

Wget Command Cheat Sheet for Ubuntu

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Basic Usage

Download a single file:

```
wget https://example.com/file.zip
```

Save file under a new name:

```
wget -O newname.zip https://example.com/file.zip
```

Save to a specific directory:

```
wget -P ~/Downloads https://example.com/file.zip
```

Download multiple files from a list:

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

Download Customization

Resume interrupted download:

```
wget -c https://example.com/largefile.zip
```

Limit download speed (e.g., 500KB/s):

```
wget --limit-rate=500k https://example.com/file.zip
```

Download in the background:

```
wget -b https://example.com/largefile.zip
```

Set number of retry attempts:

```
wget --tries=15 https://example.com/file.zip
```

Download numbered files (1–100):

```
wget https://example.com/image{1..100}.jpg
```

Use timestamping (only download if newer):

```
wget -N https://example.com/file.zip
```

Website Mirroring & Crawling

Mirror entire website:

```
wget --mirror --convert-links --page-requisites --no-parent https://example.com
```

Limit recursion depth (e.g., 2 levels):

```
wget --recursive --level=2 https://example.com
```

Check for broken links (spider mode):

```
wget --spider --recursive --no-verbose https://example.com
```

Authentication & Security

HTTP authentication (protected pages):

```
wget --user=username --password=pass https://example.com/secure.zip
```

FTP download with login:

```
wget --ftp-user=user --ftp-password=pass ftp://example.com/file.zip
```

Ignore SSL certificate warnings (unsafe):

```
wget --no-check-certificate https://example.com/file.zip
```

Spoof user agent (pretend to be a browser):

```
wget --user-agent="Mozilla/5.0\" https://example.com/file.zip
```

Use proxy for download:

```
export http_proxy=http://proxy:port\nwget https://example.com/file.zip
```

Advanced Wget Options

Set timeout for download (in seconds):

```
wget --timeout=30 https://example.com/file.zip
```

Set download quota (e.g., 10MB max):

```
wget --quota=10m https://example.com/files/
```

Download all files matching pattern (e.g., *.pdf):

```
wget -r -A.pdf https://example.com/resources/
```

Log output to a specific file:

```
wget -o log.txt https://example.com/file.zip
```

Tip: Use `man wget` in the terminal to view the full manual with all available options.