

# Python-PlexAPI

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Python-PlexAPI is a utility tool with intent of performing actions on your [Plex](#) instance by interacting with the Plex API. Included features are library actions such as scan, analyze, empty trash among many other things.

- More information can be found [here](#).

## Prerequisites

- Python version 3.5 or above. See [here](#).
- [Plex](#) instance installed on your service.

## Installation

Do note, Python-PlexAPI requires some familiarity with the Linux terminal and scripting in general. If you are new to this, you should start by reading [Your Ultra.cc Shell - A Beginner's Guide](#).

- Connect to your Ultra.cc service via [SSH](#)
- Once connected, execute the following command:

```
pip install plexapi
```

- Once the installation has completed, you can begin using the utility tool.
- In this guide, we will use our pre-made script that lists all your media titles in a `.txt` file.
  - However, this is just one of many usecases. Other examples can be found [here](#).
- Start by downloading the script to your Ultra service with the following command.

```
wget https://scripts.ultra.cc/util/Python-PlexAPI/main.py
```

- Next, open the file in the Nano editor.

```
nano main.py
```

- Before you can use the script, you need to edit the `plex_url`, `plex_token` and the library names of your Plex server.
  - You can find your Plex IP in the Plex webUI. Navigate to **Settings > Remote Access** and copy the **Private IP**. It will be in the format of `172.17.0.xxx`. Do note, if Plex is restarted/upgraded, the private IP might change, and you will need to update your script with the new IP.
  - You can find your Plex token by following the instructions in [this link](#).
  - Additionally, you must edit the script to reflect your library names instead of 4K Movies, 1080p Movies and TV Shows.
    - The `file.write` row represents what is written to the file by the script.
    - The `plex.library.section` row is the name of the Plex library the script should look for.
- Once you have edited the script with your Plex server details and library names, you can save and exit the editor.
  - To save and exit, press `CTRL+X` and `Y`, then press `ENTER` to confirm.
- To run the script, execute the following command:

```
python main.py
```

- Depending on the size of your library, it may take some time to execute.
- If the execution of the script was successful, you should see the following output in your terminal.

```
ultradocs@spica: ~$ python plexapi.py
Media titles with release year have been written to plex_media_titles_with_year.txt
```

- You can find your media titles listed in `plex_media_titles_with_year.txt`

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