



Spec-driven site generation with Plone mosaic and AI.

“The customer's material becomes a
plan. The plan becomes the site.”

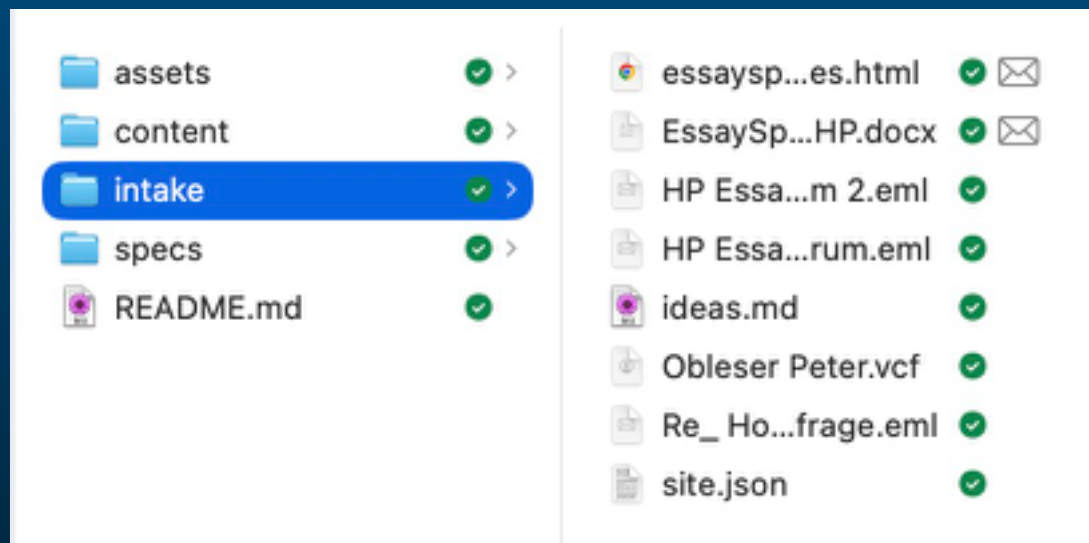
Image maybe A.I. generated

Bored by slides?
Ok, i'll start with the demo!

Why?

- Productivity - Speed up the build process of sites
- Modernizing - Pipeline for migrations of well aged Plone sites (Plone 4.3 up to 5.2)
- Personally - More time for concept, design, polishing & detail work

What a customer actually delivers



*.doc, *.md, *.html, *.eml, *. http://,
*.wav *. * - any material

Step 1 - The material becomes a written plan

- The agent reads everything and writes one document: ideas.md plus an analysis of the material → concept.md, including the intake data the distribution requires.
- Fine-tuning: I answer the open questions.
- The customer can review it — it is a readable file.
- **Nothing has touched Plone yet.**

Ideas — essayspektre

Stand: 2026-09-21 · Paket: standard

Das sind die Ideen: Prosa, wie ein
(Patterns, Container, Abweichungen
Specs. Überschriften nur, damit n
drei Sätze lang sein. Absätze mit
Kundematerial und den Entscheidu
was nicht stimmt.

About

Peter Obleser veröffentlicht über
Gesellschaft und das Ich und schre
monetarisiert, er beschickt sie s
Essays ist Rupert Yard. *(ergänzt

Ziel in einen Satz: Ein Besucher
nächsten aus derselben Kategorie.

Look & Feel

Sehr minimalistisch, angelehnt an
viel Weißraum, ruhige Typografie
Bilder, keine überflüssigen Farbe
Papier-Optik #f9f9f9 / #22242a, A
Wireframes)*

Step 2 - The plan becomes the site

- Prerequisite: the distribution's intake contract is complete.
- The plan is executed — site.json for the site, scripts for content generation.
- Built with scripts and the REST API guarded by rules: the Plone site and its configuration, content types, mosaic pages with tiles from a pattern catalog.

Step 3 - Running the site

- No AI inside Plone
- Content is maintained over the REST API — by an agent, or by hand in Mosaic.

Thank you for you attention!

-> Talk tomorrow, 14h30: "Painting Plone
Live": Runtime Bootstrap Theming for
Plone Blicca with plone.palette

www.cloud19.at

Benefits for the next project

- The agent knows how pages are built: memory, skills, and a catalogue of working tiles and sections to reuse.
- A finished page can be read back into a plan — the next project starts from it.
- Missing features are written down, and become part of the product.
- Traps become rules the next build reads.

Lessons learned

- Write down every mistake. The agent reads them before it starts.
- Let Plone say no. Roles, content types, workflow
 - Let Plone refuse what does not fit.
- Keep the tests passing - About 690 of them, and the agent may not break one.
- **The quality comes from the setup around the model, not from the model.**

Thank you for you attention!

-> Talk tomorrow, 14h30: "Painting Plone
Live": Runtime Bootstrap Theming for
Plone Blicca with plone.palette

roland. fasching@cloud19.at

www.cloud19.at