

# Pokemon TCG (Trading Card Game)

---

## Provides:

This API provides information about the various components (name, type, id, ...) found on Pokemon cards or general information about Pokemon sets (name, series, totalCards, ...).

## Key Provisioning:

**Pain factor** (*0=eazpz...5=nightmare*): **1**

- No API key required

## Quotas:

- 5000 requests per hour

---

## The Good:

- Many query string parameters to describe cards and sets.
- Easy API format (<https://api.pokemontcg.io/v1/<type>?<field>=<value>>)
- Parameters allow for AND / OR logical operators. (AND only works if the field accepts multiple values)
- Great documentation (displays all the possible query string parameters that one can use)

## The Bad:

- pageSize only returns a maximum of 1000 cards (default is 100 if not specified)
- Certain parameters are more practical than others. (names are easy, ids are not)
- Requires the use of a header when opening the url
  - `urlopen(Request(headers={'User-Agent': 'Mozilla/5.0'}))` works, even if you aren't using Mozilla
  - If no header is provided, it will return a 403 error, which could also happen if you go over your rate limit

## The Ugly:

- Avoid using the UI as the display is different from the API results.

**Location:** <https://pokemontcg.io/>

---

Accurate as of 2018-11-14

Contributors:

Kenny Li

Maggie Zhao