
pyKirara Documentation

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pyKirara is a Python library for the [starlight.kirara](#) API

1.1 Main Client

class `pyKirara.Kirara` (*requests_session=True, request_timeout=10*)

A class that connects to the kirara api

get_card (*card_id: int, en_translate=False*)

Retrieve a card's data

Parameters

- **card_id** (*int*) – A Card's ID to use from
- **en_translate** (*bool*) – Whether to translate the title, skill name, and lead skill to english

Returns A Card object, which contains the card's info

Return type *Card*

get_id (*category, name, card_rarity=None, position=None*)

Find a specific id based on parameters given

Parameters

- **category** (*str*) – Which category to search from ('card_t, or 'char_t')
- **name** (*str*) – An idol's name, full or just one part of a name
- **card_rarity** (*str*) – A rarity of card to look from (ranges from n to ssr, or n+ to ssr+)
- **position** (*int*) – Which card to get, based on release order

Returns

- *list* – A list of cards matching the parameters
- *int* – An ID of a specific idol, or card

get_idol (*idol_id: int*)

Retrieve an idol's info

Parameters **idol_id** (*int*) – An Idol's ID to use from

Returns An Idol object, which contains the idol's info

Return type *Idol*

get_image (*card: pyKirara.card.Card, category='card'*)

Retrieve a Card's image data

Parameters

- **card** (*Card*) – A card object to use
- **category** (*str*) – What type of image to use (Default value is 'card')

Returns The image bytes

Return type bytes

get_now (*category, en_translate=False*)

Retrieve a list of occasions happening in the game

Parameters

- **category** (*str*) – What type of event to iterate from
- **en_translate** (*bool*) – Whether to translate the event's name

Returns A list of gachas or events

Return type list

get_version ()

Retrieve the client's version

Returns An Info object, which contains version info

Return type *Info*

1.2 Return Dataclasses

class `pyKirara.idol.Idol` (*char_data: dict*)

Represents an idol and her data

char_id

The idol's character id

Type int

age

The idol's age

Type int

bday

The idol's birthday (not including month)

Type int

bmonth

The idol's birthmonth

Type int

atype
The idol's airtyping

btype
The idol's bloodtype

Type str

bust
The idol's bust measurement

Type int

waist
The idol's waist measurement

Type int

hip
The idol's hip measurement

Type int

horoscope
The idol's constellation horoscope

Type str

conventional
The idol's conventional name

Type str

favorite
The idol's favorite hobby

Type str

hand
The idol's dominant hand

Type str

height
The idol's height (in centimeters)

Type int

home_town
The idol's hometown

Type str

kana_spaced
The idol's name but in spaced kana

Type str

kanji_spaced
The idol's name but in kanji

Type str

name
The idol's name in japanese

Type str

name_kana

The idol's name in kana

Type str

personality

The idol's personality value

Type int

type

The idol's type (Cute, Cool, Passion, etc.)

Type str

voice

The idol's VA

Type str

weight

The idol's weight

Type int

icon

The link to the idol's icon

Type str

class pyKirara.card.Card(*card_data: dict*)

Represents a Card and its data

card_id

The card's card id

Type int

album_id

The card's album id

Type int

type

The card's type (Cool, Cute, Passion, Office)

Type str

image

The card's image API link

Type str

has_spread

True if the card has a spread image, otherwise false

Type bool

icon

The card's icon link

Type str

chara_id

The card's character id

Type int

chara
An Idol object using the card's idol data
Type *Idol*

evo_id
The card's evolution id of transformed card
Type int

evo_type
The card's evolution rarity type (From R to SSR)
Type int

grow_type
An integer that represents a boolean value, checks if card can grow or not
Type int

name
The card's name
Type str

title
The card's untranslated title
Type str

open_dress_id
The card's model id
Type int

place
The card's place value
Type int

pose
The card's sprite number
Type int

series_id
The evolution chain id of the card
Type int

skill
The card's skill info in a Skill object
Type *Skill*

lead_skill
The card's lead skill info in a Lead Skill object
Type *LeadSkill*

rarity
Represents the card's rarity data in a Rarity object
Type *Rarity*

min_vocal
The card's minimum vocal value

Type int

max_vocal

The card's maximum vocal value

Type int

bonus_vocal

The card's bonus vocal value

Type int

min_dance

The card's minimum dance value

Type int

max_dance

The card's maximum dance value

Type int

bonus_dance

The card's bonus dance value

Type int

min_visual

The card's minimum visual value

Type int

max_visual

The card's maximum visual value

Type int

bonus_visual

The card's bonus visual value

Type int

min_hp

The card's minimum health value

Type int

max_hp

The card's maximum health value

Type int

bonus_hp

The card's bonus health value

Type int

min_max_stats (*stat: str, level: int*)

Calculates the value of a stat in a specific level

Returns Value of stat in specified level

Return type int

class pyKirara.card.**Rarity** (*rarity_data: dict*)

Represent a Card's rarity data

rarity

An int representing how rare the card is

Type int

base_max_level

A number that is the level cap of the card

Type int

add_max_level

A number that is how many levels the card can possibly have

Type int

max_love

The max amount of love that can be obtained

Type int

base_give_money

The amount of money the card gives if the card is retired

Type int

base_give_exp

The amount of exp the card give if they are used as exp fodder

Type int

add_param

???

Type int

max_star_rank

The cap that the card can get by increasing star rank

Type int

class pyKirara.skills.**Skill** (*skill_data: dict*)

Represents a Skill and its Data

id

The Skill's ID

Type int

name

The Skill's name

Type str

explain

An untranslated explanation of the skill

Type str

en_explain

A machine translated explanation of the skill

Type str

skill_type

The Skill's type

Type str

judge_type
Type int

trigger_type
Type int

trigger_value
Type int

cutin_type
Type int

condition
Type int

value
Type int

value_2
Type int

max_chance
percent stuff
Type int

max_duration
The max duration of how long the skill last in milliseconds
Type int

skill_type_id
The skill type's id
Type int

effect_length
A dict of the minimum and max value of the how long the skill's effect last
Type dict

proc_chance
A dict of the minimum and max value of the probability the skill will take effect
Type dict

class pyKirara.skills.**LeadSkill** (*skill_data: dict*)
Represents a Lead Skill and it's data

id
The Skill's ID
Type int

name
The Skill's name
Type str

explain
An untranslated explanation of the skill

Type str

en_explain
A machine translated explanation of the skill

Type str

need_cute
A bool value if the skill requires a Cute Idol

Type bool

need_cool
A bool value if the skill requires a Cool Idol

Type bool

need_passion
A bool value if the skill requires a Passion Idol

Type bool

target_attribute
What attribute the skill affects

Type str

target_attribute_2
Another attribute the skill affects

Type str

target_param
What parameter the skill affects (Visual, Vocal, etc.)

Type str

target_param
Another parameter the skill affects

Type str

up_type
???

Type int

up_type_2
???

Type int

up_value
???

Type int

up_value_2
???

Type int

special_id
The skill's special ID

Type int

need_chara

If the skill needs a specific character

Type str

class pyKirara.infos.**Gacha** (*gacha_data: dict*)

Represents gacha information

gacha

A value that represents the gacha's position

Type int

id

The gacha's id

Type int

name

The gacha's name in japanese

Type str

start_date

The gacha's start date

Type UNIX-datetime

end_date

The gacha's end date

Type UNIX-datetime

type

The gacha type

Type int

subtype

The gacha sub-type

Type int

rates

The weighted rates for the gacha

Type dict

class pyKirara.infos.**Info** (*info_data: dict*)

Represents the API's info

truth

The game's (Deresute) truth version

Type str

api_major

The API's version major

Type int

api_revision

The API's revision number

Type int

```
class pyKirara.infos.Event (gacha_data)
    Represents event info

    event
        Event index number in 'happening/now' endpoint
        Type int

    id
        The event's id
        Type int

    name
        Event name
        Type str

    start_date
        Event start date
        Type datetime obj

    end_date
        Event end date
        Type datetime obj

    result_end_date
        The time left for the Event until it ends
        Type datetime obj
```


CHAPTER 2

Usage

```
import pyKirara

client = pyKirara.Kirara()
uzuki = client.get_idol(101)

print(f"HI! MY NAME IS {uzuki.conventional}")
print("I'll do my best!")
print(f"I'am {uzuki.age} years old!")

# Returns:
# HI! MY NAME IS Shimamura Uzuki
# I'll do my best!
# I'am 17 years old!
```


CHAPTER 3

Requirements

- Python 3.5+
- [Requests](#) library

CHAPTER 4

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