `playlist`.

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# README

## Command-Line Tools for YouTube Transcript Extraction

This repository contains two command-line tools to help you easily extract and save transcripts from YouTube videos and playlists. Both tools are implemented in Python and can be executed via simple batch commands.

## 1. `transcript`: Extract Transcript from a Single YouTube Video

### Description:

The `transcript` command fetches the transcript from a single YouTube video and saves it as a text file in your Downloads folder. The transcript is formatted for readability, with paragraph breaks every few sentences.

`https://www.youtube.com/watch?v= **HgL_REJe4LU**`

### Usage:

```
transcript <YouTube_Video_ID>
```

### Example:

```
transcript fiIaqAYPzFk
```

## Output:

- The transcript will be saved in the Downloads folder as a text file named after the video title.
- Example output file: `C:\Users\<YourUsername>\Downloads\<Video_Title>_transcript.txt`

## 2. `playlist` : Extract Transcripts from All Videos in a YouTube Playlist

## Description:

The `playlist` command fetches transcripts for all videos in a specified YouTube playlist. Each transcript is saved individually in your Downloads folder, named after the corresponding video title.

## Usage:

```
playlist "<YouTube_Playlist_URL>"
```

## Example:

```
playlist "https://www.youtube.com/playlist?list=PLIFyRwBY_4bRLmKfP1KnZA6rZbRHtxmXi"
```

## Output:

- Each transcript is saved in the Downloads folder as a text file, named after the video title.
- Example output files:
  - `C:\Users\<YourUsername>\Downloads\<Video_Title_1>_transcript.txt`
  - `C:\Users\<YourUsername>\Downloads\<Video_Title_2>_transcript.txt`

# System Requirements:

- **Python 3.x** installed on your system.
- Required Python libraries: `pytube`, `youtube-transcript-api`.

# Installation Instructions:

1. **Install Python Libraries**:
   - Run the following commands to install the necessary libraries:

   ```
   pip install pytube
   pip install youtube-transcript-api
   ```

2. **Batch Files Setup**:
   - Ensure that `transcript.bat` and `playlist.bat` are correctly set up in your `C:\Scripts\` directory.

📁 playlist

📁 transcript

📄 playlist.bat
📄 playlist.py

📄 transcript.bat
📄 transcript.py

3. **Environment Variables**:

- Add `C:\Scripts` to your system's PATH environment variable to allow the use of these commands globally from any directory in the Command Prompt.

Edit the system environment variables

Control panel

System Properties                                                    ✕

Computer Name | Hardware | Advanced | System Protection | Remote

You must be logged on as an Administrator to make most of these changes.

Performance

Visual effects, processor scheduling, memory usage, and virtual memory

Settings...

User Profiles

Desktop settings related to your sign-in

Settings...

Startup and Recovery

System startup, system failure, and debugging information
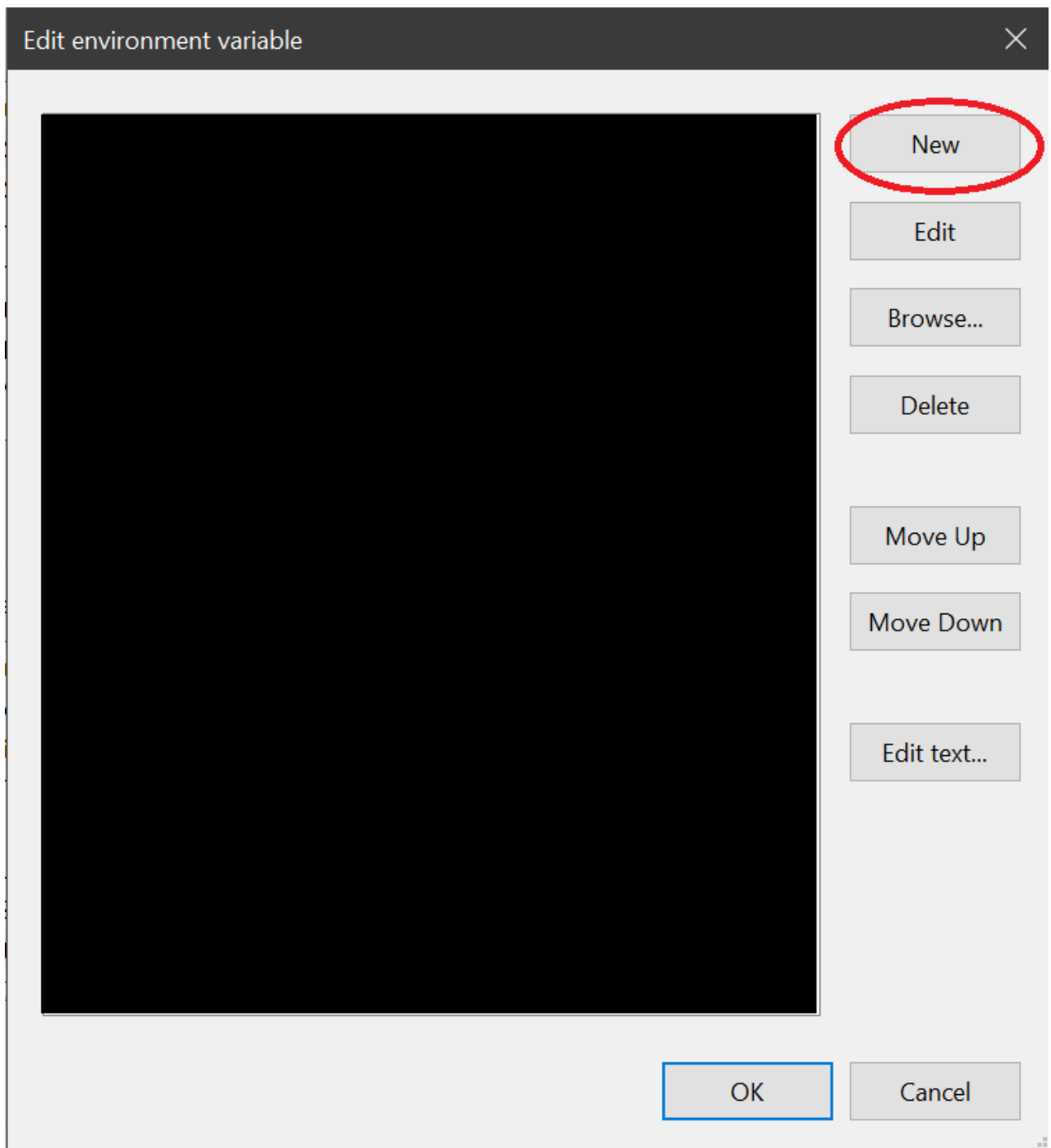
Settings...

Environment Variables...

OK          Cancel          Apply

## Troubleshooting:

- **URL or Video ID Issues**: Make sure that the video ID or playlist URL is correctly formatted and enclosed in quotes if it contains special characters.
- **PATH Configuration**: Ensure that `C:\Scripts` is correctly added to the PATH environment variable, and that the batch files are located in their respective directory. `C:\Scripts\playlist` `C:\Scripts\transcript`

# Contributors:

- Drew Thorsen: Original script and command setup.