

## DMeta Download Tracker DMDT (Part I)

December 2023

One of the very first offerings programmers and users may find useful is:

- DMeta Download Tracker DMDT

This is a simple utility any existing GitHub repo owner can include, for users to download, and use it to register the download with hash strings, so that the chain of hashes can be used to register royalty payment due for each party concerned ....

In this article, we will explain how to download and use DMeta Download Tracker DMDT. Two other articles exist for different purposes:

- A. Philosophical, political and business considerations on Metanarchy (Metaverse + A- + -narchy) and DMeta Decentrali\*ed Metaverse
- B. Technical Notes and Tutorials on DMeta Download Tracker DMDT and Python Phoscript (PyPhos) Implementation
- C. When All Else Fail (answers to knee jerk responses) ....  
AI, hash and open source ....  
AI and Metanarchy = Meta-AI-narchy?

In a nutshell, DMDT is a simple Python script to help you generate a JSON string containing the address of a web page or a repository that you downloaded, plus any other additional information:

```
{"h": "HlNHkRhynQ==", "u": "https://github.com/godmeta/DMeta/blob/main/dmdt.py",  
"name": "Adam", "t": "2023-12-05 21:41:49.011888"}
```

1. DMDT can be downloaded from:
  - <https://github.com/godmeta/DMeta>
2. After unzipping in an operating system environment capable of running Python (Windows, Linux or MacOS), run dmdt.py in Python interactive mode (figure 1):

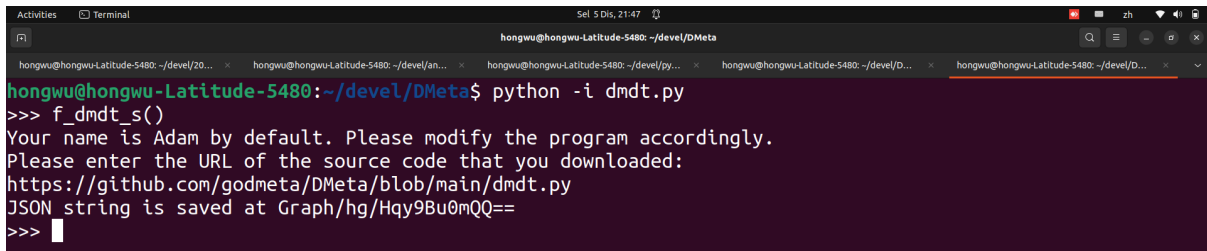
```
$ python -i dmdt.py
```

Then execute:

```
>>> f_dmdt_s()
```

The output message will be something like:

```
JSON string is saved at Graph/hg/Hqy9Bu0mQQ==
```



```
hongwu@hongwu-Latitude-5480: ~/devel/DMeta$ python -i dmdt.py
>>> f_dmdt_s()
Your name is Adam by default. Please modify the program accordingly.
Please enter the URL of the source code that you downloaded:
https://github.com/godmeta/DMeta/blob/main/dmdt.py
JSON string is saved at Graph/hg/Hqy9Bu0mQQ==
>>>
```

Figure 1

3. The output can be viewed using Linux bash cat command (figure 2):

```
$ cat Graph/hg/Hqy9Bu0mQQ==;echo
```

The trailing ;echo is to provide an extra newline as the file does not have one.



```
hongwu@hongwu-Latitude-5480: ~/devel/DMeta$ cat Graph/hg/Hqy9Bu0mQQ==;echo
{"h": "HlNhkRhynQ==", "u": "https://github.com/godmeta/DMeta/blob/main/dmdt.py", "name": "Adam", "t": "2023-12-05 21:41:49.011888"}
hongwu@hongwu-Latitude-5480: ~/devel/DMeta$
```

Figure 2

4. After you generated the JSON string, you may want to inform the repository owner by creating an Issue on his (her + LGBTQ++ pronouns LOL) repo, and invite him (her++) to download DMeta Download Tracker and join DMeta Decentrali\*ed Metaverse (figure 4 and 5).

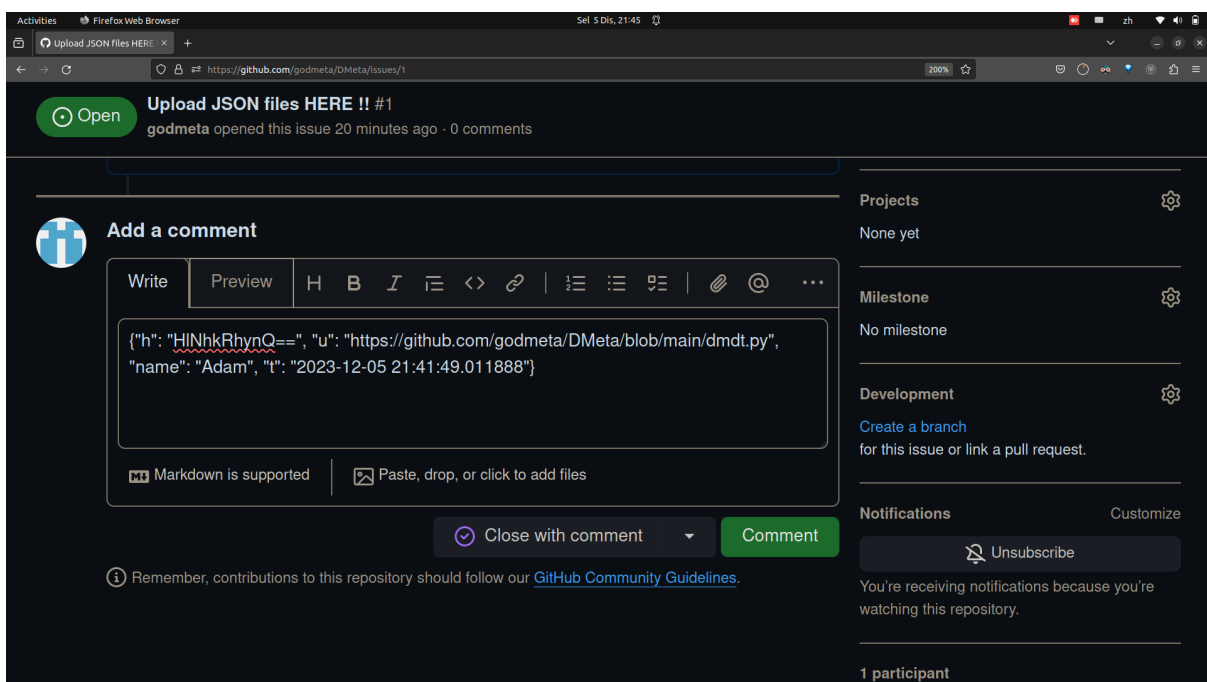


Figure 3

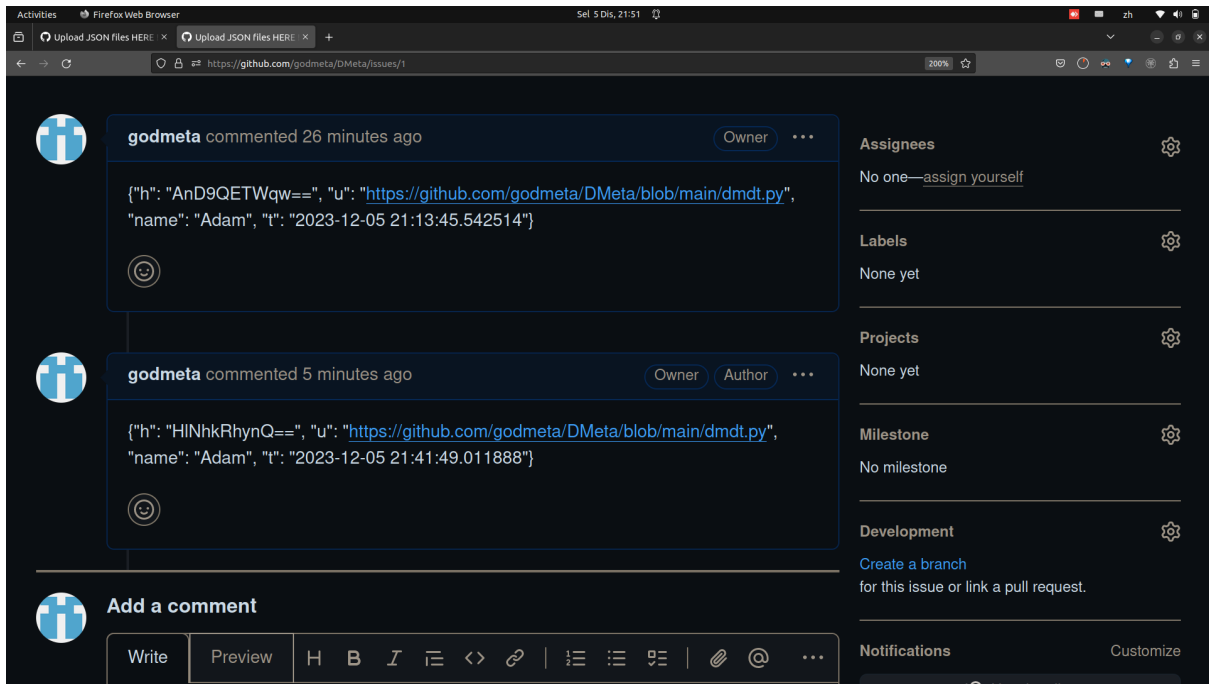


Figure 4

4. If you are a repo owner, you might want to create a subdirectory called Graph/hg to save the JSON string files, as shown in figure 5.

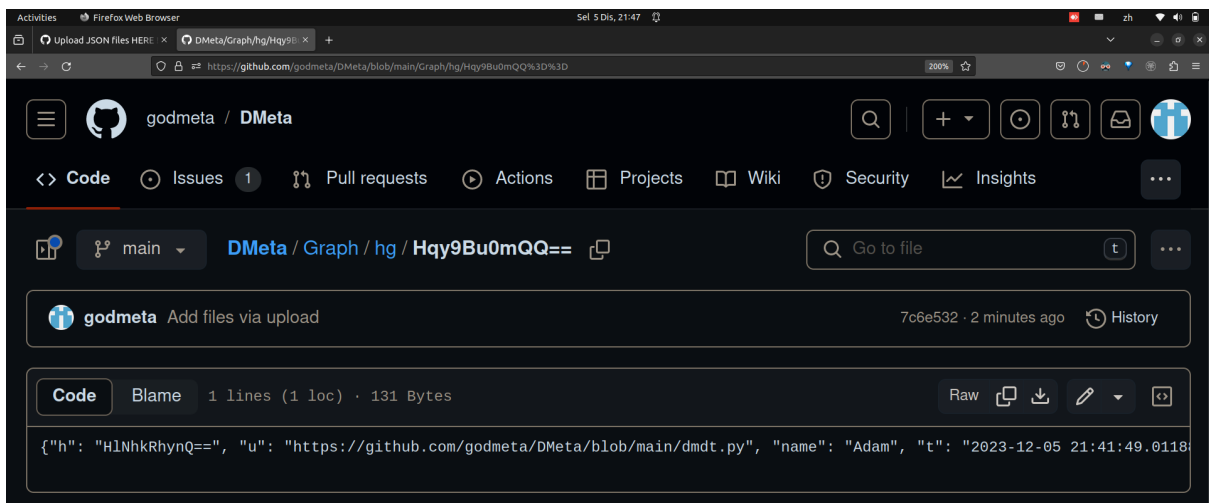


Figure 5