Self-healing URLs in Flask

Dominic Hollis (IT-CA-CTE)

Lightning Talk – Friday 7th Nov. 2025

https://jobs.smartrecruiters.com/CERN/744000069609285-theoretical-physicist-th-sp-2025-60-ld

Theoretical Physicist (TH-SP-2025-60-LD)

Geneva, Switzerland
Contract

Company Description

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. Using the world's largest and most complex scientific instruments, they study the basic constituents of matter - fundamental particles that are made to collide together at close to the speed of light. The process gives physicists clues about how particles interact, and provides insights into the fundamental laws of nature. Find out more on http://home.cern.

Job Description

Introduction

The CERN Theoretical Physics Department (CERN-TH) has launched a talent pool recruitment exercise for Limited Duration (LD) research staff positions. This pool aims at defining a list of pre-assessed and endorsed candidates that can be hired for future opportunities, determined by the needs of the organisation. We
are looking for outstanding researchers in any of the areas of theoretical particle physics traditionally covered at CERN.

The objectives of the Theoretical Physics Department are:
• Develop new theoretical ideas aimed at understanding the fundamental constituents and forces of nature.
• Develop their relevance for the experimental programme of CERN and to take full advantage of the stimulating environment of a large laboratory.
• Contribute to the general scientific culture at CERN through active participation in the various training programmes and promotion of scientific events on site.

Functions

Your main functions will include:

- Making significant contributions to theoretical research related to elementary particle physics;
- Participating in and initiating a large variety of activities within the Theoretical Physics Department and possibly in collaboration with the experimental physicists working at CERN;
- Taking part in CERN committees and study groups;
- Helping maintain continued contacts with the outside scientific community.

Qualifications

PhD or equivalent relevant experience in the field of theoretical physics or a related field.

Experience:

- Demonstrated post-doctoral research activities which have led to scientific publications in peer-reviewed journals.
- Evidence of ability to make significant contributions to the work of the Organization.

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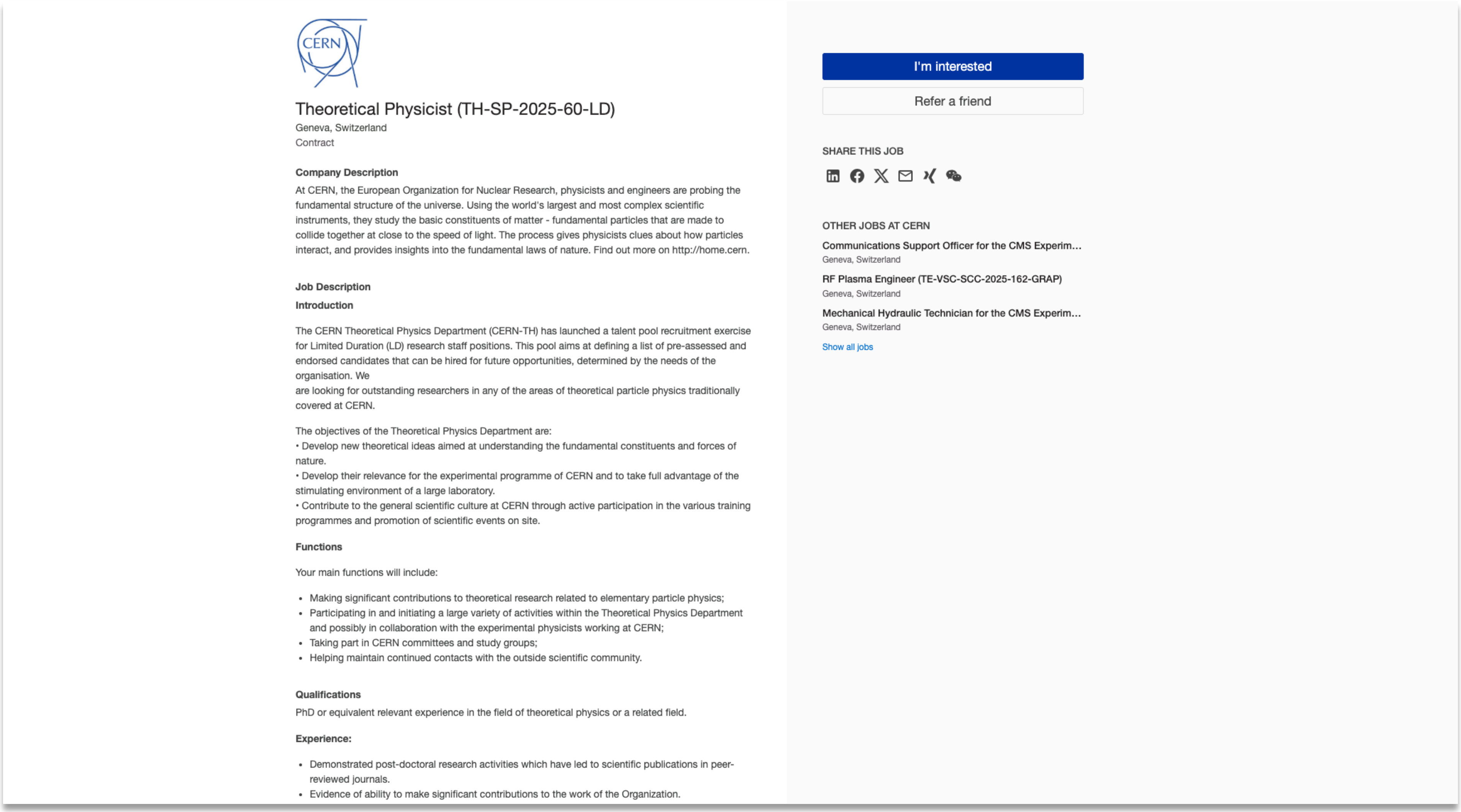

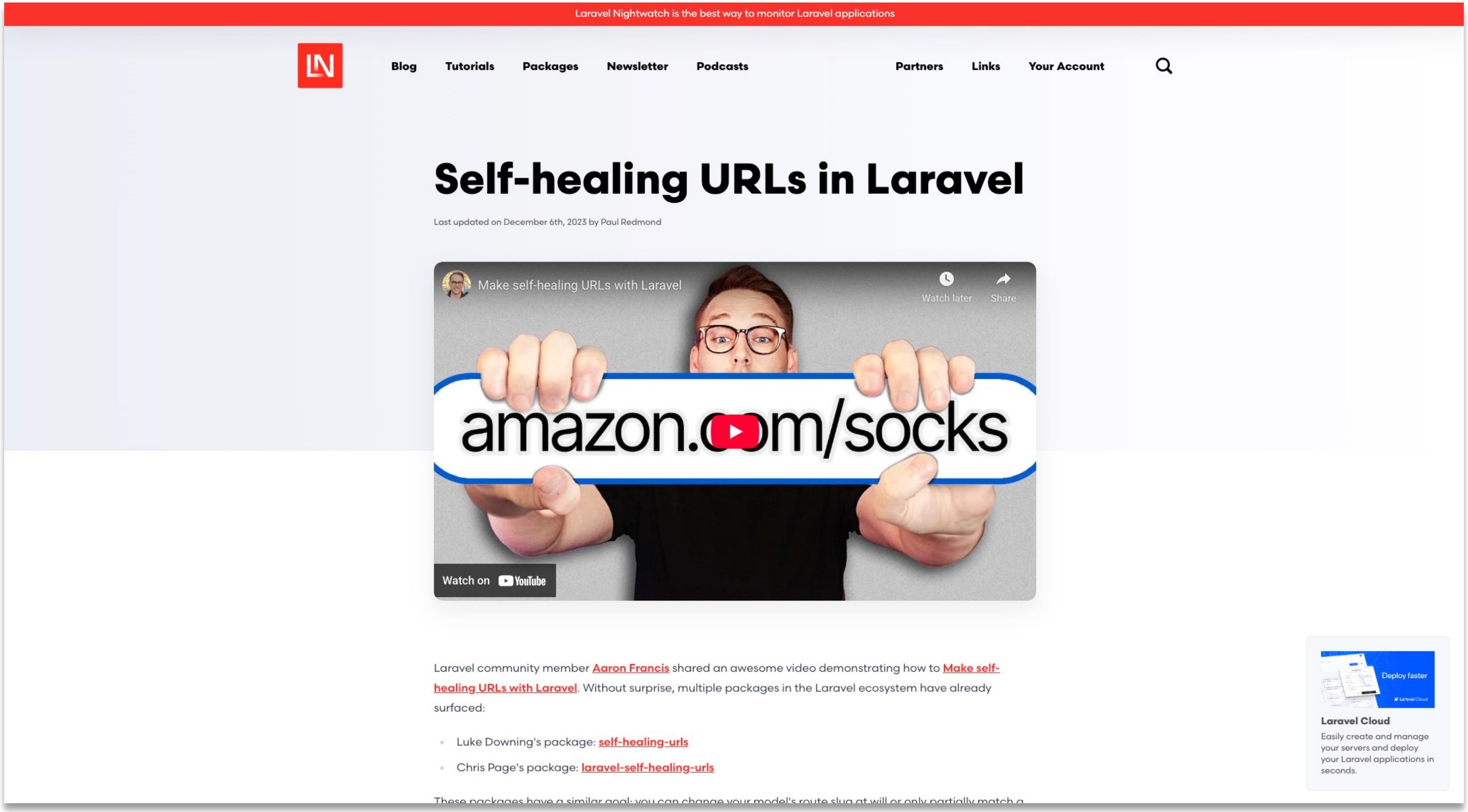

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Self-healing URLs in Laravel

Last updated on December 6th, 2023 by Paul Redmond

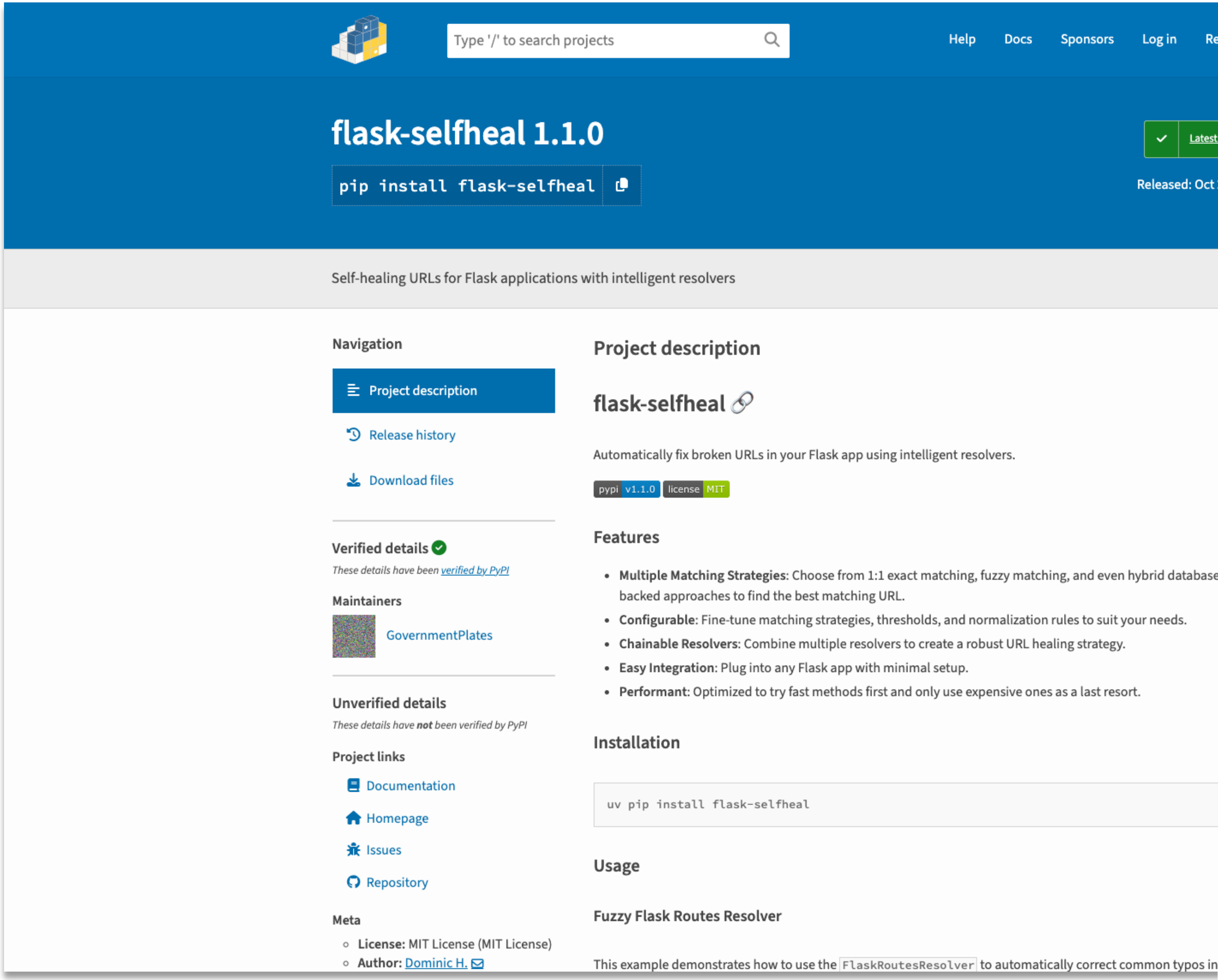
Laravel community member Aaron Francis shared an awesome video demonstrating how to Make self-healing URLs with Laravel. Without surprise, multiple packages in the Laravel ecosystem have already surfaced:

- Luke Downing's package: self-healing-urls
- Chris Page's package: laravel-self-healing-urls

These packages have a similar goal: you can change your model's route slug at will or only partially match a

Source: Laravel News (P. Redmond) – 6 December 2023

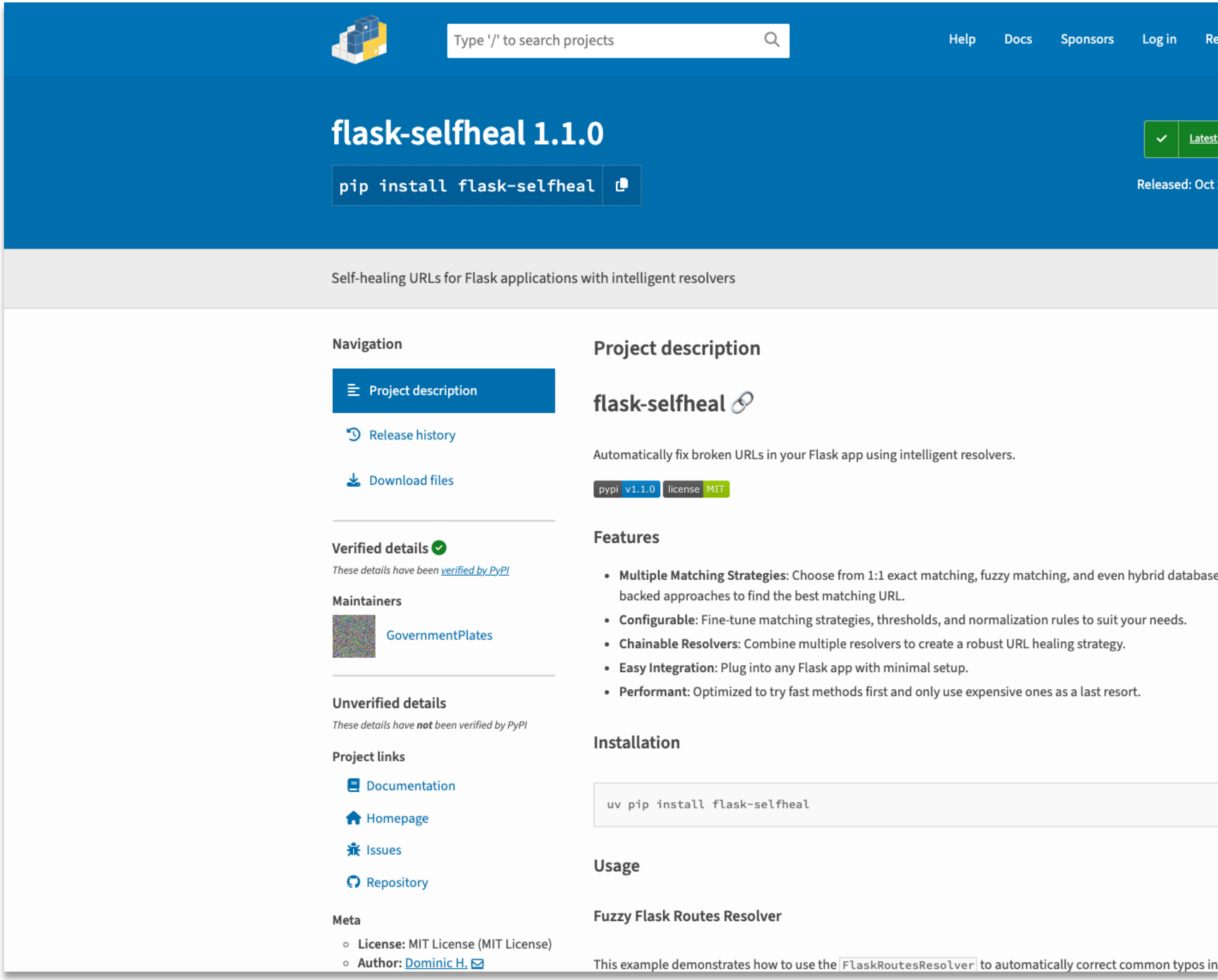
flask-selfheal



flask-selfheal

Resolvers:

- By Alias (basic 1:1 mapping)
- Fuzzy(-like) mapping & Flask Routes
- Hybrid DB-backed approaches
- Or B.Y.O.R (Bring Your Own Resolver)



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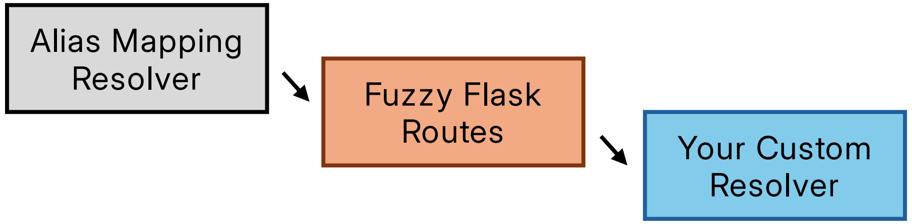
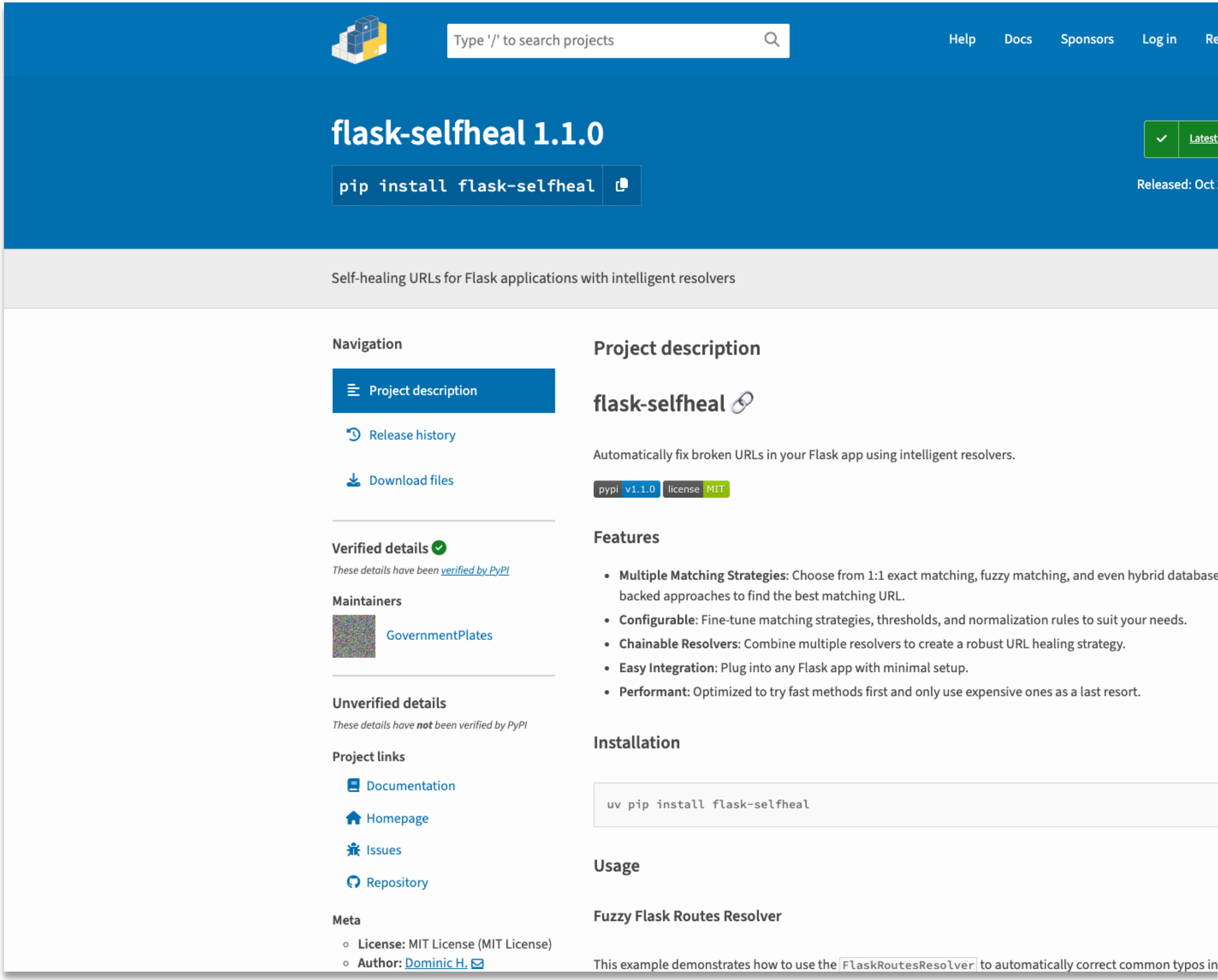
Chainable





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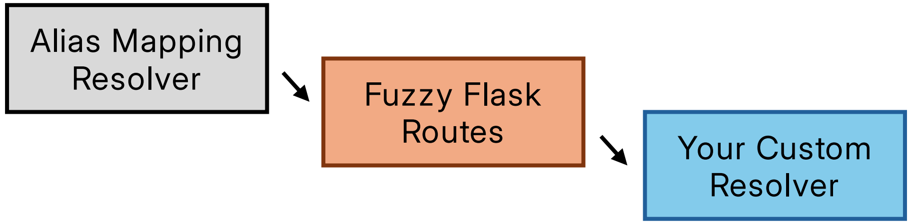
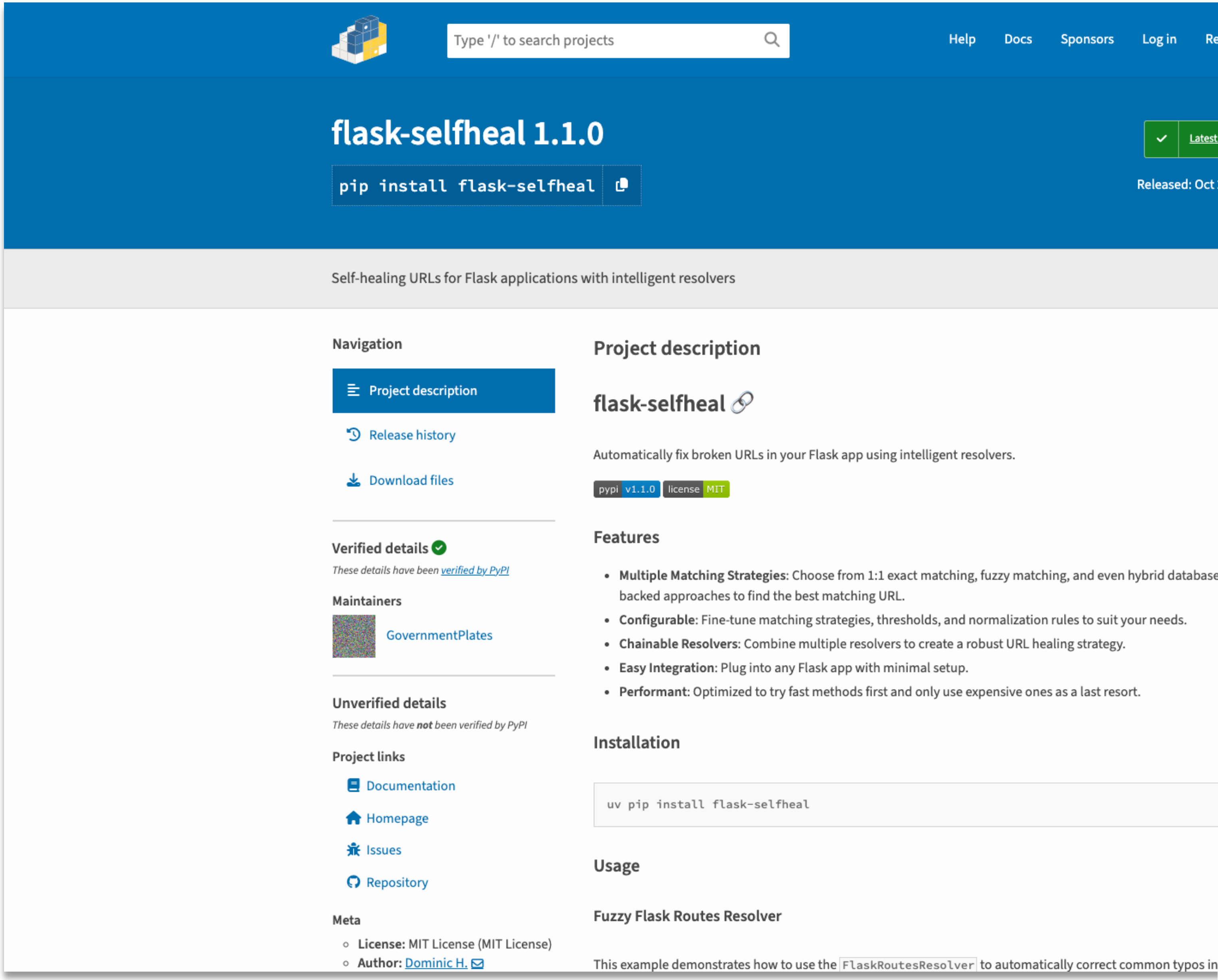


Get it now

```
$ uv pip install flask-selfheal
```



Demo

```
$ uv pip install flask-selfheal
```