FormSmarts Prefill

Desktop app that generates pre-filled FormSmarts form URLs in bulk from a spreadsheet. It runs on macOS and Windows.

For each row of an `.xlsx` or `.csv` file, it creates a signed URL that opens the form with the row's values filled in. It then saves a copy of the spreadsheet with a `Pre-filled URL` column added.

Installing

Download the latest version from the FormSmarts website.

macOS (Apple Silicon): open the `FormSmarts-Prefill-…-macos-arm64.dmg` and drag **FormSmarts Prefill** to Applications.

Windows (64-bit): run the `FormSmarts-Prefill-…-windows-setup.exe` installer. It installs the app for your user account, with no administrator password, and adds it to the Start menu. Windows SmartScreen may show "Windows protected your PC": click **More info** → **Run anyway**. To uninstall the app, go to **Settings** → **Apps**.

Using the app

1. Enter the form's URL (e.g. `https://f8s.co/xyz`), your Account ID, and your Pre-fill Key and API Key.
2. Click **Select Spreadsheet & Set Field Options** and pick a spreadsheet. Its header row must use the same names as the form's fields.
   - Columns that don't match a field that can be pre-filled are ignored and listed in the log.
   - If the form has several fields with the same name, columns with that name are matched to them in order (1st column to the 1st field, etc.).
3. Choose which fields should be read-only on the form, then click **Generate URLs**. The result is saved next to the spreadsheet as `<name>_urls.xlsx`. Click the file name in the log to open it.

The Account ID and Pre-fill Key can be saved in the system's credential store (macOS Keychain / Windows Credential Manager). The API key is never saved.

Example

Let's pre-populate the demo form for three clients. The spreadsheet `test_spreadsheet.xlsx` has a header row with the names of the form's fields, and one row per client:

Client ID	First Name	Last Name	Email
76543	Jane	Doe	test@formsmarts.net
76544	Joe	Public	blackhole@formsmarts.net
76545	Ada	Lovelace	example@formsmarts.net

1. Enter the form's URL (here `https://f8s.co/2036`), your Account ID, and your Pre-fill Key and API Key.
2. Click **Select Spreadsheet & Set Field Options** and choose the spreadsheet. The app matches its columns to the form's fields by name.
3. Choose the fields that should be read-only: here *Client ID*, *First Name* and *Last Name*, so that clients can only change their email address.
4. Click **Generate URLs**. The app saves the spreadsheet with a *Pre-filled URL* column added, next to the original.

Client ID	First Name	Last Name	Email	Pre-filled URL
76543	Jane	Doe	test@formsmarts.net	`https://formsmarts.com/form/2036?pf_f1=76543&pf_ro1=1&pf_f2=Jane&…&pf_s=…`
76544	Joe	Public	blackhole@formsmarts.net	`https://formsmarts.com/form/2036?pf_f1=76544&pf_ro1=1&pf_f2=Joe&…&pf_s=…`
76545	Ada	Lovelace	example@formsmarts.net	`https://formsmarts.com/form/2036?pf_f1=76545&pf_ro1=1&pf_f2=Ada&…&pf_s=…`

Send each client the URL on their row, by email or in a mail merge. When Jane opens hers, the form shows her Client ID and name as read-only, and her email address, which she can change.

Running from source

Requires Python 3.14.

```
python3 -m venv .venv
.venv/bin/pip install -r requirements.txt
.venv/bin/python formsmarts_prefill_app.py
```