mangadex-downloader

Release 2.10.3

mansuf

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CONTENTS

A command-line tool to download manga from MangaDex, written in Python.

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KEY FEATURES

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- Download manga or list from user library

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- Download manga in each chapters, each volumes, or wrap all chapters into single file

- Search (with filters) and download manga

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GETTING STARTED

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3.1 Installation

3.1.1 Stable version

With PyPI

```
# For Windows
py -3 -m pip install mangadex-downloader

# For Linux / Mac OS
python3 -m pip install mangadex-downloader
```

Compiled app (for Windows only)

Go to latest release in https://github.com/mansuf/mangadex-downloader/releases and download it.

NOTE: According to `pyinstaller` it should support Windows 7, but its recommended to use it on Windows 8+.

3.1.2 Development version

> **Warning:** This version is not stable and may crash during run.

With PyPI & Git

NOTE: You must have git installed. If you don't have it, install it from here https://git-scm.com/.

```
# For Windows
py -3 -m pip install git+https://github.com/mansuf/mangadex-downloader.git

# For Linux / Mac OS
python3 -m pip install git+https://github.com/mansuf/mangadex-downloader.git
```

With Git only

NOTE: You must have git installed. If you don't have it, install it from here https://git-scm.com/.

```
git clone https://github.com/mansuf/mangadex-downloader.git
cd mangadex-downloader
python setup.py install
```

3.2 Supported formats

mangadex-downloader can download in different formats, here a list of supported formats.

3.2.1 raw

This is default format of mangadex-downloader. It's just bunch of images stored in each chapter folders.

Structure files

raw format files look like this

```
Manga title
  Volume. 1 Chapter. 1
    images
  Volume. 1 Chapter. 2
    images
  cover.jpg
```

Usage

```
mangadex-dl "insert MangaDex URL here"
```

3.2.2 raw-volume

Same as `raw` format, except all chapters wrapped into each volumes.

Structure files

`raw-volume` format files look like this

```
Manga title
  Volume. 1
    images
  No Volume
    images
  cover.jpg
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as raw-volume
```

3.2.3 raw-single

Same as `raw` format, except all chapters wrapped into single folder.

Structure files

`raw-single` format files look like this

```
Manga title
  Volume. 1 Chapter. 1 - Volume. 1 Chapter. 2
    images
  cover.jpg
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as raw-single
```

3.2.4 tachiyomi

Same as `raw` format, except it has additional file "details.json" to provide additional info for manga.

If you don't know tachiyomi, it's android app for reading manga and it's open source !. You can learn more here

You can read here for instruction how to create local manga in tachiyomi.

NOTE: mangadex-downloader are not affiliated with tachiyomi, the app only provide custom format for tachiyomi local manga.

Structure files

`tachiyomi` format files look like this

```
Manga title
  Volume. 1 Chapter. 1
   images
  Volume. 1 Chapter. 2
   images
  cover.jpg
  details.json
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "tachiyomi"
```

3.2.5 tachiyomi-zip

Same as `tachiyomi` except, all images in each chapter will stored in ZIP file.

Structure files

`tachiyomi-zip` format files look like this

```
 Manga title
  cover.jpg
  details.json
  Volume. 1 Chapter. 1.cbz
  Volume. 1 Chapter. 2.cbz
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "tachiyomi-zip"
```

3.2.6 pdf

All images in each chapter will be converted to PDF file (.pdf)

Structure files

pdf format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1.pdf
  Volume. 1 Chapter. 2.pdf
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "pdf"
```

3.2.7 pdf-volume

Same as pdf, except all chapters wrapped into each volumes PDF file.

Structure files

pdf-volume format files look like this

```
Manga title
  cover.jpg
  Volume. 1.pdf
  Volume. 2.pdf
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "pdf-volume"
```

3.2.8 pdf-single

same as pdf format, except all chapters wrapped into single PDF file

Structure files

pdf-single format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1 - Volume. 1 Chapter. 2.pdf
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "pdf-single"
```

3.2.9 cbz

This is Comic Book Archive format. Comic Book Archive is a type of archive file for the purpose of sequential viewing of images, commonly for comic books. wikipedia

It has additional file (`ComicInfo.xml`) inside of .cbz file, useful for showing details of the manga (if an reader support it).

This format was based of `zip` extension.

Structure files

cbz format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1.cbz
  Volume. 1 Chapter. 2.cbz
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cbz"
```

3.2.10 cbz-volume

same as `cbz` format, except all chapters wrapped into each volumes .cbz file

Structure files

cbz-volume format files look like this

```
Manga title
  cover.jpg
  Volume. 1.cbz
  Volume. 2.cbz
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cbz-volume"
```

3.2.11 cbz-single

same as `cbz` format, except all chapters wrapped into single .cbz file

Structure files

`cbz-single` format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1 - Volume. 1 Chapter. 2.cbz
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cbz-single"
```

3.2.12 cb7

This is Comic Book Archive format. Comic Book Archive is a type of archive file for the purpose of sequential viewing of images, commonly for comic books. wikipedia

This format was based of `7z` extension.

Structure files

`cb7` format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1.cb7
  Volume. 1 Chapter. 2.cb7
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cb7"
```

3.2.13 cb7-volume

same as `cb7` format, except all chapters wrapped into each volumes .cb7 file

Structure files

`cb7-volume` format files look like this

```
Manga title
  cover.jpg
  Volume. 1.cb7
  Volume. 2.cb7
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cb7-volume"
```

3.2.14 cb7-single

same as `cb7` format, except all chapters wrapped into single .cb7 file

Structure files

`cb7-single` format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1 - Volume. 1 Chapter. 2.cb7
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "cb7-single"
```

3.2.15 epub

An electronic book file format that is supported by many e-readers. Wikipedia.

This format was based of `zip` extension

Structure files

epub format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1.epub
  Volume. 1 Chapter. 2.epub
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "epub"
```

3.2.16 epub-volume

Same as epub format, except all chapters wrapped into each volumes.

Note: Unlike any other volume and single formats, epub-volume and epub-single doesn't create chapter info (or cover).

If you don't know what that means, you can have look here -> *Chapter info (cover)*

Structure files

epub-volume format files look like this

```
Manga title
  cover.jpg
  Volume. 1.epub
  Volume. 2.epub
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "epub-volume"
```

3.2.17 epub-single

Same as epub format, except all chapters wrapped into single .epub file.

Note: Unlike any other volume and single formats, epub-volume and epub-single doesn't create chapter info (or cover).

If you don't know what that means, you can have look here -> *Chapter info (cover)*

Structure files

`epub-single` format files look like this

```
Manga title
  cover.jpg
  Volume. 1 Chapter. 1 - Volume. 1 Chapter. 2.epub
```

Usage

```
mangadex-dl "insert MangaDex URL here" --save-as "epub-single"
```

3.3 Usage

3.3.1 Download manga, cover manga, chapter or list

```
# Manga
mangadex-dl "https://mangadex.org/title/..."

# Cover manga
mangadex-dl "https://mangadex.org/covers/..."

# Chapter
mangadex-dl "https://mangadex.org/chapter/..."

# List
mangadex-dl "https://mangadex.org/list/..."

# Or you can just give the id
mangadex-dl "a96676e5-8ae2-425e-b549-7f15dd34a6d8"
```

> **Warning:** If you want to download private list and you own that list, you must login by using `--login` option. Otherwise you will get error "List … cannot be found"
>
> ```
> mangadex-dl "https://mangadex.org/list/..." --login
> # You will be prompted to input (username or email) and password
> ```

mangadex-downloader also support old MangaDex url

```
# Old manga url
mangadex-dl "https://mangadex.org/title/123"

# Old chapter url
mangadex-dl "https://mangadex.org/chapter/34"
```

> **Warning:** Old MangaDex url only support full URL, not just the id. If you just provide old id, it will not work.
>
> For example
> ```
> # This will work
> mangadex-dl "https://mangadex.org/title/34"
>
>
> # This will NOT work
> mangadex-dl "34"
> ```

3.3.2 Download from a forums thread

```
mangadex-dl "https://forums.mangadex.org/threads/..."

# An example
mangadex-dl "https://forums.mangadex.org/threads/whats-your-top-3-manga.1082493/"
```

For more info, you can see it here -> *Forums*

3.3.3 Batch download

mangadex-downloader support batch downloading. Just type a file and you're good to go !.

Make sure contents of the file are list of MangaDex urls

```
# Inside of `urls.txt` file


https://mangadex.org/title/manga_id
https://mangadex.org/chapter/chapter_id
https://mangadex.org/list/list_id
```

Example usage:

```
mangadex-dl "insert a file here"
```

> **Warning:** If you give invalid path to file that containing MangaDex urls, the app will see it as URL. See example below
> ```
> # Not valid path
> $ mangadex-dl "not-exist-lol/lmao.txt"
> # error: argument URL: Invalid MangaDex URL or manga id
>
> # valid path
> $ mangadex-dl "yes-it-exist/exist.txt"
> # ...
> ```

3.3.4 Download manga, chapter or list in different format

mangadex-downloader support download manga as different format. For more info about supported formats, you can see it here -> *Supported formats*

By default, mangadex-downloader will download in `raw` format. Which just a bunch of images stored in each chapter folder. You can use different format by using `--save-as` option.

```
# Save as .pdf
mangadex-dl "https://mangadex.org/title/..." --save-as pdf

# Save as .cbz
mangadex-dl "https://mangadex.org/title/..." --save-as cbz

# Save as raw
mangadex-dl "https://mangadex.org/title/..." --save-as raw
```

3.3.5 Search a manga and then download it

mangadex-downloader support search and download. You can use it by adding `--search` option.

```
mangadex-dl "komi san" --search
# Output:
# ============================
# Search results for "komi san"
# ============================
# (1). ...
# (2). ...
# (3). ...
# (4). ...
# (5). ...
# (6). ...
# (7). ...
# (8). ...
# (9). ...
# (10). ...

# type "next" to show next results
# type "previous" to show previous results
# =>
# ...
```

3.3.6 Download manga, chapter, or list in different translated language

By default, the app will download in English language. To view all available languages, use `--list-languages` option.

```
mangadex-dl --list-languages
# ...
```

An example downloading a manga in Indonesian language.

```
mangadex-dl "https://mangadex.org/title/..." --language "id"
mangadex-dl "https://mangadex.org/title/..." --language "Indonesian"
```

3.3.7 File management

mangadex-downloader support store in different path / folder.

```
mangadex-dl "https://mangadex.org/title/..." --folder "insert directory here"

# or

mangadex-dl "https://mangadex.org/title/..." --path "insert directory here"

# or

mangadex-dl "https://mangadex.org/title/..." -d "insert directory here"
```

It also support replace existing manga, chapter or list

```
mangadex-dl "https://mangadex.org/title/..." --replace
```

Also, you can add chapter title for each folder.

```
mangadex-dl "https://mangadex.org/title/..." --use-chapter-title
```

By default, mangadex-downloader will add scanlator group name for each chapter folder. If you don't want this, use `--no-group-name` option

```
mangadex-dl "https://mangadex.org/title/..." --no-group-name
```

3.3.8 Chapters and pages range

mangadex-downloader support download manga with specified range chapters and pages

```
# This will download chapters from 20 to 69
mangadex-dl "https://mangadex.org/title/..." --start-chapter 20 --end-chapter 69

# This will download chapters from 20 to 69 and pages from 5 to 20
mangadex-dl "https://mangadex.org/title/..." --start-chapter 20 --end-chapter 69 --start-
↪page 5 --end-page 20
```

> **Warning:** If you use `--start-page` and `--end-page` when downloading manga it will download all chapter with specified range pages

You can use `--start-page` and `--end-page` too when downloading a chapter

```
mangadex-dl "https://mangadex.org/chapter/..." --start-page 5 --end-page 20
```

> **Warning:** You can't use these options when downloading a list. If you're trying to do that, it will throw a error.
>
> ```
> mangadex-dl "https://mangadex.org/list/..." --start-chapter 20 --end-chapter 69
> # Output: [ERROR] --start-chapter is not allowed when download a list
> ```

By default, oneshot chapter are downloaded. If you don't want download oneshot chapter, use `--no-oneshot-chapter`.

Example usage:

```
mangadex-dl "https://mangadex.org/title/..." --no-oneshot-chapter
```

3.3.9 Manga cover

```
# Download manga with original quality cover (the default)
mangadex-dl "https://mangadex.org/title/..." --cover "original"

# 512px quality
mangadex-dl "https://mangadex.org/title/..." --cover "512px"

# 256px quality
mangadex-dl "https://mangadex.org/title/..." --cover "256px"

# No cover
mangadex-dl "https://mangadex.org/title/..." --cover "none"
```

3.3.10 Login to MangaDex

You can download private list and manga from your library if you logged in.

```
mangadex-dl "https://mangadex.org/list/..." --login
# MangaDex username / email => "insert MangaDex username or email here"
# MangaDex password => "insert MangaDex password here"
# [INFO] Logging in to MangaDex
# [INFO] Logged in to MangaDex
# ...
```

You can specify (username or email) and password without be prompted (less secure) ! using `--login-username` and `--login-password`

```
mangadex-dl "https://mangadex.org/title/..." --login --login-username "..." --login-
↪password "..."
# [INFO] Logging in to MangaDex
# [INFO] Logged in to MangaDex
# ...
```

3.3.11 Choose and download random manga

In case you wanna try something different, this feature is for you !

Example usage:

```
mangadex-dl "random"
```

it also support filters

```
mangadex-dl "random" --filter "content_rating=safe, suggestive"
```

For more information, see *Random manga*

3.3.12 Download seasonal manga

Trying to see something good in this season ?

```
mangadex-dl "seasonal"
```

For more information, see *Seasonal manga*

3.3.13 Update mangadex-downloader

```
mangadex-dl --update
```

3.4 Advanced usage

3.4.1 Enable verbose output / change logging level

Starting v2.10.0, you can enable verbose output from `--log-level` with value `DEBUG`.

```
mangadex-dl "insert MangaDex URL here" --log-level "DEBUG"
```

Change logging level to warning.

Note: This level will only show output if the levels are warning, error and critical

For more information, see *Logging levels*

```
mangadex-dl "insert MangaDex URL here" --log-level "WARNING"
```

3.4.2 Show list of manga covers and download it

Wanna download the cover only ? I got you

```
# Manga id only
mangadex-dl "cover:manga_id"

# Full manga URL
mangadex-dl "cover:https://mangadex.org/title/..."

# Full cover manga URL
mangadex-dl "cover:https://mangadex.org/covers/..."
```

Don't wanna get prompted ? Use `--input-pos` option !

```
# Automatically select choice 1
mangadex-dl "cover:https://mangadex.org/title/..." --input-pos 1

# Automatically select all choices
mangadex-dl "cover:https://mangadex.org/title/..." --input-pos "*"
```

Note: This will download covers in original quality. If you want to use different quality, use command `cover-512px` for 512px quality and `cover-256px` for 256px quality.

For more information, see *Cover command*

3.4.3 Download a manga with different title

mangadex-downloader also support multi titles manga, which mean you can choose between different titles in different languages !

Example usage:

```
mangadex-dl "https://mangadex.org/title/..." --use-alt-details
# Manga "..." has alternative titles, please choose one
# (1). [English]: ...
# (2). [Japanese]: ...
# (3). [Indonesian]: ...
# =>
```

Warning: When you already downloaded a manga, but you wanna download it again with different title. It will re-download the whole manga.

3.4.4 Download manga with compressed size images

If you have limited plan or metered network, you can download manga, chapter, or list with compressed size. And yes, this may reduce the quality. But hey, atleast it saved you from huge amount of bytes

Example Usage:

```
mangadex-dl "https://mangadex.org/title/..." --use-compressed-image
```

3.4.5 Download manga from logged in user library

> **Warning:** This method require authentication

mangadex-downloader support download from user library. Just type `library`, login, and select which manga you want to download.

For example:

```
mangadex-dl "library" --login
# You will be prompted to input username and password for login to MangaDex
```

You can also apply filter to it !

```
# List all mangas with "Reading" status from user library
mangadex-dl "library:reading" --login

# List all mangas with "Plan to read" status from user library
mangadex-dl "library:plan_to_read" --login
```

To list all available filters type `library:help`

```
mangadex-dl "library:help"
# ...
```

3.4.6 Download MangaDex list from logged in user library

> **Warning:** This method require authentication

You can download MangaDex list from logged in user library. Just type `list`, login, and select mdlist you want to download.

For example:

```
mangadex-dl "list" --login
# You will be prompted to input username and password for login to MangaDex
```

Also, you can download mdlist from another user. It will only fetch all public list only.

Note: Authentication is not required when download MangaDex list from another user.

For example:

```
mangadex-dl "list:give_the_user_id_here"
```

3.4.7 Download MangaDex followed list from logged in user library

> **Warning:** This method require authentication

You can download MangaDex followed list from logged in user library. Just type `followed-list`, login, and select mdlist you want to download.

```
mangadex-dl "followed-list" --login
# You will be prompted to input username and password for login to MangaDex
```

3.4.8 Download manga from scanlator group

You can download manga from your favorite scanlator groups !. Just type `group:<group-id>`, and then choose which manga you want to download.

```
# "Tonikaku scans" group
mangadex-dl "group:063cf1b0-9e25-495b-b234-296579a34496"
```

You can also give the full URL if you want to

```
mangadex-dl "group:https://mangadex.org/group/063cf1b0-9e25-495b-b234-296579a34496/
→tonikaku-scans?tab=titles"
```

This was equal to these command if you use search with filters

```
mangadex-dl -s -ft "group=063cf1b0-9e25-495b-b234-296579a34496"
```

3.4.9 Blacklist a group or user

Sometimes you don't like the chapter that this user or group upload it. You can use this feature to prevent the chapter being downloaded.

Group

```
# For Windows
set MANGADEXDL_GROUP_BLACKLIST=4197198b-c99b-41ae-ad21-8e6ecc10aa49, 0047632b-1390-493d-
→ad7c-ac6bb9288f05

# For Linux / Mac OS
export MANGADEXDL_GROUP_BLACKLIST=4197198b-c99b-41ae-ad21-8e6ecc10aa49, 0047632b-1390-
→493d-ad7c-ac6bb9288f05
```

User

```
# For Windows
set MANGADEXDL_USER_BLACKLIST=1c4d814e-b1c1-4b75-8a69-f181bb4e57a9, f8cc4f8a-e596-4618-
↪ab05-ef6572980bbf

# For Linux / Mac OS
export MANGADEXDL_USER_BLACKLIST=1c4d814e-b1c1-4b75-8a69-f181bb4e57a9, f8cc4f8a-e596-
↪4618-ab05-ef6572980bbf
```

For more information, see *Environment variables*

3.4.10 Blacklist one or more tags

Sometimes you don't like manga that has **some** tags. You can use this feature to prevent the manga being downloaded.

```
# For Windows
set MANGADEXDL_TAGS_BLACKLIST=gore, sexual violence, oneshot

# For Linux / Mac OS
export MANGADEXDL_TAGS_BLACKLIST=gore, sexual violence, oneshot
```

For more information, see *Environment variables*

3.4.11 Download manga, chapter, or list from pipe input

mangadex-downloader support pipe input. You can use it by adding `-pipe` option.

```
echo "https://mangadex.org/title/..." | mangadex-dl -pipe
```

Multiple lines input also supported.

```
# For Linux / Mac OS
cat "urls.txt" | mangadex-dl -pipe

# For Windows
type "urls.txt" | mangadex-dl -pipe
```

Also, you can use another options when using pipe

```
echo "https://mangadex.org/title/..." | mangadex-dl -pipe --path "/home/myuser" --cover
↪"512px"
```

3.4.12 Scanlator group filtering

You can download chapters only from 1 scanlation group, by using `--group` option

```
# This will download all chapters from group "Tonikaku scans" only
mangadex-dl "https://mangadex.org/title/..." --group "https://mangadex.org/group/
↪063cf1b0-9e25-495b-b234-296579a34496/tonikaku-scans"
```

You can download all same chapters with different groups, by using `--group` option with value "all"

```
# This will download all chapters, regardless of scanlation groups
mangadex-dl "https://mangadex.org/title/..." --group "all"
```

> **Warning:** You cannot use `--group all` and `--no-group-name` together. It will throw error, if you're trying to do it

Also, you can use user as filter in `--group` option.

For example:

```
mangadex-dl "https://mangadex.org/title/..." --group "https://mangadex.org/user/..."
```

3.4.13 Setup proxy

```
# HTTP proxy
mangadex-dl "https://mangadex.org/title/..." --proxy "http://127.0.0.1"

# SOCKS proxy
mangadex-dl "https://mangadex.org/title/..." --proxy "socks://127.0.0.1"
```

mangadex-downloader support proxy from environments

```
# For Linux / Mac OS
export http_proxy="http://127.0.0.1"
export https_proxy="http://127.0.0.1"

# For Windows
set http_proxy=http://127.0.0.1
set https_proxy=http://127.0.0.1

mangadex-dl "insert mangadex url here" --proxy-env
```

> **Warning:** You cannot use `--proxy` and `--proxy-env` together. It will throw error, if you're trying to do it

3.4.14 Special syntax for batch download

To avoid conflict filenames with reserved names (such as: `list`, `library`, `followed-list`) in URL argument, you can use special syntax for batch download

For example:

```
mangadex-dl "file:/home/manga/urls.txt"

mangadex-dl "file:list"
```

For more information, see *File command (batch download command)*

3.4.15 Configuration

mangadex-downloader support local config stored in local disk. You must set `MANGADEXDL_CONFIG_ENABLED` to 1 or `true` in order to get working.

```
# For Windows
set MANGADEXDL_CONFIG_ENABLED=1

# For Linux / Mac OS
export MANGADEXDL_CONFIG_ENABLED=1
```

These config are stored in local user directory (`~/.mangadex-dl`). If you want to change location to store these config, you can set `MANGADEXDL_CONFIG_PATH` to another path.

Note: If new path is doesn't exist, the app will create folder to that location.

```
# For Windows
set MANGADEXDL_CONFIG_PATH=D:\myconfig\here\lmao

# For Linux / Mac OS
export MANGADEXDL_CONFIG_PATH="/etc/mangadex-dl/config"
```

Example usage

```
mangadex-dl "conf:save_as=pdf"
# Successfully changed config save_as from 'raw' to 'pdf'

mangadex-dl "conf:use_chapter_title=1"
# Successfully changed config use_chapter_title from 'False' to 'True'
```

For more information, you can see -> *Configuration*

3.4.16 Authentication cache

mangadex-downloader support authentication cache, which mean you can re-use your previous login session in mangadex-downloader without re-login.

Note: This authentication cache is stored in same place as where *config* is stored.

You have to enable *config* in order to get working.

If you enabled authentication cache for the first time, you must login in order to get cached.

```
mangadex-dl "https://mangadex.org/title/..." --login --login-cache

# or

mangadex-dl "conf:login_cache=true"
mangadex-dl "https://mangadex.org/title/..." --login
```

After this command, you no longer need to use `--login` option, use `--login` option if you want to update user login.

```
# Let's say user "abc123" is already cached
# And you want to change cached user to "def9090"
mangadex-dl "https://mangadex.org/title/..." --login
```

For more information, you can see here -> *Authentication cache*

3.4.17 Filters

mangadex-downloader support filters. These filters applied to search and random manga.

Example usage (Search manga)

```
# Search manhwa with status completed and ongoing, with tags "Comedy" and "Slice of life"
mangadex-dl -s -ft "status=completed,ongoing" -ft "original_language=Korean" -ft
↪"included_tags=comedy, slice of life"

# or

mangadex-dl -s -ft "status=completed,ongoing" -ft "original_language=Korean" -ft
↪"included_tags=4d32cc48-9f00-4cca-9b5a-a839f0764984, e5301a23-ebd9-49dd-a0cb-
↪2add944c7fe9"
```

Example usage (Random manga)

```
# Search manga with tags "Comedy" and "Slice of life"
mangadex-dl "random" -ft "included_tags=comedy, slice of life"

# or

mangadex-dl "random" -ft "included_tags=4d32cc48-9f00-4cca-9b5a-a839f0764984, e5301a23-
↪ebd9-49dd-a0cb-2add944c7fe9"
```

For more information about syntax and available filters, see *Filters*

3.4.18 Download manga, chapter, or list in forced HTTPS 443 port

To prevent school/office network blocking traffic to non-standard ports. You can use `--force-https` or `-fh` option

For example:

```
mangadex-dl "https://mangadex.org/title/..." --force-https
```

3.4.19 Throttling requests

If you worried about being blocked by MangaDex if you download too much, you can use this feature to throttle requests.

Example usage:

```
# Delay requests for each 1.5 seconds
mangadex-dl "https://mangadex.org/title/..." --delay-requests 1.5
```

3.4.20 Enable DNS-over-HTTPS

mangadex-downloader support DoH (DNS-over-HTTPS). You can use it in case your router or ISP being not friendly to MangaDex server.

Example usage

```
mangadex-dl "https://mangadex.org/title/..." --dns-over-https cloudflare
```

If you're looking for all available providers, see here

3.4.21 Set timeout for each HTTP(s) requests

In case if you don't have patience

```
# Set timeout for 2 seconds for each HTTP(s) requests
mangadex-dl "https://mangadex.org/title/..." --timeout 2
```

3.4.22 Auto select choices from selectable prompt command (list, library, followed-list)

In case you didn't want to be prompted, you can use this feature !

```
# Automatically select position 1
mangadex-dl "insert keyword here" -s --input-pos "1"

# Select all
mangadex-dl "insert keyword here" -s --input-pos "*"
```

3.4.23 Enable chapter info creation (or "covers")

In case you want this image appeared in the beginning of every chapters.

Official "Test" Manga

Vol. 0 Ch. 1 - Woops I had broken uploads

Scanlated by:

Tristan's test scans

You can use `--use-chapter-cover` to enable it.

Note: It only works for any `volume` and `single` format

```
mangadex-dl "insert URL here" --use-chapter-cover -f pdf-volume
```

3.4.24 Enable compression for epub and cbz formats

By default, the application didn't enable compression for cbz and epub formats. In order to enable compression you must use 2 environment variables

```
# For Linux / Mac OS
export MANGADEXDL_ZIP_COMPRESSION_TYPE=deflated
export MANGADEXDL_ZIP_COMPRESSION_LEVEL=9
```

```
:: For Windows
set MANGADEXDL_ZIP_COMPRESSION_TYPE=deflated
set MANGADEXDL_ZIP_COMPRESSION_LEVEL=9
```

For more information, see:

- MANGADEXDL_ZIP_COMPRESSION_TYPE
- MANGADEXDL_ZIP_COMPRESSION_LEVEL

3.4.25 Ignore missing chapters

You want to perform update manga after moving downloaded chapters to another place but mangadex-downloader keeps downloading the missing chapters. How to avoid this ?

Worry not the `--ignore-missing-chapters` is your option.

Simple add `--ignore-missing-chapters` to the CLI arguments and the missing chapters won't be downloaded anymore

---

Warning: This option cannot be used with `--no-track` option

Example usage:

```
# We try to perform clean download
# Meaning that, the manga is not downloaded yet
mangadex-dl "insert URL here" -f cbz

# After that the manga is downloaded.
# And you moving the chapters to somewhere else
# and now the downloaded chapters are gone moved to another place
...

# If you want to update it,
# but do not want to re-download the missing chapters
```

```
# simply add --ignore-missing-chapters option
mangadex-dl "The same URL you downloaded" -f cbz --ignore-missing-chapters
```

And done, the missing chapters won't be downloaded anymore.

3.5 References

3.5.1 Application names

For PyPI users

- `mangadex-dl`

- `mangadex-downloader`

Note: If none of above doesnt work use this

```
# For Windows
py -3 -m mangadex_downloader

# For Linux
python3 -m mangadex_downloader
```

For bundled executable users

It depend to the filename actually, by default the executable is named `mangdex-dl.exe`.

You can execute the application without ".exe". For example:

```
# With .exe
mangadex-dl.exe "insert manga url here"

# Without .exe
mangadex-dl "insert manga url here"
```

3.5.2 Authentication cache

Re-use authentication tokens for later use. These tokens stored in same place as *config* is stored. You don't have to use `--login` again with this, just run the app and you will be automatically logged in.

Warning: You must enable config in order to use authentication cache.

Syntax command

```
mangadex-dl "login_cache:<subcommand>"
```

Available sub commands

purge
> Invalidate and purge cached authentication tokens

show
> Show expiration time cached authentication tokens

show_unsafe

> **Warning:** You should not use this command, because it exposing your auth tokens to terminal screen. Use this if you know what are you doing.

> Show cached authentication tokens

Example usage commands

Enable authentication cache

```
mangadex-dl "conf:login_cache=1"

# You must login first in order to get cached
mangadex-dl "tamamo no koi" --login -s

# After that you won't need to use --login anymore
mangadex-dl "another manga lmao" -s
```

Invalidate and purge cached authentication tokens

```
mangadex-dl "login_cache:purge"
```

Show expiration time session token and refresh token

```
mangadex-dl "login_cache:show"

# or

mangadex-dl "login_cache"
```

3.5.3 Chapter info (cover)

Official "Test" Manga

Vol. 0 Ch. 1 - Woops I had broken uploads

Scanlated by:

Tristan's test scans
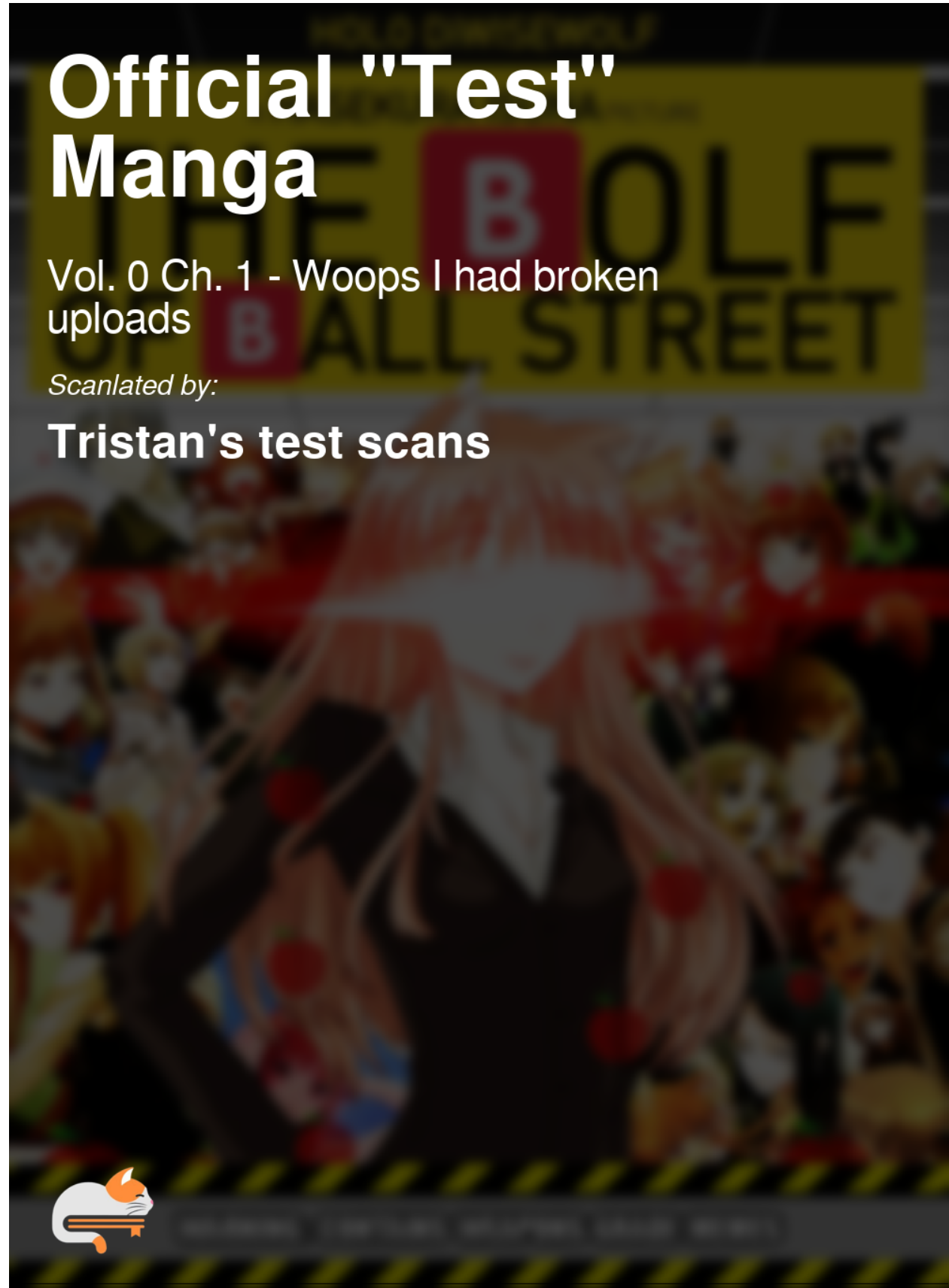
This is called chapter info (some people would call this "cover"). This gives you information what chapter currently you reading on.

This applied to this formats

- `raw-volume`

- `raw-single`

- `cbz-volume`

- `cbz-single`

- `cb7-volume`

- `cb7-single`

- `pdf-volume`

- `pdf-single`

Note: any `epub` formats doesn't create chapter info, because obviously there is "Table of Contents" feature in EPUB (if an e-reader support it).

You can enable chapter info creation by giving `--use-chapter-cover` or `-ucc` to the app

```
mangadex-dl "URL" -f pdf-volume --use-chapter-cover
```

3.5.4 Command-line Interface (CLI) options

Global options

URL

MangaDex URL or a file containing MangaDex URLs. This parameter also can be used for commands, to see all available commands see *Commands*

--type `-t manga|cover|list|chapter|legacy-manga|legacy-chapter`

Override type MangaDex url. By default, it auto detect given url

--folder `--path -d DIRECTORY`

Store manga in given folder / directory

--replace `-r`

Replace manga, chapter, or list (if exist)

--filter `-ft`

Apply filter to search and random manga

For more information, see *Filters*

--download-mode `-dm`

Set download mode, you can set to `default` or `unread`. If you set to `unread`, the app will download unread chapters only (require authentication). If you set to `default` the app will download all chapters

--verbose

> **Warning:** This option is deprecated and will be removed in v3.0.0. Use `--log-level` with value `DEBUG` instead.

Enable verbose output

Search related

--search `-s`

Search a manga and then download it

Manga related

--use-alt-details `-uad`

Use alternative title and description manga

Group related

--group `-g GROUP_ID`

Filter each chapter with different scanlation group. Filter with user also supported.

Language related

--language `-lang LANGUAGE`

Download manga in given language, to see all languages, use `--list-languages` option

--list-language `-ll`

List all available languages

--volume-cover-language `-vcl LANGUAGE`

Override volume cover language. If this option is not set, it will follow `--language` option

Chapter related

--start-chapter `-sc CHAPTER`

Start download chapter from given chapter number

--end-chapter `-ec CHAPTER`

Stop download chapter from given chapter number

--no-oneshot-chapter `-noc`

Ignore oneshot chapter (if manga has oneshot chapter)

--no-group-name `-ngn`

Do not use scanlation group name for each chapter

--use-chapter-title `-uct`

Use chapter title for each chapters.

> **Note:** This option is useless if used with any single and volume format

`--use-chapter-cover` `-ucc`

Note: Chapter info creation are not enabled if you are using any chapter formats (cbz, pdf, raw, etc)

Enable creation of chapter info (cover) for any single or volume formats. See *Chapter info (cover)* for more info.

`--use-volume-cover` `-uvc`

Note: Volume cover will be not created in chapter (cbz, pdf, raw, etc) and single formats

---

Enable creation of volume cover for any volume formats. Volume cover will be placed in first page in each volume files.

`--sort-by`

Download sorting method, by default it's selected to `volume`

`--ignore-missing-chapters` `-imc`

Warning: This option cannot be used with `--no-track` option

Ignore missing chapters. This will prevent the application to re-download the missing chapters.

Chapter page related

`--start-page` `-sp PAGE`

Start download chapter page from given page number

`--end-page` `-ep PAGE`

Stop download chapter page from given page number

Chapter and page range

`--range` `-rg`

Warning: This option can only be used for downloading manga. Downloading a list or chapter while using this option will throw an error.

A range pattern to download specific chapters

Images related

--use-compressed-image -uci

> Use low size images manga (compressed quality)

--cover -c original|512px|256px|none

> Choose quality cover, default is `original`

Authentication related

--login -l

> Login to MangaDex

--login-method -lm legacy|oauth2

> Set authentication method for MangaDex, by default it set to `legacy`. Which is directly input (username or email) and password to the application.

--login-username -lu USERNAME

> **Note:** You must provide `--login` or `-l` option to login. If you don't, you will not logged in to MangaDex

---

> Login to MangaDex with username or email (you will be prompted to input password if –login-password are not present).

--login-password -lp PASSWORD

> **Note:** You must provide `--login` or `-l` option to login. If you don't, you will not logged in to MangaDex

---

> Login to MangaDex with password (you will be prompted to input username if –login-username are not present).

--login-cache -lc

> **Note:** Using this option can cause an attacker in your computer may grab your authentication cache and using it for malicious actions. USE IT WITH CAUTION !!!

> Cache authentication token. You don't have to re-login with this option. You must set `MANGADEXDL_CONFIG_ENABLED=1` in your environment variables before doing this, otherwise the app will throwing error.

Save as format

--save-as -f raw|raw-volume|raw-single|tachiyomi|tachiyomi-zip|pdf|pdf-volume|pdf-single|cbz|cbz-volume

> Choose save as format, default to `raw`. For more information about formats, see *Supported formats*

Network related

--proxy `-p SOCKS / HTTP Proxy`

> Set http/socks proxy

--proxy-env `-pe`

> use http/socks proxy from environments

--force-https `-fh`

> Force download images in standard HTTPS port 443

--delay-requests `-dr DELAY_TIME`

> Set delay for each requests send to MangaDex server

--dns-over-https `-doh PROVIDER`

> Enable DNS-over-HTTPS (DoH), must be one of `cloudflare` or `google`

--timeout `TIME_IN_SECONDS`

> Set timeout for each HTTPS(s) requests

--http-retries `NUMBERS_OR_UNLIMITED`

> Set HTTP retries, use this if you want to set how much to retries if the app failed to send HTTP requests to MangaDex API. Value must be numbers or "unlimited", by default it set to 5

Miscellaneous

--input-pos

> Automatically select choices in selectable prompt (list, library, followed-list command)
>
> ---
>
> **Note:** This option does not apply to `--use-alt-details`
>
> ---

-pipe

> If set, the app will accept pipe input

-v `--version`

> Print mangadex-downloader version

--no-track

> ---
>
> **Note:** If you enable this, the application will not verify images and chapters. Also file `download.db` will not created.
>
> ---
>
> Disable download tracking

Console output

--log-level LEVEL

> Set logger level, available options: CRITICAL, ERROR, WARNING, INFO, DEBUG, NOTSET. Default level is INFO.
>
> For more information, see *Logging levels*

-pbl --progress-bar-layout LAYOUT

> Set progress bar layout, available options: default, stacked, none. Default layout is `default`. Set layout `none` to disable progress bar.

-spb-order --stacked-progress-bar-order ORDER

> Set stacked progress bar order, available options: volumes, chapters, pages, file sizes, convert. Multiple values is supported, separated by comma. Default order is `volumes, chapters, pages, file sizes, convert`

-npb --no-progress-bar

> **Warning:** This option is deprecated and will be removed in v3.0.0. Use `--progress-bar-layout` with value `none` instead

> Disable progress bar when downloading or converting

Update application

--update

> Update mangadex-downloader to latest version

3.5.5 Commands

Here is a list of available commands that you can execute in mangadex-downloader. Most of them are for to show and download manga or lists. This command can be executed through URL parameter, see syntax below

Syntax

```
# Command without argument
mangadex-dl "command"

# Command with argument
mangadex-dl "command:arg"

# Command with multiple arguments
mangadex-dl "command:arg1, arg2, arg3"
```

Available commands

random

> Show 5 of random manga and select to download
>
> For more information, see *Random manga*

library STATUS

> ---
> **Note:** This command require authentication
> ---
>
> Show list of saved manga from logged in user
>
> For more information, see *Manga library command*

list USER-ID

> ---
> **Note:** Argument USER-ID are optional. You must login if you didn't use USER-ID argument
> ---
>
> Show list of saved MDLists from logged in user
>
> For more info, see *List library command*

followed-list

> ---
> **Note:** This command require authentication
> ---
>
> Show list of followed MDLists from logged in user
>
> For more info, see *Followed list library command*

group GROUP-ID

> Show and download list of manga from a group that have uploaded scanlated chapters

file PATH_TO_FILE

> ---
> **Note:** Path file can be offline or online location. If you're using file from online location, it only support HTTP(s) method.
> ---
>
> Download list of manga, chapters or lists from a file
>
> For more info, see *File command (batch download command)*

seasonal SEASON

> ---
> **Note:** Argument SEASON are optional
> ---
>
> Select and download seasonal manga
>
> For more info, see *Seasonal manga*

conf CONFIG_KEY=CONFIG_VALUE

> Modify or show config
>
> For more info, see *Configuration*

login_cache SUBCOMMAND

> Modify or show cached authentication tokens expiration time
>
> For more info, see *Authentication cache*

Example usage

Random manga command

```
mangadex-dl "random"
```

File command

```
# Offline location
mangadex-dl "file:/home/user/mymanga/urls.txt"

# Online location
mangadex-dl "file:https://raw.githubusercontent.com/mansuf/md-test-urls/main/urls.txt"
```

Modify and show configs

```
# Show all configs
mangadex-dl "conf"

# Show `save_as` config value
mangadex-dl "conf:save_as"

# Change `dns_over_https` config value
mangadex-dl "conf:dns_over_https=google"
```

3.5.6 Configuration

These configs automatically written into command-line options value, so you don't have to write a bunch command line options. Just set a config and the app will automatically set the value to command-line options.

Still confused how is it working ? see this example

Let's say you want to download a manga with

- Forced HTTPS port
- No progress bar
- Using DNSOverHTTPS to cloudflare
- No manga cover

- No group name in each chapters

- And the chapters language must Indonesian

- And store it to `manga` directory

The results:

```
mangadex-dl "https://mangadex.org/title/..." --force-https --no-progress-bar --dns-over-
→https "cloudflare" --cover "none" --no-group-name --language "Indonesian" --path "manga
→"
```

It is wayyyy too longggggggg and you have to write these command-line options everytime to download manga. How to fix this ? **Config** is the only answer !

First, enable config first.

```
# `1` is alias for True and `0` is alias for False

# For Windows
set MANGADEXDL_CONFIG_ENABLED=1

# For Linux / Mac OS
export MANGADEXDL_CONFIG_ENABLED=1
```

Note: Keep in mind this is for current session console only. If you want to set it permanently, change the user environment variables.

Second, set the values for configs

```
# `1` is alias for True and `0` is alias for False
mangadex-dl "conf:force_https=1"
mangadex-dl "conf:no_progress_bar=1"
mangadex-dl "conf:dns_over_https=cloudflare"
mangadex-dl "conf:cover=none"
mangadex-dl "conf:no_group_name=1"
mangadex-dl "conf:language=Indonesian"
mangadex-dl "conf:path=manga"
```

After that you can download the manga without writing very-very long command-line options

```
mangadex-dl "https://mangadex.org/title/..."
```

But, i don't want type all those commands. I just want single command, just type the file that i have every configs that i wanna change and it changed.

Well, you can do it too. But, this time we're using `-pipe` option.

Let's say you have `config.txt`. And inside of that file is that every configs that you wanna change.

```
conf:force_https=1
conf:no_progress_bar=1
conf:dns_over_https=cloudflare
conf:cover=none
conf:no_group_name=1
```

```
conf:language=Indonesian
conf:path=manga
```

And then you execute these commands:

```
# For Windows
type config.txt | mangadex-dl -pipe

# For Linux / Mac OS
cat config.txt | mangadex-dl -pipe
```

Horray ! your configs is now changed.

Syntax

```
mangadex-dl "conf:KEY=VALUE"
```

Environment variables

MANGADEXDL_CONFIG_ENABLED [1 or 0, true or false]

> Set this 1 or true to enable config, 0 or false to disable config.

MANGADEXDL_CONFIG_PATH

> A directory to store config and authentication cache.

Available configs

login_cache [1 or 0, true or false]

> Same as --login-cache

language

> Same as --language or -lang

cover

> Same as --cover or -c

save_as

> Same as --save-as or -f

use_chapter_title [1 or 0, true or false]

> Same as --use-chapter-title or -uct

use_compressed_image [1 or 0, true or false]

> Same as --use-compressed-image or -uci

force_https [1 or 0, true or false]

> Same as --force-https or -fh

path

> Same as --path or --folder or -d

dns_over_https

       Same as `-doh` or `--dns-over-https`

no_chapter_info

       Same as `-nci` or `--no-chapter-info`

no_group_name

       Same as `-ngn` or `--no-group-name`

sort_by

       Same as `--sort-by`

no_progress_bar

       Same as `-npb` or `--no-progress-bar`

http_retries

       Same as `--http-retries`

no_track

       Same as `--no-track`

reset [config]

       Reset config back to default value

Example usage

Enable config

```
# For Windows
set MANGADEXDL_CONFIG_ENABLED=1

# For Linux / Mac OS
export MANGADEXDL_CONFIG_ENABLED=1
```

Change directory stored config to another path

```
# For Windows
set MANGADEXDL_CONFIG_PATH=D:\myconfig\here\lmao

# For Linux / Mac OS
export MANGADEXDL_CONFIG_PATH="/etc/mangadex-dl/config"
```

Set a config

```
mangadex-dl "conf:save_as=pdf"
# Successfully changed config save_as from 'raw' to 'pdf'

mangadex-dl "conf:use_chapter_title=1"
# Successfully changed config use_chapter_title from 'False' to 'True'
```

Print all configs

```
mangadex-dl "conf"
# Config 'login_cache' is set to '...'
# Config 'language' is set to '...'
# Config 'cover' is set to '...'
# Config 'save_as' is set to '...'
# Config 'use_chapter_title' is set to '...'
# Config 'use_compressed_image' is set to '...'
```

Reset a config back to default value

```
mangadex-dl "conf:reset=save_as"
# Successfully reset config 'save_as'
```

3.5.7 Cover command

This command will show list of covers which you can choose and download it.

Note: This command will download covers only. The manga is not downloaded at all. The covers will be stored in folder under manga title name (ex: "Official "Test" Manga")

Syntax

It support following values:

- Full manga URL (https://mangadex.org/title/…)

- Full cover manga URL (https://mangadex.org/covers/…)

- Manga id only (f9c33607-9180-4ba6-b85c-e4b5faee7192)

Original quality

```
mangadex-dl "cover:manga_id_or_full_url"
```

512px quality

```
mangadex-dl "cover-512px:manga_id_or_full_url"
```

256px quality

```
mangadex-dl "cover-256px:manga_id_or_full_url"
```

Example usage

```
# Original quality (manga id only)
mangadex-dl "cover:f9c33607-9180-4ba6-b85c-e4b5faee7192"

# Original quality (full manga URL)
mangadex-dl "cover:https://mangadex.org/title/f9c33607-9180-4ba6-b85c-e4b5faee7192/
↪official-test-manga"

# Original quality (full cover manga URL)
mangadex-dl "cover:https://mangadex.org/covers/f9c33607-9180-4ba6-b85c-e4b5faee7192/
↪c18da525-e34f-4128-a696-4477b6ce6827.png"


# 512px quality (manga id only)
mangadex-dl "cover-512px:f9c33607-9180-4ba6-b85c-e4b5faee7192"

# 512px quality (full manga URL)
mangadex-dl "cover-512px:https://mangadex.org/title/f9c33607-9180-4ba6-b85c-e4b5faee7192/
↪official-test-manga"

# 512px quality (full cover manga URL)
mangadex-dl "cover-512px:https://mangadex.org/covers/f9c33607-9180-4ba6-b85c-
↪e4b5faee7192/c18da525-e34f-4128-a696-4477b6ce6827.png"
```

3.5.8 Download tracker

Everytime you download a manga, chapter or list. The application will write `download.db` file into manga folder. But what does it do ? does it dangerous ? the file seems suspicious.

Worry not, the file is not dangerous. It's called download tracker, it will track chapters and images everytime you download. So next time you run the application, it will check what chapters has been downloaded and if the application found chapters that has not been downloaded yet, the application will download them all.

Wait isn't that same behaviour as previous one ?

Yes, download tracker is designed to avoid rate-limit frequently from MangaDex API on some formats. Also it check latest chapters on any `volume` and `single` formats. So let's say you already downloaded `Volume 1`, but there is new chapter on `Volume 1`. The application will re-download `Volume 1`.

Verify downloaded chapters and images

The download tracker can verify downloaded chapters and images on all formats. Previously, the application only verify images which only available to `raw` formats (raw, raw-volume, raw-single). With this, the application will know what chapters and images is corrupted or missing and will re-download the corrupted or missing chapters and images.

Cool features, is there a way to turn it off ?

You can, use `--no-track` to turn off download tracker feature.

```
mangadex-dl "insert MangaDex URL here" --no-track
```

3.5.9 Environment variables

MANGADEXDL_CONFIG_ENABLED [1 or 0, **true** or false]

   Set this 1 or `true` to enable config, `0` or `false` to disable config.

MANGADEXDL_CONFIG_PATH

   A directory to store config and authentication cache.

MANGADEXDL_ZIP_COMPRESSION_TYPE

   Set zip compression type for any `cbz` and `epub` formats, by default it setted to `stored`

   Must be one of:

   - stored

   - deflated

   - bzip2

   - lzma

   For more information, see https://docs.python.org/3/library/zipfile.html#zipfile.ZIP_STORED

MANGADEXDL_ZIP_COMPRESSION_LEVEL

   Set zip compression level for any `cbz` and `epub` formats.

   Note: Zip compression type `stored` or `lzma` has no effect

   ---

   levels:

   - deflated : 0-9

   - bzip2 : 1-9

   For more information about each levels zip compression, see https://docs.python.org/3/library/zipfile.html#zipfile.ZipFile

MANGADEXDL_GROUP_BLACKLIST [VALUE1, **VALUE2, ...**]

   Add groups to blacklist. This to prevent chapter being downloaded from blacklisted groups.

   Value must be file path, uuid, MangaDex url containing uuid. Multiple values is supported (separated by comma)

   Example usage (from a file)

```
# inside of blocked_groups.txt

https://mangadex.org/group/4197198b-c99b-41ae-ad21-8e6ecc10aa49/no-group-scanlation
https://mangadex.org/group/0047632b-1390-493d-ad7c-ac6bb9288f05/ateteenplus
https://mangadex.org/group/1715d32d-0bf0-46e2-b8ad-a64386523038/afterlife-scans
```

```
# For Windows
set MANGADEXDL_GROUP_BLACKLIST=blocked_groups.txt

# For Linux / Mac OS
export MANGADEXDL_GROUP_BLACKLIST=blocked_groups.txt
```

Example usage (uuid)

```
# For Windows
set MANGADEXDL_GROUP_BLACKLIST=4197198b-c99b-41ae-ad21-8e6ecc10aa49, 0047632b-1390-
↪493d-ad7c-ac6bb9288f05

# For Linux / Mac OS
export MANGADEXDL_GROUP_BLACKLIST=4197198b-c99b-41ae-ad21-8e6ecc10aa49, 0047632b-
↪1390-493d-ad7c-ac6bb9288f05
```

MANGADEXDL_USER_BLACKLIST [VALUE1, **VALUE2**, **...**]

Add users to blacklist. This to prevent chapter being downloaded from blacklisted users.

Note: Group blacklisting takes priority over user blacklisting

---

Value must be file path, uuid, MangaDex url containing uuid. Multiple values is supported (separated by comma)

Example usage (from a file)

```
# inside of blocked_users.txt

https://mangadex.org/user/f8cc4f8a-e596-4618-ab05-ef6572980bbf/tristan9
https://mangadex.org/user/81304b72-005d-4e62-bea6-4cb65869f7da/bravedude8
```

```
# For Windows
set MANGADEXDL_USER_BLACKLIST=blocked_users.txt

# For Linux / Mac OS
export MANGADEXDL_USER_BLACKLIST=blocked_users.txt
```

Example usage (uuid)

```
# For Windows
set MANGADEXDL_USER_BLACKLIST=1c4d814e-b1c1-4b75-8a69-f181bb4e57a9, f8cc4f8a-e596-
↪4618-ab05-ef6572980bbf

# For Linux / Mac OS
export MANGADEXDL_USER_BLACKLIST=1c4d814e-b1c1-4b75-8a69-f181bb4e57a9, f8cc4f8a-
↪e596-4618-ab05-ef6572980bbf
```

MANGADEXDL_TAGS_BLACKLIST [VALUE1, **VALUE2**, ...]

> Add tags to blacklist. This to prevent manga being downloaded if it's contain one or more blacklisted tags.
>
> Value must be file path, keyword, uuid, MangaDex url containing uuid. Multiple values is supported (separated by comma)
>
> **Example usage (from a file)**

```
# inside of blocked_tags.txt

boys' love
girls' love
https://mangadex.org/tag/b29d6a3d-1569-4e7a-8caf-7557bc92cd5d/gore
```

```
# For Windows
set MANGADEXDL_TAGS_BLACKLIST=blocked_tags.txt

# For Linux / Mac OS
export MANGADEXDL_TAGS_BLACKLIST=blocked_tags.txt
```

> **Example usage (keyword)**

```
# For Windows
set MANGADEXDL_TAGS_BLACKLIST=gore, girls' love

# For Linux / Mac OS
export MANGADEXDL_TAGS_BLACKLIST=gore, girls' love
```

> **Example usage (uuid)**

```
# For Windows
set MANGADEXDL_TAGS_BLACKLIST=b29d6a3d-1569-4e7a-8caf-7557bc92cd5d, a3c67850-4684-
→404e-9b7f-c69850ee5da6

# For Linux / Mac OS
export MANGADEXDL_TAGS_BLACKLIST=b29d6a3d-1569-4e7a-8caf-7557bc92cd5d, a3c67850-
→4684-404e-9b7f-c69850ee5da6
```

3.5.10 File command (batch download command)

Syntax

```
mangadex-dl "file:<location>"
```

Arguments

location

   A valid local or web (http, https) file location

Example usage

Batch download from local file

```
mangadex-dl "file:/etc/my-manga/lists-urls.txt"
```

Batch download from web URL

```
mangadex-dl "file:https://raw.githubusercontent.com/mansuf/md-test-urls/main/urls.txt"
```

3.5.11 Filters

Currently filters can be used in:

- Search manga (`mangadex-dl "title manga" -s`)
- Random manga (`mangadex-dl "random"`)

Syntax

It's accesible from `-ft` or `--filter` option

```
mangadex-dl -s -ft "KEY=VALUE"
```

It also support multiple values separated by commas

```
mangadex-dl "random" -ft "KEY=VALUE1,VALUE2,VALUE3"
```

Note: random manga has limited filters, here a list of available filters for random manga.

- content_rating
- included_tags
- included_tags_mode
- excluded_tags
- excluded_tags_mode

Available filters

authors [VALUE1, **VALUE2, ...**]
> Authors of manga

> Value must be valid uuid or MangaDex url containing uuid.

artists [VALUE1, **VALUE2, ...**]
> Artists of manga

> Value must be valid uuid or MangaDex url containing uuid.

author_or_artist [VALUE]
> An Author OR an Artist within Manga

> Value must be valid uuid or MangaDex url containing uuid.

year [INTEGER]
> Year of release

included_tags [VALUE1, **VALUE2, ...**]
> Value must be valid keyword or uuid or MangaDex url containing uuid. To see all available tags in MangaDex -> https://mangadex.org/tag/

included_tags_mode [OR, **AND**]

excluded_tags [VALUE1, **VALUE2, ...**]
> Value must be valid keyword or uuid or MangaDex url containing uuid. To see all available tags in MangaDex -> https://mangadex.org/tag/

excluded_tags_mode [OR, **AND**]

status [VALUE1, **VALUE2, ...**]
> Must be one of:
>
> - ongoing
>
> - completed
>
> - hiatus
>
> - cancelled

original_language [VALUE1, **VALUE2, ...**]
> Must be one of valid languages returned from `mangadex-dl --list-languages`

excluded_original_language [VALUE1, **VALUE2, ...**]
> Must be one of valid languages returned from `mangadex-dl --list-languages`

available_translated_language [VALUE1, **VALUE2, ...**]
> Must be one of valid languages returned from `mangadex-dl --list-languages`

publication_demographic [VALUE1, **VALUE2, ...**]
> Must be one of:
>
> - shounen
>
> - shoujo

- josei

- seinen

- none

content_rating [VALUE1, **VALUE2, ...**]

    Must be one of:

- safe

- suggestive

- erotica

- pornographic

created_at_since [DATETIME]

    value must matching format %Y-%m-%dT%H:%M:%S

updated_at_since [DATETIME]

    value must matching format %Y-%m-%dT%H:%M:%S

has_available_chapters [1 or 0, **true** or false]

order[title] [asc or ascending, **desc** or descending]

order[year] [asc or ascending, **desc** or descending]

order[createdAt] [asc or ascending, **desc** or descending]

order[updatedAt] [asc or ascending, **desc** or descending]

order[latestUploadedChapter] [asc or ascending, **desc** or descending]

order[followedCount] [asc or ascending, **desc** or descending]

order[relevance] [asc or ascending, **desc** or descending]

order[rating] [asc or ascending, **desc** or descending]

Example usage

Search manga with content rating erotica and status completed

```
mangadex-dl -s -ft "original_language=Japanese" -ft "content_rating=erotica" -ft
↪"status=completed"
```

Search manhwa with "highest rating" order

```
mangadex-dl -s -ft "original_language=Korean" -ft "order[rating]=descending"
```

Random manga with oneshot tags but without yuri and yaoi tags

```
mangadex-dl "random" -ft "included_tags=oneshot" -ft "excluded_tags=boys' love, girls'
↪love"
```

3.5.12 Followed list library command

Show all followed MangaDex lists from logged in user. You will be prompted to select which list want to download.

Note: You must login in order to use this command. Otherwise it will not work.

Syntax

```
mangadex-dl "followed-list" --login
```

Example usage

```
# User will be prompted to select which list wants to download
# And then save it as pdf format
mangadex-dl "followed-list" --login --save-as pdf
```

Output

```
=============================================
List of followed MDlist from user "..."
=============================================
(1). ...
(2). ...
(3). ...
(4). ...
(5). ...
(6). ...
(7). ...
(8). ...
(9). ...

type "next" to show next results
type "previous" to show previous results
type "preview NUMBER" to show more details about selected result. For example: "preview 2
↪"
=>
# ....
```

3.5.13 Forums

Imagine, you seeing a list of manga in some MangaDex forums thread and you want to download them all. Surely you copy each URLs from the thread and paste them into mangadex-downloader. You must be tired copy paste them all right ? and you wasted your time doing that.

Worry not, you can download all of them directly from mangadex-downloader itself !

Wow, it so cool. How ?

Just copy the forum thread url and paste it into mangadex-downloader

---

```
mangadex-dl "https://forums.mangadex.org/threads/whats-your-top-3-manga.1082493/"
```

That's it, you will be prompted to select which manga, chapter, or list you wanna download. If you don't wanna be prompted and just wanna download them all, you can use `--input-pos` option.

```
# "*" means all
mangadex-dl "https://forums.mangadex.org/threads/whats-your-top-3-manga.1082493/" --
↪input-pos "*"
```

Specific post in a forum thread

mangadex-downloader can find MangaDex URLs to a specific post in forum thread if the URL containing post-id. Let me give you an example:

Let's say you want to download list of manga from this post only.
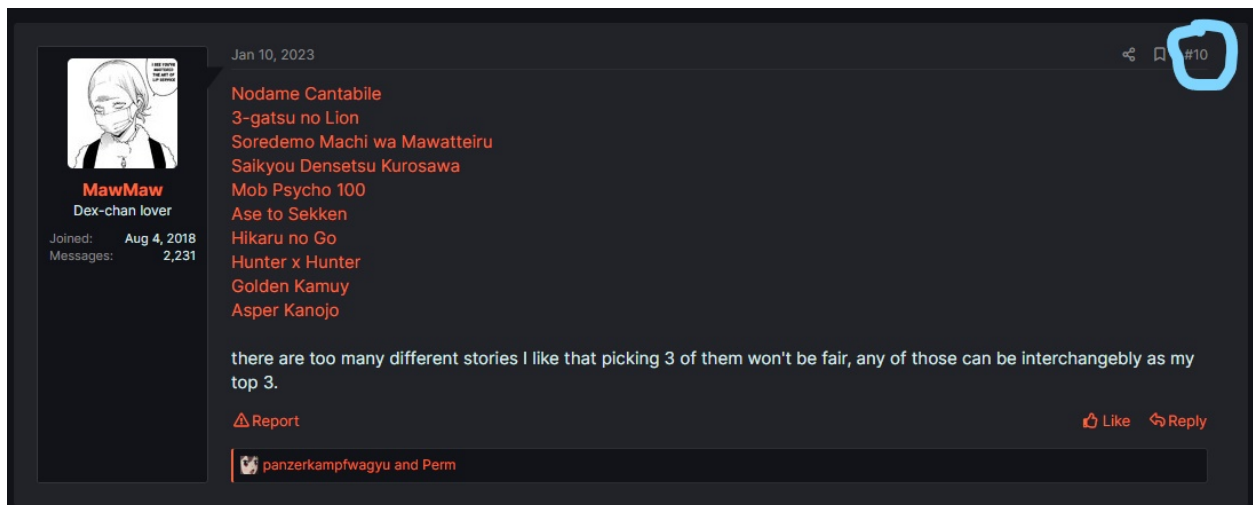
Move your mouse to number sign (#10) on top right corner, right click on your mouse, copy link address and paste it to mangadex-downloader.

```
mangadex-dl "https://forums.mangadex.org/threads/whats-your-top-3-manga.1082493/#post-
↪16636005"
```

Notice there is `#post-16636005` at the end of URL ? Those are called post-id in MangaDex forums. mangadex-downloader will only find MangaDex URLs on that post only, not the entire thread.

Legacy MangaDex forum thread URL

You can use old MangaDex forum thread URL to mangadex-downloader. Just copy the URL, paste it and run it !

```
mangadex-dl "https://mangadex.org/thread/430211"
```

Note

mangadex-downloader only shows results if the thread containing valid MangaDex urls.

3.5.14 List library command

Show all saved MangaDex lists from logged in user or from another user. You will be prompted to select which list want to download.

Syntax

```
mangadex-dl "list:<user-id>"
```

If `<user-id>` is given, it will show all public MangaDex lists from that user. Otherwise it will show all MangaDex lists from logged in user.

You can give just the id or full URL to `<user-id>`.

Note: Authentication is required if `<user-id>` is not given.

Example usage

Show all MangaDex lists (private and public) from logged in user

```
mangadex-dl "list" --login
```

Show all public MangaDex lists from another user

```
# MangaDex lists from user "BraveDude8" (one of MangaDex moderators)
mangadex-dl "list:https://mangadex.org/user/81304b72-005d-4e62-bea6-4cb65869f7da"
# or
mangadex-dl "list:81304b72-005d-4e62-bea6-4cb65869f7da"
```

3.5.15 Logging levels

mangadex-downloader are using python logging from standard library, for more information you can read it here -> https://docs.python.org/3/library/logging.html#logging-levels

Logging levels are determined by numeric values. The table are showed below:

Level	Numeric value
CRITICAL	50
ERROR	40
WARNING	30
INFO	20
DEBUG	10
NOTSET	0

Example formula for logging levels:

If you set logging level to WARNING (which numeric value is 30), all logs that has WARNING level and above (ERROR and CRITICAL) will be visible.

Same goes for INFO and DEBUG.

If you set logging level to INFO (which numeric value is 20), all logs that has INFO level and above (WARNING, ERROR, CRITICAL) will be visible.

Note: If you set logging level to `NOTSET`, all logs will be not visible at all.

Syntax

Accessible from `--log-level` option

Example usage

```
# DEBUG (verbose) output
mangadex-dl "Insert MangaDex URL here" --log-level "DEBUG"

# WARNING output
mangadex-dl "Insert MangaDex URL here" --log-level "WARNING"
```

3.5.16 Manga library command

Show all saved mangas from logged in user. You will be prompted to select which manga want to download.

Note: You must login in order to use this command. Otherwise it will not work.

Syntax

```
mangadex-dl "library:<status>" --login
```

If `<status>` is given, it will filter manga library based on reading status. If not, then it will show all manga in the library.

Statuses

reading

on_hold

plan_to_read

dropped

re_reading

completed

help

    Show all available statuses

Example usage

Show all manga in user library

```
# User will be prompted to select which manga wants to download
# And then save it as pdf format
mangadex-dl "library" --login --save-as pdf
```

Show manga with reading status "Plan to read" in user library

```
mangadex-dl "library:plan_to_read" --login
```

3.5.17 Path placeholders

Starting from v3.0.0, `--path` option are absolute and support placeholders.

Syntax

```
mangadex-dl "URL" --path "./MyManga/{placeholder}"
```

Also we have some options for filenames as well.

- `--filename-chapter` for chapters format (cbz, pdf, epub, etc)

- `--filename-volume` for volumes format (cbz-volume, pdf-volume, etc)

- `--filename-single` for singles format (cbz-single, pdf-single, etc)

Example syntax:

```
mangadex-dl --filename-chapter "filenames {placeholder}"
```

Placeholder objects for `--path` option

There's 4 placeholders that you can use in `--path` option.

place-holder	description
manga	Manga that want to be downloaded
language	Language used to download manga (from `--language`), this value can be changed if you used `--language all`
format	Format used to download manga, grabbed from (`--format`)
user	Logged in user, you must login (`--login`) if you want use this placeholder

Some placeholders have attributes that you can accesss, some of them are:

- manga

- user

- language

For more information, see below:

Manga placeholder attributes

attribute	description	type data
title	The title of the manga	*string*
id	The unique identifier of manga	*string*
alternative_titles	Alternative titles of the manga	array[*string*]
description	The description of the manga	*string*
authors	List of authors of the manga separated by comma	*string*
artists	List of artists of the manga separated by comma	*string*
cover	Manga main cover	CoverArt
genres	List of manga genres separated by comma	*string*
status	Status of the manga (hiatus, completed, etc)	*string*
content_rating	Content rating of the manga (9.0, 6.9, etc)	ContentRating
tags	List of manga tags separated by comma	*string*

User placeholder attributes

attribute	description	type data
id	The unique identifier of user	*string*
name	An username	*string*

Language placeholder attributes

attribute	description	type data
full	Language in full text (ex: `English`)	*string*
simple	Language in simplified text (ex: `en`)	*string*

Placeholder objects for `--filename-chapter` option

There's 2 placeholders that you can use in `--filename-chapter` option.

placeholder	description
chapter	Chapter that being downloaded currently
file_ext	File extension

Chapter placeholder attributes

attribute	description	type data
chapter	Manga chapter in number from 0 to 1 (You can get `-1` if there is no valid chapter number)	*integer*
volume	Manga volume in number from 0 to 1 (You can get `-1` if there is no valid volume number)	*integer*
title	Chapter title	*string*
pages	Total pages in the chapter	*integer*
language	Chapter language	Language
name	Full parsed chapter name (ex: `Volume. 69 Chapter. 69`)	*string*
simple_name	Simplified parsed chapter name (ex: `Vol. 69 Ch. 69`)	*string*
groups_nam	List of scanlation groups for the chapter separated by & (you can get `User - username` if there is no scanlation groups available)	*string*

Placeholder objects for `--filename-volume` option

There's 2 placeholders that you can use in `--filename-volume` option.

placeholder	description
volume	Manga volume
file_ext	File extension

Volume placeholder attributes

attribute	description	type data
chapters	List of chapters in the volume	*ArrayModified*[Chapter]

Placeholder objects for `--filename-single` option

There's 2 placeholders that you can use in `--filename-single` option.

placeholder	description
chapters	List of all chapters in the manga, the attributes is same as *chapters in volume placeholder*
file_ext	File extension

Types data

Here you can find a data types that used in mangadex-downloader path placeholders

string type data

It's a text.

The string type data follows python f-string (formatted string). You can read more about it in here

integer type data

It's a negative or positive number

array type data

It's a list of data, you can access a data by giving index position.

Note: You may see additional data type inside of a bracket

Like this one: `array[string]`

This means inside the array is an list of strings.

For example:

```
# Let's say you want to get alternative title
# You can do this by accessing `alternative_titles` in manga placeholder
# This will get alternative title in position 0 of an list
mangadex-dl "URL" --path "/home/mymanga/{manga.alternative_titles[0]}"
```

ArrayModified type data

Same as `array` data type, but it has additional attributes

- first

- last

These attributes is equals to accessing array with index `0` or `-1`.

Let me give you an example:

```
# Doing this
mangadex-dl "URL" --filename-volume "Vol. {volume} (Ch. {volume.chapters.first.chapter} -
↪ Ch. {volume.chapters.last.chapter})"

# Is equal to
mangadex-dl "URL" --filename-volume "Vol. {volume} (Ch. {volume.chapters[0].chapter} -
↪Ch. {volume.chapters[-1].chapter})"
```

I know some of you asking "But why ? why you did this ?"

Because it looks elegant and clean .

Examples

```
# This manga will be saved in directory
# "/home/verysus/manga/Some manga title/English"
# with cbz format and custom filename with placeholders
mangadex-dl "URL" -f cbz --path "/home/verysus/manga/{manga.title}/{language.full}" --
↪filename-chapter "Vol. {chapter.volume} Ch. {chapter.chapter}{file_ext}"
```

3.5.18 Random manga

Syntax

```
mangadex-dl "random"
```

With filter

```
mangadex-dl "random" -ft "KEY=VALUE"
```

For more information about filters, see *Filters*

Example usage

```
mangadex-dl "random"
```

Random manga with oneshot tags

```
mangadex-dl "random" -ft "included_tags=oneshot"
```

3.5.19 Seasonal manga

Syntax

```
mangadex-dl "seasonal:<season>"
```

If `<season>` is given, it will show seasonal manga based on given season. Otherwise it will show current seasonal manga.

If you want to see all available seasons, type `list` in `<season>` argument

```
mangadex-dl "seasonal:list"
```

Note: Current seasonal manga is retrieved from https://github.com/mansuf/mangadex-downloader/blob/main/seasonal_manga_now.txt. If you think this is out of update, please open a issue here

Example usage

Get current seasonal manga

```
mangadex-dl "seasonal"
```

Get Seasonal: Fall 2020 manga

```
mangadex-dl "seasonal:fall 2020"
```

Get all available seasons

```
mangadex-dl "seasonal:list"
```

3.6 Changelog

3.6.1 v2.10.3

Fix bugs

- Fixed `cover` command is not working if manga doesn't have covers for specified language #82

3.6.2 v2.10.2

Fix bugs

- Fixed `pdf-volume` and `cb7-volume` formats are not working after upgrading to v2.10.x #78

3.6.3 v2.10.1

Fix bugs

- Fixed `cbz` format are not working after upgrading to v2.10.0 #74

3.6.4 v2.10.0

New features

- Added stacked progress bar layout (accessible from `--progress-bar-layout=stacked`) #65
- Added `--volume-cover-language` to change volume cover locale #66
- Added `--log-level` to change logging level #65

Fix bugs

- Fix inconsistent volume cover locale [#66](#)

Dependencies

- Bump [requests-doh](#) to v0.3.1

Deprecated

- `--no-progress-bar` is deprecated in favor of `--progress-bar-layout`. This option will be removed in v3.0.0
- `--verbose` is deprecated in favor of `--log-level`. This option will be removed in v3.0.0

3.6.5 v2.9.1

Fix bugs

- Fixed `--write-tachiyomi-info` is not working when system locale is set to other language (not English) [#62](#)
- Fixed `--write-tachiyomi-info` is not working when any single or volume formats is used [#63](#)

3.6.6 v2.9.0

New features

- Added ability to download covers manga [#60](#)

Fix bugs

- Fix error message is not showing when chapters with specified langauge is not found
- Fixed `--type` are not respecting full URL

Dependencies

- Bump [Pillow](#) to v9.5.0
- Bump [py7zr](#) to v0.20.4
- Bump [orjson](#) to v3.8.9
- Bump [lxml](#) to v4.9.2

Deprecated

- Removed `--no-chapter-info` as it's deprecated from v2.6.0

3.6.7 v2.8.3

- Fixed `--no-track` is not working in version 2.8.x #56

3.6.8 v2.8.2

Fix bugs

- `download.db` are no longer exist when `--no-track` is used
- Fixed download tracker are not tracking chapters properly in `raw-single` and `raw-volume` formats
- Fixed duplicated results when using any commands (`random`, `library`, etc) or search with `--input-pos "*"` used

3.6.9 v2.8.1

- Fixed "database is locked" when `--path` is set to network shared directory #52
- Fixed "image file is truncated (xx bytes not processed)" error when using any `pdf` formats #54

3.6.10 v2.8.0

New features

- Add ability to disable tracking downloads #45
- Add ability to add custom DoH (DNS over HTTPS) provider
- Added support for legacy URL forums thread (https://mangadex.org/threads/...)

Fix bugs

- Fixed high CPU usage when downloading large chapters #48
- Fixed download from forum threads are not working if the URL containing page (page-123) with post-id (post-123)

Improvements

- File hash creation for download tracker are now asynchronous to improve performance
- Added more metadata (tags and authors) to any `epub` formats

Dependencies

- Bump requests-doh to v0.3.0

3.6.11 v2.7.2

Fix bugs

- Fixed download tracker are not tracking chapters properly #51

3.6.12 v2.7.1

Fix bugs

- Fixed `--use-chapter-cover` is throwing error because of missing fonts (PyPI users only).

3.6.13 v2.7.0

Improvements

- Reworked creation chapter info (cover) #44

Dependecies

- Pillow is now required dependecies (no longer optional)

3.6.14 v2.6.2

Fix bugs

- Fixed app is slowing down after downloading 100+ chapters
- Fixed files are automatically verified if previous download is not complete
- Fixed `--use-volume-cover` is not working if manga doesn't have "No volume" cover #46

3.6.15 v2.6.1

Fix bugs

- Fixed resume download is not working properly
- Fixed download forum thread is not working when option `--input-pos "*"` is used
- Fixed `--replace` option is not working when using converted formats (cbz, pdf, epub, epub-volume, etc)

3.6.16 v2.6.0

New features

- Added ability to add more groups or users in `--group` option
- Added ability to set retries for failed HTTP requests (`--http-retries`)
- Added OAuth2 login support (`--login-method oauth2`)
- Added ability to download unread chapters (`--download-mode unread`, require authentication) #39
- Added ability to add volume cover for volume formats #41
- Added ability to download MangaDex URLs from forum thread (https://forums.mangadex.org)

Fix bugs

- Fixed download is not resuming when network error happened
- Fixed download is overflowing when trying to resume incomplete download
- Fixed various bugs in command-line options parser

Improvements

- Rework how to download latest chapters on various formats. See commit `865b7f5` for more info

Dependecies

- Bump orjson to v3.8.3
- beautifulsoup4 are now required dependecies (no longer optional)

Breaking changes

- Chapter info (cover) creation are be disabled by default. Use `--use-chapter-cover` to enable it.

Deprecated

- Removed `--search-filter` and `-sf` option as it's deprecated from v2.4.0
- Format `tachiyomi` and `tachiyomi-zip` are now deprecated, please use `raw` and `cbz` with `--write-tachiyomi-info` instead
- `--no-chapter-info` are now deprecated in favor of `--use-chapter-cover` and will be removed in v2.9.0

3.6.17 v2.5.4

Fix bugs

- Fixed typo in filter error message
- Fixed `year` filter is not working
- Fixed validator for environment `MANGADEXDL_TAGS_BLACKLIST` is not respecting rate limit
- Fixed app is crashing due to backward compatibility for config

Improvements

- Some optimizations

3.6.18 v2.5.3

Fix bugs

- Fixed option `--group` is not working due to duplicate chapters.

3.6.19 v2.5.2

Fix bugs

- Fixed options `--use-chapter-title` and `--no-group-name` is not working. #37
- Fixed duplicate chapters. #37

3.6.20 v2.5.1

Fix bugs

- Fixed chapters are often skipped #36
- Fixed unhandled exception because of `MANGADEXDL_USER_BLACKLIST` filter

3.6.21 v2.5.0

Fix bugs

- Fixed input command if user entering a invalid input on first try

Improvements

- Do not download cover and create folder if manga doesn't contain downloadable chapters (single language only)
- Do not show traceback errors when manga doesn't have downloadable chapters

New features

- Added ability to block one or more tags

3.6.22 v2.4.2

Fix bugs

- Fixed `content_rating` filter is not working in `random` manga

3.6.23 v2.4.1

Fix bugs

- Removed unnecessary console output from `random` command

3.6.24 v2.4.0

New features

- Added filters on `random` manga

Improvements

- Added new filters
    - `author_or_artist`

Fix bugs

- Fixed progress bar are not hidden when `--no-progress-bar` is used

Dependecies

- Bump Pillow to v9.3.0
- Bump py7zr to v0.20.2

Breaking changes

- `--search-filter` and `-sf` are no longer working as replaced with `--filter` and `-ft` option. The `--search-filter` and `-sf` option will be removed in v2.6.0

3.6.25 v2.3.0

New features

- Added ability to disable progress bar

Improvements

- When executing `login_cache:purge` cached auth tokens will be invalidated (not only purged)
- Update in bundled executable is now verify the file before proceed to install

3.6.26 v2.2.0

New features

- Added new environment variables
  - `MANGADEXDL_USER_BLACKLIST`
  - `MANGADEXDL_GROUP_BLACKLIST`
- Added new config
  - `sort_by`
- Added `--sort-by`, Sorting download by `volume` or `chapter`
- Added ability to blacklist users and groups

3.6.27 v2.1.0

New features

- Add new environment variables
  - `MANGADEXDL_ZIP_COMPRESSION_TYPE`
  - `MANGADEXDL_ZIP_COMPRESSION_LEVEL`
- Added ability to download seasonal manga

Fix bugs

- Fixed download file is incomplete when network error happened

3.6.28 v2.0.4

Fix bugs

- Fixed the app repeatedly download chapter images after error happened in one of MD@H node

3.6.29 v2.0.3

Fix bugs

- Fixed the app failed to download because of:
    - manga has volume with leading zeros numbers (ex: `00`, `01`)
    - manga has volume that is not numbers (ex: `3C63`, `xxx`)
    - manga doesn't have cover

3.6.30 v2.0.2

Fix bugs

- Fixed `UnboundLocalError: local variable 'delay' referenced before assignment` when the app get rate limited
- Fixed download in any `single` formats is not working if there is no chapters want to download
- Fixed the app is leaving empty folders if chapters or volume already exists #35

3.6.31 v2.0.1

Fix bugs

- Fixed downloader is keep restarting indefinitely if the server has a problem.

Improvements

- Downloader now has a default timeout (15 seconds) to prevent infinite waiting

3.6.32 v2.0.0

New features

- Added ability to auto select prompt (list, library, followed-list command) #29
- Added ability to disable creation of chapter info for any `single` and `volume` formats #30
- Added new config
    - `no_chapter_info`
    - `no_group_name`
- Added new search filters
    - `order[*]` #32
- Added optional dependency `orjson` for faster loading and dumping JSON object.
- Added EPUB support (`epub`, `epub-volume`, `epub-single`)

Improvements

- Search filter `included_tags` and `excluded_tags` are now accepting keyword

Fix bugs

- Fixed message `Chapter ... from group ... has no images` is not showing properly.
- Fixed batch download error handler is not working
- Fixed download is overflowing when `.temp` file is out of range
- Fixed memory slowly increased during download
- Fixed download with `raw-single` format is not working.
- Fixed error `OSError:  broken data stream when reading image file` when downloading in any `pdf` formats.
- Fixed downloder is overflowing when server didn't support `Range` header

Breaking changes

- Removed `--unsafe` and `-u` option (deprecated from v1.3.0)
- Removed `--no-verify` and `-nv` option
- Removed API references *notes*
- Changed extension file for `tachiyomi-zip` format (from `.zip` to `.cbz`)
- Pillow is no longer required when downloading in any `single` and `volume` format.
- All formats will download and convert in separated time (previously was download and convert in same time).
- `--range` option is disabled, because it's broken right now and needs to reworked

Notes: API references removal

All public API is now become private API. Please do not use it for your python script. Those can be changed without any notice.

3.6.33 v1.7.2

Fix bugs

- Fixed improper validation for `file:<location>` command
- Fixed error `cannot save mode xxx` when downloading in any `pdf` format

3.6.34 v1.7.1

Fix bugs

- Fixed the app won't start #28.
- Fixed `-doh` or `--dns-over-https` option are not working.

3.6.35 v1.7.0

New features

- Added ability to download manga from scanlator group
- Added new search filter
    - `group`
- Added new config
    - `dns_over_https`

Improvements

- Added delay to each failed HTTP(s) requests (Delay time formula: `attempt * 0.5`). If `--delay-requests` is set, delay time will be used from `--delay-requests` instead.
- Simplified error message *[notes]*

Dependencies

- Pinned `requests-doh` library version to 0.2.2

Notes: Simplified error message

Error message has been simplified, no more showing usage on every error thrown.

Before

```
$ mangadex-dl "library:ayeeee lmao"
usage: mangadex-dl [-h] [--type {manga,list,chapter,legacy-manga,legacy-chapter}] [--
↪path FOLDER] [--replace]
                   [--verbose] [--unsafe] [--search] [--search-filter SEARCH_FILTER] [--
↪use-alt-details]
                   [--group GROUP_ID] [-lang LANGUAGE] [--list-languages] [--start-
↪chapter CHAPTER]
                   [--end-chapter CHAPTER] [--no-oneshot-chapter] [--no-group-name] [--
↪use-chapter-title]
                   [--range RANGE] [--start-page NUM_PAGE] [--end-page NUM_PAGE] [--use-
↪compressed-image]
                   [--cover {original,512px,256px,none}] [--login] [--login-username␣
↪USERNAME]
                   [--login-password PASSWORD] [--login-cache]
                   [--save-as {raw,raw-volume,raw-single,tachiyomi,tachiyomi-zip,pdf,pdf-
↪volume,pdf-single,cbz,cbz-volume,cbz-single,cb7,cb7-volume,cb7-single}]
                   [--proxy SOCKS / HTTP Proxy] [--proxy-env] [--force-https] [--delay-
↪requests TIME_IN_SECONDS]
                   [--dns-over-https PROVIDER] [--timeout TIME_IN_SECONDS] [-pipe] [--no-
↪verify] [-v] [--update]
                   URL
mangadex-dl: error: ayeeee lmao are not valid status, choices are {reading, on_hold,␣
↪plan_to_read, completed, dropped, re_reading}
```

After

```
$ mangadex-dl "library:ayeeee lmao"
Error: ayeee lmao are not valid status, choices are {dropped, completed, on_hold, plan_
↪to_read, re_reading, reading}
```

3.6.36 v1.6.2

Fix bugs

- Fixed duplicate `ComicInfo.xml` in `cbz` format when app is in verifying files state #27.

3.6.37 v1.6.1

Improvements

- Added `ComicInfo.xml` for `cbz` format. This file is useful for showing details of manga (if an reader support `ComicInfo.xml` file) #26.

3.6.38 v1.6.0

New features

- Added DNS-over-HTTPS support
- Added ability to set timeout for each HTTP(s) requests

3.6.39 v1.5.0

New features

- Added ability to throttle requests #24

Fix bugs

- Fixed error `Too many open files` in Unix-based systems when downloading manga in any `pdf` format
- Fixed false owner list name when executing command `list:<user-id>`
- Fixed unproperly parsed `list` command

Improvements

- Do not re-download cover manga when it already exist #23

Dependencies

- Bump py7zr to v0.20.0

3.6.40 v1.4.0

New features

- Added ability to choose and download random manga

Fix bugs

- Fixed report system is not working if HTTP response is server error
- Fixed fail to parse authors and artists when fetching manga

3.6.41 v1.3.0

New features

- Added web URL location (`http`, `https`) support for batch download syntax
- Added new languages
    - Azerbaijani
    - Slovak
- Added search filters
- Added `--force-https` and `-fh` option, forcing you to download images in standard HTTPS port 443
- Added new configs
    - `force_https`
    - `path`
- Added ability to preview cover manga when searching manga

Improvements

- Reduced time to preview list

Fix bugs

- Fixed error `NameError: name 'exit' is not defined` in bundled executable when executing command `login_cache` or `login_cache:show`
- Fixed mangadex-downloader won't start in Python 3.8
- Fixed config is not parsed properly

Breaking changes

- Removed unsafe feature, `--unsafe` or `-u` option is still exist but it's doing nothing and will be removed in v2.0.0. See b32dac4
- Removed `--enable-legacy-sorting` option as it's deprecated since v1.1.0

Notes: Unsafe feature removal

You may be wondering, why remove a feature that got added 2 months before ?

Okay that was my mistake, because i was really naive to implement some restriction that makes user have a complicated process when downloading manga from MangaDex. See d3470ce, but here's the thing, it's a downloader tool and it has nothing to do with content restrictions in a downloader tool.

3.6.42 v1.2.1

Fix bugs

- Fixed fail to get manga, lists, followed lists from user library (The error only happened if user is logged in from cache).

3.6.43 v1.2.0

New features

- Added ability to download manga in all languages
- Added cache authentication
- Added config
- Added new languages
    - Kazakh
    - Tamil
- Added support for `Other` language
- Added `--range` (or `-rg`) option, allow you to download specific chapters and pages.

Fix bugs

- Fixed conflict URL argument with pipe input
- Fixed update is failing if user is logged in
- Fixed batch download throwing an error if location is pointed at folder

Improvements

- Simplified chapter and volume name. For example: From `Volume. n Chapter. n` to `Vol. n Ch. n`
- Reduced requests fetching all chapters
- When batch downloading urls and error encountered. Do not stop immediately, instead ignore broken url
- Now you can search manga with empty keyword (`mangadex-dl -s`)
- Reduced startup time mangadex-downloader
- [`mangadex_downloader.format.utils.delete_file()`] Do not remove files when it doesn't exist

Breaking changes

- MangaDex legacy urls are now deprecated

- beautifoulsoup4 dependency was removed, because all of app works is depend on MangaDex API not MangaDex frontend website

- Erotica manga now cannot be downloaded without unsafe enabled

3.6.44 v1.1.0

New features

- Added aliases command line args

- Added `--version`, `-v` to print version

- Added ability to download list from user library

- Added ability to filter scanlation groups with user

- Added ability to download user followed list

- Added batch download with syntax `file:<path_to_file>` to prevent conflict with reserved names in URL argument

Fix bugs

- Fix missing fonts in Linux for any `volume` and `single` formats. If error occurred during creating chapter info or the text is really small. Please install Arial font or FreeSans font (from GNU FreeFont) #20 @bachhh

Improvements

- Whenever the app in resuming download state, it will verify all downloaded images. Causing the app to perform faster when resuming download. **NOTE:** in v1.0.2 and lower, the app will open connection to MangaDex CDN to check if image from MangaDex CDN is same size as the downloaded one, which cause slow performance.

- Reduced fetching time before downloading a MangaDex list

- The app will not stop when server error happened. Instead, retry for 5 times. If still failed, the app will exit.

Breaking changes

- `--enable-legacy-sorting` is now deprecated and does nothing. All images will be named with numbers leading zeros (ex: `001.jpg`)

- `pdf` format now will download the chapter first and then convert it.

3.6.45 v1.0.2

Fix bugs

- Fixed `--replace` is not working properly in `cbz` format
- Fixed `--enable-legacy-sorting` is not working properly in `cbz` format
- Fixed duplicate oneshot

New features

- From now on, you can download mangas from user library (require authentication)
- Added new formats
    - cb7 #17
    - cb7-volume #17
    - cb7-single #17

3.6.46 v1.0.1

Fix bugs

- Fix page is starting from 2 when format cbz and pdf single is used
- Fix Random NoneType error while downloading #19

3.6.47 v1.0.0

New features

- Legacy MangaDex url is now downloadable
- Added localization title and description for manga, with this you can choose different titles in different languages !
- Added pipe input
- Added ability to download all same chapters with different scanlation groups #9
- Added ability to add chapter title to each chapters filename
- Added shortcut option for `--language`
- Added new formats
    - raw
    - raw-volume #13
    - raw-single
    - pdf-volume #13
    - cbz-volume #13
- Added search feature

- Added ability to login with email
- Added old technique sorting images #10
- Now, each chapter filename has scanlation group name on it

Fix bugs

- Fixed image is not finished downloading but marked as "finished" #14
- Fixed duplicate scanlation groups #11
- For Mac OS users, error like "OSError: cannot open resource" is should not be happened again. If you are getting this error again, please install Arial font (`arial.ttf`) in your OS. If still getting error, please report it to issue tracker

Improvements

- Reduced requests to MangaDex server (to reduce hit limits and provide faster downloading)
- Much better error handling

Breaking changes

- mangadex-downloader now restrict downloading porn content by default, you can bypass it using `--unsafe` option. See d3470ce why i'm doing this. (**NOTE:** to clarify, you still can search porn manga in MangaDex by login and enable it in settings)
- aiohttp dependency was removed, because i don't have a plan to make mangadex-downloader asynchronous, also to reduce time to load the app.
- Changed default format from `tachiyomi` to `raw` format, see 6aa1c98 why i'm doing this.

3.6.48 v0.6.1

- Downloading manga with format `pdf-single` or `cbz-single` throwing error `The _imagingft C module is not installed` after updating to v0.6.x in bundled executable
- Download a list with different language is not working

3.6.49 v0.6.0

- Added `pdf-single` save as format
- Added `cbz` (Comic Book Archive) save as format
- Added `cbz-single` save as format
- Now, you can download a list (`https://mangadex.org/list/...`) or a chapter (`https://mangadex.org/chapter/...`)
- Added `--type` option to override type MangaDex url
- Added `--start-page` option, start download chapter page from given page number
- Added `--end-page` option, stop download chapter page from give page number

3.6.50 v0.5.2

- Fixed `--update` option is not working
- Fixed unhandled exception if `--start-chapter` is more than `--end-chapter`
- Optimized app
- Better error handling

3.6.51 v0.5.1

- Fixed critical `ModuleNotFoundError` for those who installed from PyPI

3.6.52 v0.5.0

Note: PyPI version is broken, the bug is already fixed in v0.5.1

- Fixed oneshot chapter is unproperly parsed
- Fix chapters are sometimes in string not in numbers #7
- Fix `ConnectionError`
- Added `none` type in `--cover` option, if the value is `none` it will not download cover manga.
- Added save as format, available in 3 formats: {`tachiyomi, tachiyomi-zip, pdf`}. Default to `tachiyomi`
- Added PDF support
- Added Tachiyomi zipped support
- From now mangadex-downloader will no longer support Python 3.5, 3.6 and 3.7

3.6.53 v0.4.2

- Fixed sometimes manga are failed to get volumes
- Fixed additional info manga are not appeared in Tachiyomi local
- Fixed uncomplete artists and authors in manga
- Fixed app still running when `--start-chapter` are more than `--end-chapter`
- Fixed app throwing error if one of chapters has no images
- Added auth handler. If login and logout is failed it will try again 5 times, if still failed it will exit (login) or ignored (logout)
- Added `--cover` option, select quality cover to download
- Changed license from The Unlicense to MIT License. From now the app will be released under MIT License.

3.6.54 v0.4.1

- Fixed error if selected manga with different translated language has no chapters.

- Fixed sometimes manga are failed to get chapters.

- From now the app will fetch the chapters first before download the covers, writing details, etc.

3.6.55 v0.4.0

- Added multi urls in a file support

- Added multi languages support

- Added update feature, **NOTE:** This feature highly experimental for compiled app

- Fix bug #6

3.6.56 v0.3.0

- A lot of bug fixes

- Added authentication support

- Reworked how download chapter images work

- Added `CTRL + C` handler

- Added documentation

- Added `--replace` option

For more detail about updates, see below.

- Fixed `--start-chapter` and `--end-chapter` malfunctioning #5 , thanks to @kegilbert !

- Added `--replace` option, replace manga if exist.

- Added KeyboardInterrupt (Ctrl+C) handler, so there are no messy outputs when `CTRL + C` is pressed. See example below.

Before

```
$ mangadex-dl "a96676e5-8ae2-425e-b549-7f15dd34a6d8"
[INFO] Fetching manga a96676e5-8ae2-425e-b549-7f15dd34a6d8
[INFO] Downloading cover manga Komi-san wa Komyushou Desu.
file_sizes:  55%|              | 1.51M/2.76M [00:00<00:00, 5.84MB/s]^CTraceback (most⎵
→recent call last):
  File ".../.local/bin/mangadex-dl", line 8, in <module>
    sys.exit(main())
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/__main__.py", line 59,
→ in main
    _main(sys.argv[1:])
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/__main__.py", line 45,
→ in _main
    download(
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/main.py", line 84, in⎵
→download
    download_file(manga.cover_art, str(cover_path))
```

(continues on next page)

```
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/utils.py", line 27,␣
→in download
    downloader.download()
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/downloader.py", line␣
→117, in download
    writer.write(chunk)
KeyboardInterrupt
```

After

```
$ mangadex-dl "a96676e5-8ae2-425e-b549-7f15dd34a6d8"
[INFO] Fetching manga a96676e5-8ae2-425e-b549-7f15dd34a6d8
[INFO] Downloading cover manga Komi-san wa Komyushou Desu.
file_sizes:  50%|              | 1.38M/2.76M [00:00<00:00, 3.11MB/s]
[INFO] Cleaning up...
Action interrupted by user
```

- Added type checking for MangaDex url, so no more messy outputs. See example below

Before

```
$ mangadex-dl "invalid manga"
[ERROR] invalid manga is not valid mangadex url
Traceback (most recent call last):
  File ".../.local/bin/mangadex-dl", line 8, in <module>
    sys.exit(main())
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/__main__.py", line 59,
→ in main
    _main(sys.argv[1:])
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/__main__.py", line 45,
→ in _main
    download(
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/main.py", line 37, in␣
→download
    raise e from None
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/main.py", line 34, in␣
→download
    manga_id = validate_url(url)
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/utils.py", line 15,␣
→in validate_url
    raise InvalidURL('Invalid MangaDex URL or manga id')
mangadex_downloader.errors.InvalidURL: Invalid MangaDex URL or manga id
```

After

```
$ mangadex-dl "invalid manga"
usage: mangadex-dl [-h] [--folder FOLDER] [--replace] [--proxy SOCKS / HTTP Proxy] [--
→proxy-env] [--verbose]
                   [--start-chapter CHAPTER] [--end-chapter CHAPTER] [--use-compressed-
→image] [--no-oneshot-chapter]
                   [--login] [--login-username USERNAME] [--login-password PASSWORD]
                   URL
__main__.py: error: argument URL: Invalid MangaDex URL or manga id
```

- Fixed report time for MangaDex network are high numbers

- Fixed massive reports to MangaDex network if response `status_code` was `206`

- HTTP server errors are now handled by the session

- Now `download()` will raise `InvalidManga` if given manga are not exist, see example below.

Before

```
$ mangadex-dl "2bdf5af0-54ab-41e2-978b-58e74bdb9d15"
[INFO] Fetching manga 2bdf5af0-54ab-41e2-978b-58e74bdb9d15
Traceback (most recent call last):
  File ".../.local/lib/python3.8/site-packages/mangadex_downloader/fetcher.py", line 11,
→in get_manga
    raise HTTPException('Server sending %s code' % r.status_code) from None
mangadex_downloader.errors.HTTPException: Server sending 404 code
```

After

```
$ mangadex-dl "2bdf5af0-54ab-41e2-978b-58e74bdb9d15"
[INFO] Fetching manga 2bdf5af0-54ab-41e2-978b-58e74bdb9d15
Traceback (most recent call last):
  File "...\mangadex-downloader\mangadex_downloader\fetcher.py", line 9, in get_manga
    raise InvalidManga('Manga \"%s\" cannot be found' % manga_id)
mangadex_downloader.errors.InvalidManga: Manga "2bdf5af0-54ab-41e2-978b-58e74bdb9d15"
→cannot be found
```

- Added `login()` for logging in to MangaDex API, for more info: https://mangadex-downloader.readthedocs.io/en/latest/api.html#mangadex_downloader.login.

- Added `logout()` for logging out from MangaDex API, for more info: https://mangadex-downloader.readthedocs.io/en/latest/api.html#mangadex_downloader.logout

3.6.57 v0.2.0

- Some optimization

- Downloading chapters are now starting from zero (the previous one was from highest chapter)

- Added `--no-oneshot-chapter`. If oneshot chapter exist, don't download it.

- Added `--use-compressed-image`. Use low size images manga

- Added `--start-chapter`. Start download chapter from given chapter number.

- Added `--end-chapter`. Stop download chapter from given chapter number.

- Added `compressed_image` parameter in `download()` function

- Added `start_chapter` parameter in `download()` function

- Added `end_chapter` parameter in `download()` function

- Added `no_oneshot_chapter` in `download()` function

3.6.58 v0.1.1

This update fixes critical error from v0.1.0

3.6.59 v0.1.0

- Reworked app for MangaDex API v5
- Added CLI
- Added proxy support (http or socks)
- From now, the app will always download in tachiyomi local format.

Other features are coming soon.

Note: A lot of errors during running `mangadex-downloader` v0.1.0. The errors (included with solution) can be see below:

Case 1

Error: The app throwing error like this:

```
Traceback (most recent call last):
  File "...../mangadex-downloader", line 5, in <module>
    from mangadex_downloader.__main__ import main
  File "...../python3.8/site-packages/mangadex_downloader/__init__.py", line 13, in
→<module>
    from .main import *
  File "..../python3.8/site-packages/mangadex_downloader/main.py", line 2, in <module>
    from pathvalidate import sanitize_filename
ModuleNotFoundError: No module named 'pathvalidate'
```

Solution: Install `pathvalidate`

```
# For Windows
py -3 -m pip install pathvalidate

# For Linux / Mac OS
python3 -m pip install pathvalidate
```

Case 2

Error: CLI `mangadex-dl` or `mangadex-downloader` didn't work.

```
$ mangadex-dl
Traceback (most recent call last):
  File "...", line 8, in <module>
    sys.exit(main())
TypeError: main() missing 1 required positional argument: 'argv'
```

Solution: Run mangadex-downloader module from python app with `-m` option

```
# For Windows
py -3 -m mangadex_downloader
```

```
# For Linux / Mac OS
python3 -m mangadex_downloader
```

3.6.60 v0.0.5

- Bug fix: Changed API Mangadex URL from `https://mangadex.org/api/v2` to `https://api.mangadex.org/v2`

- New feature: Added `latest_chapters` attribute in `MangaData` class, to see the latest chapters in manga

3.6.61 v0.0.4

- New feature: added `Mangadex.extract_basic_info()` to grab all information in manga without the chapters.

- New feature: added `data_saver` argument in `Mangadex.extract_info()` and `Mangadex.download()` to use low quality and size image.

- Enchantment: now mangadex-downloader will always using API for fetching information and chapters for manga, **NOTE:** for grabbing manga id still need scrapping from main website.

- Enchantment: Improved verbose logger.

- Bug fix: fixed failed to create folder when downloading manga in windows OS.

- `language` argument in `Mangadex` class, `MangadexFetcher` class, and `mangadex_downloader.parser.parse_infos()` (this function is removed too) is removed, until i explore all languages code in mangadex, right now mangadex-downloader will fetch and download in English language by default.

3.6.62 v0.0.3

- Bug fix: given url doesn't have title in url causing empty and useless loop request

- Bug fix: `MangaData.__repr__()` raise error for `oneshot` genre manga

- New Feature: Add `output_folder` in Mangadex class arguments for choose the path in which store the downloaded mangas #1

- Enchantment: add functional `Mangadex.download()`

3.6.63 v0.0.2

- fixed failed to getting info when manga dont have more than 100 chapters

3.6.64 v0.0.1

[NOT STABLE, USABLE]