

Open Payments Plugin

for shopd

Who am I?

Christiaan van Zyl (**team number 36**)

Full Stack Web Developer

<https://github.com/mozey>

E-commerce and ERP systems integration

Gopher (and also PHP, Python, TypeScript, htmx, Svelte, etc)

What is shopd?

My side project... shopd.link

*"**Hugo** compatible e-commerce plugin for the **Caddy** Web Server"*

- Mostly static e-commerce (one executable plus static site and DB files)
- RESTful Hypermedia API (HATEOAS see htmx.org)
- Hugo shortcodes are the application entry points
- Self-hostable and platform independent

What is the problem?

Payment processors don't have a standard interface for integrations

Cross-border payments require multiple integrations, each charging a fee

Long settlement times

Most processors only support a few currencies and conversions

What is the solution?

Create a shopd plugin for the Open Payments API!

What are the benefits?

Create one payment integration to access many processors

Open Payments continues the theme of empowering the user and conforming to web standards. It allows *"small merchants, to use payment initiation APIs directly against their customers' payment accounts"* and *"improves upon existing Open Banking standards as defined in the UK, EU, and other jurisdictions"*

Demo

Let's watch the demo video :)

This is my Open Payment API plugin for the Interledger Hackathon 2024 powering payment on a shopd dev site running on localhost

Usually the payment provider sends me a webhook to confirm payment after the customer interaction redirect. For this demo I'm manually running the continuation...