
malscraper

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MALSCRAPER PACKAGE

1.1 Subpackages

1.1.1 malscraper.types package

Submodules

malscraper.types.AiringState module

```
class malscraper.types.AiringState.AiringState
    Bases: enum.Enum

    Enum that models the different airing states a series can have

    AIRING = 'Currently Airing'
    FINISHED = 'Finished Airing'
    NOT_YET_AIRED = 'Not yet aired'
```

malscraper.types.MediaType module

```
class malscraper.types.MediaType.MediaType
    Bases: enum.Enum

    Enum that models the different media types (manga/anime)

    ANIME = 'anime'
    MANGA = 'manga'
```

malscraper.types.WatchState module

```
class malscraper.types.WatchState.WatchState
    Bases: enum.Enum

    Enum that models the different watch-states a series can have

    COMPLETED = 2
    DROPPED = 4
    NOT_IN_LIST = 404
    ON_HOLD = 3
```

```
PLAN_TO_WATCH = 6
```

```
WATCHING = 1
```

Module contents

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1.2 Submodules

1.3 malscraper.Cache module

```
class malscraper.Cache.Cache(preload: bool = False)
```

Bases: object

Class that handles fetching and caching of myanimelist data

```
__init__(preload: bool = False)
```

Initializes the cache directories :param preload: Preloads the current cache into memory

```
flush_time = 86400
```

Specifies the flush time for the cached data

```
in_memory = {'anime': {}, 'manga': {}, 'users': {}}
```

In-Memory cache

```
initialized = False
```

Global initialized variable set to true the first time the constructor is called

```
load_mal_page(mal_id: int, media_type: malscraper.types.MediaType.MediaType)
```

Loads a myanimelist page :param mal_id: The ID of the anime/manga :param media_type: The type of media to load :return: The HTML data

```
load_user_xml(username: str) → bs4.BeautifulSoup
```

Loads a user's XML data :param username: The username to fetch the data for :return: The XML user data

1.4 malscraper.MalAnime module

```
class malscraper.MalAnime.MalAnime(mal_id: int)
```

Bases: object

Class that models a myanimelist anime

`__init__(mal_id: int)`

Generates a MalAnime object :param mal_id: The anime's ID on myanimelist.net

1.5 malscraper.UserMalAnime module

class `malscraper.UserMalAnime.UserMalAnime` (*mal_id: int, username: str*)

Bases: `malscraper.MalAnime.MalAnime`

Class that extends the myanimelist Anime model by integrating user-specific data

`__init__(mal_id: int, username: str)`

Initializes a user-enabled MAL Anime object :param mal_id: The ID of the series on MAL :param username: The username of the user on MAL

1.6 Module contents

MALSCRAPER

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