

# Pokemon TCG LimitlessTCG Scraper Plugin

A plugin for [Silhouette Card Maker](#) that scrapes Pokemon TCG deck lists from [LimitlessTCG](#) and optionally fetches card images.

Based on [TCG-scraper](#) by Adam1400.

## Features

- Scrape sanctioned and unsanctioned Pokemon TCG tournaments from LimitlessTCG
- Extract deck lists with card quantities
- Filter by format (Standard, Expanded, or All)
- Save deck lists to readable text files
- Optionally fetch card images from Pokemon TCG API
- Compatible with Silhouette Card Maker workflow

## Installation

### Prerequisites

1. Install Python 3.7 or higher
2. Set up Silhouette Card Maker (follow their [setup guide](#))

### Install Plugin

1. Navigate to your Silhouette Card Maker root directory
2. Create the plugin directory structure:



bash

```
mkdir -p plugins/ptcg
```

3. Copy the plugin files:
  - `fetch.py` → `plugins/ptcg/fetch.py`
  - `requirements.txt` → `plugins/ptcg/requirements.txt`
4. Install dependencies:



bash

```
# Activate your virtual environment first
source venv/bin/activate # On macOS/Linux
# or
.\venv\Scripts\Activate.ps1 # On Windows
```

```
# Install plugin requirements
pip install -r plugins/ptcg/requirements.txt
```

## Usage

### Basic Usage

Scrape 5 Standard format tournaments and save deck lists:



bash

```
python plugins/ptcg/fetch.py
```

### Scrape Expanded Format



bash

```
python plugins/ptcg/fetch.py --format expanded
```

### Scrape More Tournaments



bash

```
python plugins/ptcg/fetch.py --num-tournaments 10
```

### Scrape Unsanctioned Tournaments



bash

```
python plugins/ptcg/fetch.py --unsanctioned
```

## Fetch Card Images



bash

```
python plugins/ptcg/fetch.py --fetch-images
```

This will download card images to `game/front/` directory, ready for use with Silhouette Card Maker.

## Custom Output Directory



bash

```
python plugins/ptcg/fetch.py --output-dir custom/path --save-decks custom/decks.txt
```

## Command Line Options

Option	Short	Default	Description
--format	-f	standard	Tournament format (standard, expanded, all)
--sanctioned/--unsanctioned		--sanctioned	Scrape sanctioned or unsanctioned tournaments
--num-tournaments	-n	5	Number of tournaments to scrape (-1 for all)
--output-dir	-o	game/front	Directory to save card images
--save-decks	-s	game/decklist/scraped_decks.txt	File to save deck lists
--fetch-images/--no-fetch-images		--no-fetch-images	Fetch card images from Pokemon TCG API

## Example Workflows

### 1. Check Your Collection Against Meta Decks



bash

```
# Scrape current meta decks
python plugins/ptcg/fetch.py --format standard --num-tournaments 10

# Review the deck lists in game/decklist/scraped_decks.txt
# Identify which cards you need for competitive decks
```

## 2. Create Proxy Deck for Testing



bash

```
# Scrape a specific tournament's decks and fetch images
python plugins/ptcg/fetch.py --fetch-images --num-tournaments 1

# Create PDF with Silhouette Card Maker
python create_pdf.py

# Print and cut with your Silhouette machine
```

## 3. Build a Deck Database



bash

```
# Scrape all tournaments from multiple formats
python plugins/ptcg/fetch.py --format all --num-tournaments -1 --save-decks decks/all_decks.txt
```

# Output Format

### Deck List File

The saved deck lists follow this format:



Deck: Lugia VSTAR  
Player: John Doe  
Format: standard  
Tournament ID: 12345  
Hash: a1b2c3d4e5f6...

Cards:  
4x Lugia V  
3x Lugia VSTAR  
4x Archeops  
2x Lumineon V  
...

=====

## Card Images

Card images are saved as:

- Filename: {card\_name}\_{copy\_number}.png
- Location: Specified output directory (default: game/front/)
- Format: PNG
- Ready for use with create\_pdf.py

## Integration with Silhouette Card Maker

After scraping and downloading card images:

1. Review images in game/front/ directory
2. (Optional) Add card backs to game/back/ directory
3. Create PDF:



bash

```
python create_pdf.py
```

4. Print and cut with Silhouette Studio

## Troubleshooting

### "Module not found" errors

- Make sure you activated the virtual environment
- Reinstall requirements: pip install -r plugins/ptcg/requirements.txt

## "Connection refused" or timeout errors

- LimitlessTCG might be experiencing issues
- Try again later
- Check your internet connection

## No card images downloaded

- Make sure `--fetch-images` flag is set
- Pokemon TCG API might have rate limits
- Check card names in the deck list for accuracy

## Images not appearing in PDF

- Verify images are in the correct directory
- Check file names don't have special characters
- Ensure images are valid PNG files

## API Rate Limits

- **LimitlessTCG**: No official rate limit, but be respectful
- **Pokemon TCG API**: Reasonable rate limits, space out large requests

## Legal Notice

This plugin is for **personal, non-commercial use only**.

- Proxies should only be used for casual play and playtesting
- Proxies must be easily identifiable as proxies
- Do not use proxies in sanctioned tournaments
- Do not create counterfeit cards to deceive people
- Respect Pokemon TCG trademarks and copyrights

## Contributing

Issues and pull requests welcome! Please follow the Silhouette Card Maker contribution guidelines.

## Credits

- Original scraper concept: [TCG-scraper by Adam1400](#)
- Card maker framework: [Silhouette Card Maker by Alan-Cha](#)
- Card data: [LimitlessTCG](#)
- Card images: [Pokemon TCG API](#)

## License

This plugin follows the same license as Silhouette Card Maker.