
xkcd-bot
Release 0.2.1

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Aug 17, 2020

CONTENTS

1	xkcd_bot package	3
1.1	Subpackages	3
1.2	Submodules	4
1.3	xkcd_bot.XkcdBot module	4
1.4	xkcd_bot.XkcdCommandParser module	5
1.5	Module contents	5
2	xkcd_bot	7
3	Indices and tables	9
	Python Module Index	11
	Index	13

Contents:

XKCD_BOT PACKAGE

1.1 Subpackages

1.1.1 `xkcd_bot.db` package

Submodules

`xkcd_bot.db.Comic` module

class `xkcd_bot.db.Comic.Comic` (***kwargs*)

Bases: `sqlalchemy.ext.declarative.api.Base`

Models an XKCD comic

__init__ (***kwargs*)

A simple constructor that allows initialization from kwargs.

Sets attributes on the constructed instance using the names and values in *kwargs*.

Only keys that are present as attributes of the instance's class are allowed. These could be, for example, any mapped columns or relationships.

alt_text

The comic's alt text

id

The ID of the comic (same as on the website itself)

image_data

The image's data

image_url

The URL of the image for this comic

title

The comic's title

xkcd_bot.db.Subscription module

class xkcd_bot.db.Subscription.**Subscription** (**kwargs)
Bases: sqlalchemy.ext.declarative.api.Base

Models a subscription for new XKCD comics

__init__ (**kwargs)
A simple constructor that allows initialization from kwargs.
Sets attributes on the constructed instance using the names and values in kwargs.
Only keys that are present as attributes of the instance's class are allowed. These could be, for example, any mapped columns or relationships.

address
The associated address

address_id
The ID of the associated address

id
The ID of the subscription

last_comic
The last subscription comic to be sent to the user

last_comic_id
The ID of the last subscription comic to be sent to the user

Module contents

1.2 Submodules

1.3 xkcd_bot.XkcdBot module

class xkcd_bot.XkcdBot.**XkcdBot** (connection: bokkichat.connection.Connection.Connection, location: str, db_uri: Optional[str] = None)
Bases: kudubot.Bot.Bot

The Xkcd Bot class that defines the bot's functionality

bg_iteration (_: int, db_session: sqlalchemy.orm.session.Session)
Periodically checks for new notifications and sends them out :param _: The iteration count :param db_session: The database session to use :return: None

classmethod name () → str
Returns The name of the bot

on_new (address: kudubot.db.Address.Address, _: Dict[str, Any], db_session: sqlalchemy.orm.session.Session)
Sends the newest XKCD comic :param address: The user's address :param _: The arguments for the command :param db_session: The database session to use :return: None

on_show (address: kudubot.db.Address.Address, args: Dict[str, Any], db_session: sqlalchemy.orm.session.Session)
Sends a specific XKCD comic :param address: The user's address :param args: The arguments for the command :param db_session: The database session to use :return: None

on_subscribe (*address: kudubot.db.Address.Address, _: Dict[str, Any], db_session: sqlalchemy.orm.session.Session*)

Creates a new subscription for the user :param address: The user's address :param _: The arguments for the command :param db_session: The database session to use :return: None

on_unsubscribe (*address: kudubot.db.Address.Address, _: Dict[str, Any], db_session: sqlalchemy.orm.session.Session*)

Unsubscribes a user :param address: The user's address :param _: The arguments for the command :param db_session: The database session to use :return: None

classmethod parsers () → List[kudubot.parsing.CommandParser.CommandParser]

Returns A list of parser the bot supports for commands

classmethod version () → str

Returns The current version of the bot

1.4 xkcd_bot.XkcdCommandParser module

class xkcd_bot.XkcdCommandParser.XkcdCommandParser

Bases: kudubot.parsing.CommandParser.CommandParser

Parser for the xkcd-bot bot

classmethod commands () → List[kudubot.parsing.Command.Command]

Defines the commands the parser supports :return: The list of commands

classmethod name () → str

Returns The name of the parser

1.5 Module contents

`xkcd_bot.sentry_dsn = 'https://20f54d9cc7ee4e9f94160138ce8f21a3@sentry.namibsun.net/11'`

The sentry DSN for this project

`xkcd_bot.version = '0.2.1'`

The current version of xkcd_bot

CHAPTER
TWO

XKCD_BOT

INDICES AND TABLES

- genindex
- modindex
- search

PYTHON MODULE INDEX

X

xkcd_bot, 5
xkcd_bot.db, 4
xkcd_bot.db.Comic, 3
xkcd_bot.db.Subscription, 4
xkcd_bot.XkcdBot, 4
xkcd_bot.XkcdCommandParser, 5

Symbols

`__init__()` (*xkcd_bot.db.Comic.Comic method*), 3
`__init__()` (*xkcd_bot.db.Subscription.Subscription method*), 4

A

`address` (*xkcd_bot.db.Subscription.Subscription attribute*), 4
`address_id` (*xkcd_bot.db.Subscription.Subscription attribute*), 4
`alt_text` (*xkcd_bot.db.Comic.Comic attribute*), 3

B

`bg_iteration()` (*xkcd_bot.XkcdBot.XkcdBot method*), 4

C

`Comic` (*class in xkcd_bot.db.Comic*), 3
`commands()` (*xkcd_bot.XkcdCommandParser.XkcdCommandParser class method*), 5

I

`id` (*xkcd_bot.db.Comic.Comic attribute*), 3
`id` (*xkcd_bot.db.Subscription.Subscription attribute*), 4
`image_data` (*xkcd_bot.db.Comic.Comic attribute*), 3
`image_url` (*xkcd_bot.db.Comic.Comic attribute*), 3

L

`last_comic` (*xkcd_bot.db.Subscription.Subscription attribute*), 4
`last_comic_id` (*xkcd_bot.db.Subscription.Subscription attribute*), 4

M

`module`
`xkcd_bot`, 5
`xkcd_bot.db`, 4
`xkcd_bot.db.Comic`, 3
`xkcd_bot.db.Subscription`, 4
`xkcd_bot.XkcdBot`, 4
`xkcd_bot.XkcdCommandParser`, 5

N

`name()` (*xkcd_bot.XkcdBot.XkcdBot class method*), 4
`name()` (*xkcd_bot.XkcdCommandParser.XkcdCommandParser class method*), 5

O

`on_new()` (*xkcd_bot.XkcdBot.XkcdBot method*), 4
`on_show()` (*xkcd_bot.XkcdBot.XkcdBot method*), 4
`on_subscribe()` (*xkcd_bot.XkcdBot.XkcdBot method*), 4
`on_unsubscribe()` (*xkcd_bot.XkcdBot.XkcdBot method*), 5

P

`parsers()` (*xkcd_bot.XkcdBot.XkcdBot class method*), 5

S

`dsn` (*in module xkcd_bot*), 5
`Subscription` (*class in xkcd_bot.db.Subscription*), 4

T

`title` (*xkcd_bot.db.Comic.Comic attribute*), 3

V

`version` (*in module xkcd_bot*), 5
`version()` (*xkcd_bot.XkcdBot.XkcdBot class method*), 5

X

`xkcd_bot`
`module`, 5
`xkcd_bot.db`
`module`, 4
`xkcd_bot.db.Comic`
`module`, 3
`xkcd_bot.db.Subscription`
`module`, 4
`xkcd_bot.XkcdBot`
`module`, 4
`xkcd_bot.XkcdCommandParser`

module, 5
XkcdBot (*class in xkcd_bot.XkcdBot*), 4
XkcdCommandParser (*class in xkcd_bot.XkcdCommandParser*), 5