

When to Use What?

Use `wget` when you need to download files (especially large files, recursively, or with resuming support).

Use `curl` when you need to interact with APIs, send HTTP requests, or work with multiple protocols.

wget

1. To simply download a webpage:

To download a single file from a URL, simply specify the URL as follows:

```
wget http://example.com/sample.php
```

2. To download the file in background

Run the download process in the background using the `-b` or `--background` option:

```
wget -b http://www.example.com/samplepage.php
```

3. To overwrite the log while of the wget command

Redirect the output messages to a log file using the `-o` option:

```
wget http://www.example.com/filename.txt -o /path/filename.txt
```

4. To resume a partially downloaded file

If a download is interrupted, resume it using the `-c` option:

```
wget -c http://example.com/samplefile.tar.gz
```

5. To try a given number of times

Specify the number of retry attempts using the `--tries` option:

```
wget --tries=10 http://example.com/samplefile.tar.gz
```

6. Read URLs from File:

Read URLs from a file and download them using the `-i` option:

```
wget -i urls.txt
```

7. Set Wait Time Between Retrievals:

Set the wait time between retrievals using the `-w` option (in seconds, minutes, hours, or days):

```
wget -w 10 http://example.com/large_file.zip
```

8. Enable Recursive Retrieval:

Enable recursive retrieval to download an entire website using the `-r` option:

```
wget -r http://example.com/
```

curl

command-line tool used to transfer data from or to a server using various protocols such as HTTP, HTTPS, FTP,

examples:

1. Sending HTTP Requests (GET, POST, PUT, DELETE)

a.curl -X GET https://reqres.in/api/users?page=2

b.curl -X POST https://reqres.in/api/users \

-H "Content-Type: application/json" \

-d '{"name": "John", "job": "Developer"}'

c.curl -X PUT https://reqres.in/api/users/2 \

-H "Content-Type: application/json" \

-d '{"name": "John Updated", "job": "Senior Developer"}'

d.curl -X DELETE https://reqres.in/api/users/2

2. Fetching Webpage Content

curl http://www.google.com/

3. Downloading Files

curl https://geeksforgeeks.org -o geeks.html