collect_my_payout_docs

A CLI tool that collects and combines PDF invoices and credit notes for all Stripe payouts in a specified month, organizing them into a standard format for bookkeeping.

Features

- One file per Stripe payout: Combines all invoices and credit notes into a single PDF
- Complete documentation: Includes all customer invoices and refund credit notes
- Efficient API usage: Uses Stripe's balance transactions API for minimal API calls
- Standardized Naming: Files named with date, amount, currency and payout ID

Installation

- 1. Clone this repository
- 2. Install dependencies:

```
cd collect_my_payout_docs
python -m venv venv
source venv/bin/activate # On Windows: venv\Scripts\activate
pip install -r requirements.txt
```

3. Configure your environment:

```
cp .env.example .env
# Edit .env with your Stripe API key
```

Usage

The command requires year and month parameters:

```
python collect_my_payout_docs.py YEAR MONTH
```

For example, to fetch all payout documents for May 2023:

```
python collect_my_payout_docs.py 2023 5
```

Example Output

```
payouts: 100%| 3/3 [00:09<00:00, 3.16s/it] 

saved 2023-05-15_1582.33eur_po_1NlXYZ.pdf (copied to ~/Downloads) 

saved 2023-05-22_-314.64eur_po_1NlABC.pdf (copied to ~/Downloads) 

saved 2023-05-30_764.90eur_po_1NlDEF.pdf (copied to ~/Downloads)
```

File Format

Files are saved in the current directory and also copied to your ~/Downloads folder with this naming pattern:

```
YYYY-MM-DD_amount_currency_payoutid.pdf
```

Where:

- Date: UTC arrival date of the payout
- Amount: Net amount of the payout (negative for withdrawals)
- Currency: Lowercase ISO code (eur, usd, etc.)
- Payout ID: The Stripe payout ID that appears in your bank reference

Requirements

- Python 3.9+
- Stripe API key (with read-only access)
- Required packages:
 - o stripe
 - o pypdf
 - o requests
 - o python-dateutil
 - o tqdm

How It Works

- 1. Lists all payouts for the specified month
- 2. For each payout, fetches all balance transactions
- 3. Extracts PDF URLs for all invoices and credit notes
- 4. Downloads and merges all PDFs into a single file
- 5. Saves with a standardized filename in current directory and ~/Downloads

Security Notes

- Uses read-only Stripe API access
- Handles potentially sensitive customer information store files securely
- No data is sent to external services beyond Stripe API