



Autonomous Drupal: The fire is in our hands

Frederik Wouters – 2026







DRUPAL DEVELOPER DAYS

ATHENS 2026

APRIL 22-25

#DrupalDevDaysAthens2026







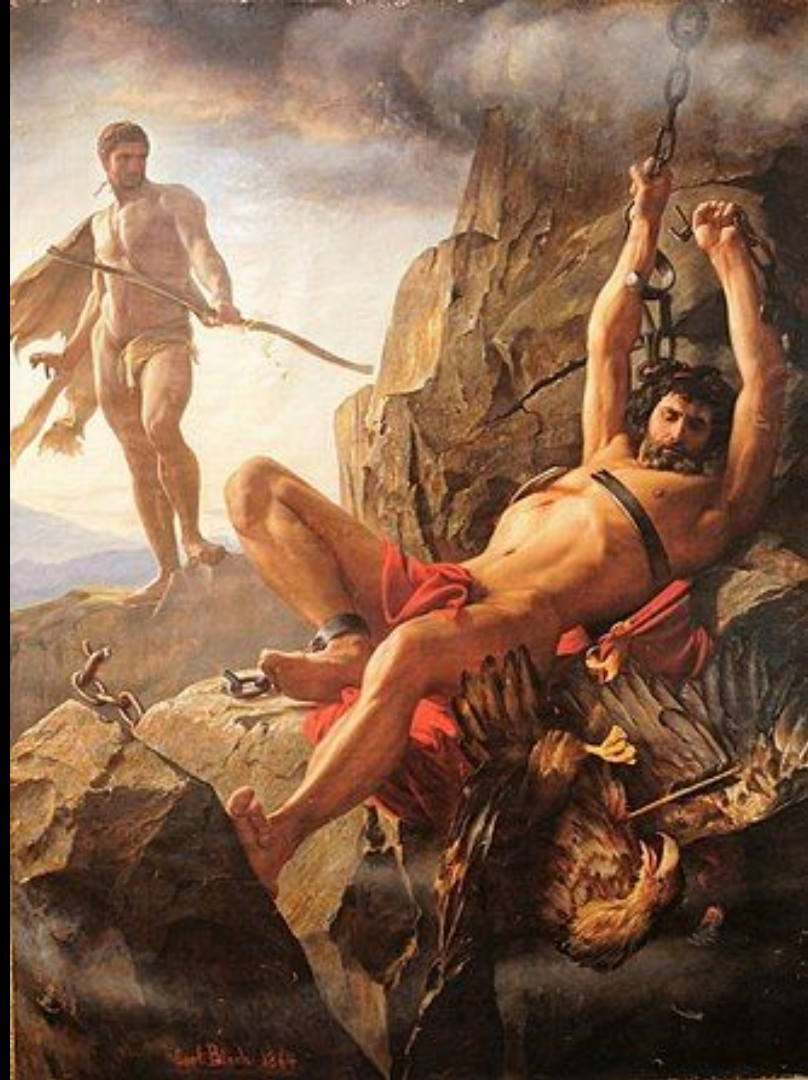














**Once upon a time,
there were only
proprietary CMS systems**







A L'ALGORITHME
MACHINE LEARNING
DATA SET
CONNECTIONS
ORIGINALE
L'ALGORITHME
L'ALGORITHME
L'ALGORITHME



HÉRAKLÈS - L'ÈRE DE L'INTELLIGENCE





Carl Bloch 1864



1800's

Electricity

Power
generation

1900's

Railways

Mass transport

2000's

Internet

Information flow

2020's

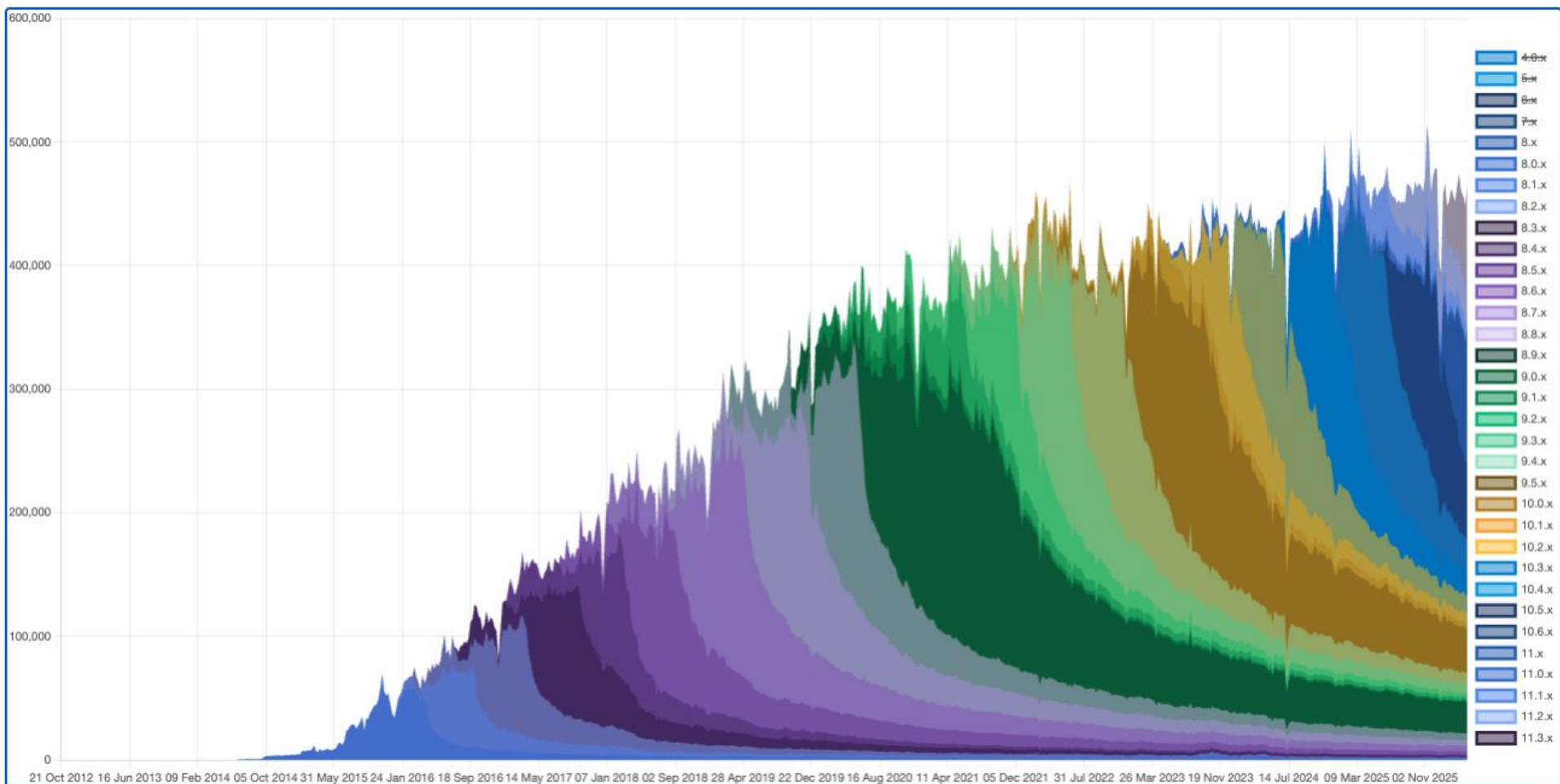
AI / LLM

Decision making

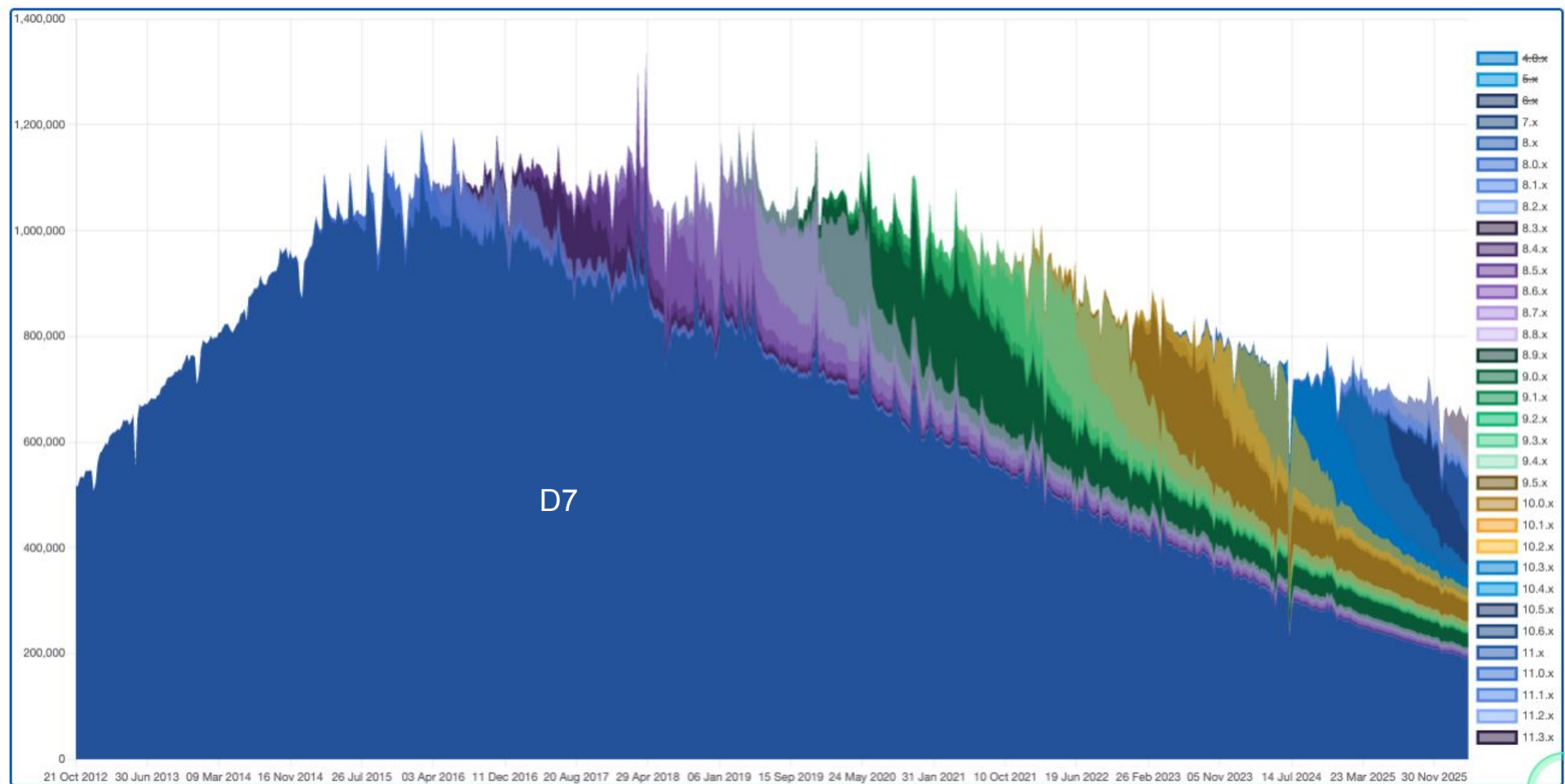




Risks along the way



21 Oct 2012 16 Jun 2013 09 Feb 2014 05 Oct 2014 31 May 2015 24 Jan 2016 18 Sep 2016 14 May 2017 07 Jan 2018 02 Sep 2018 28 Apr 2019 22 Dec 2019 16 Aug 2020 11 Apr 2021 05 Dec 2021 31 Jul 2022 26 Mar 2023 19 Nov 2023 14 Jul 2024 09 Mar 2025 02 Nov 2025



21 Oct 2012 30 Jun 2013 09 Mar 2014 16 Nov 2014 26 Jul 2015 03 Apr 2016 11 Dec 2016 20 Aug 2017 29 Apr 2018 06 Jan 2019 15 Sep 2019 24 May 2020 31 Jan 2021 10 Oct 2021 19 Jun 2022 26 Feb 2023 05 Nov 2023 14 Jul 2024 23 Mar 2025 30 Nov 2025

Drupal is in decline

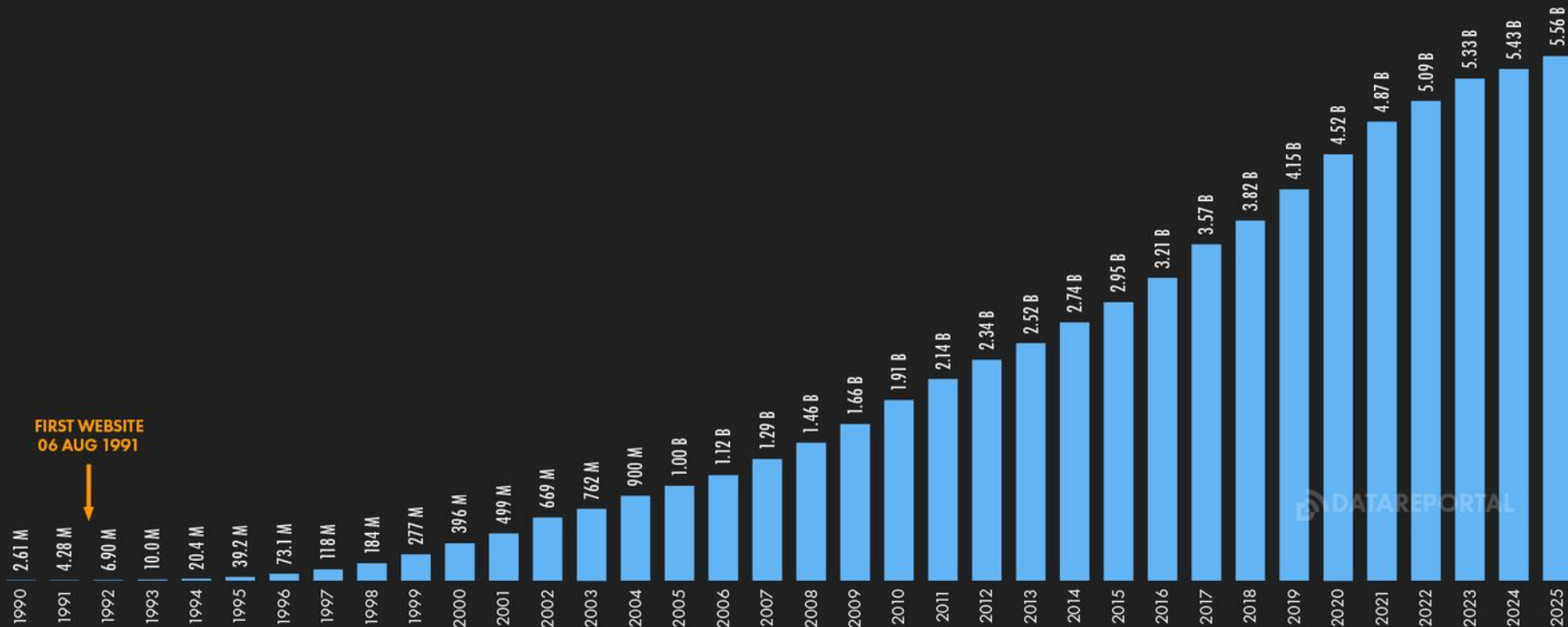
190k



installs lost in 3 yrs
- 173 per day

INTERNET USE TIMELINE

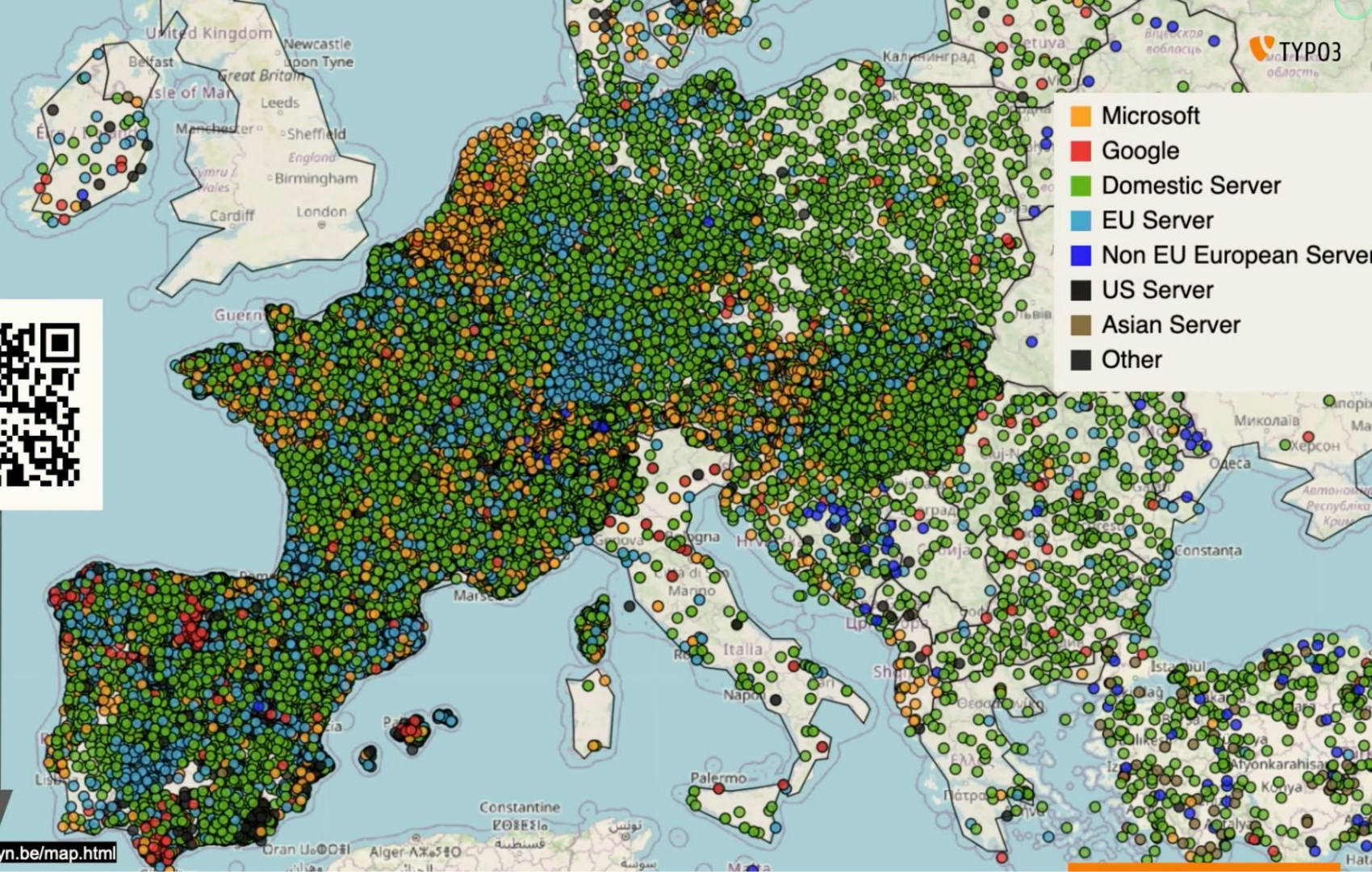
NUMBER OF INDIVIDUALS USING THE INTERNET OVER TIME

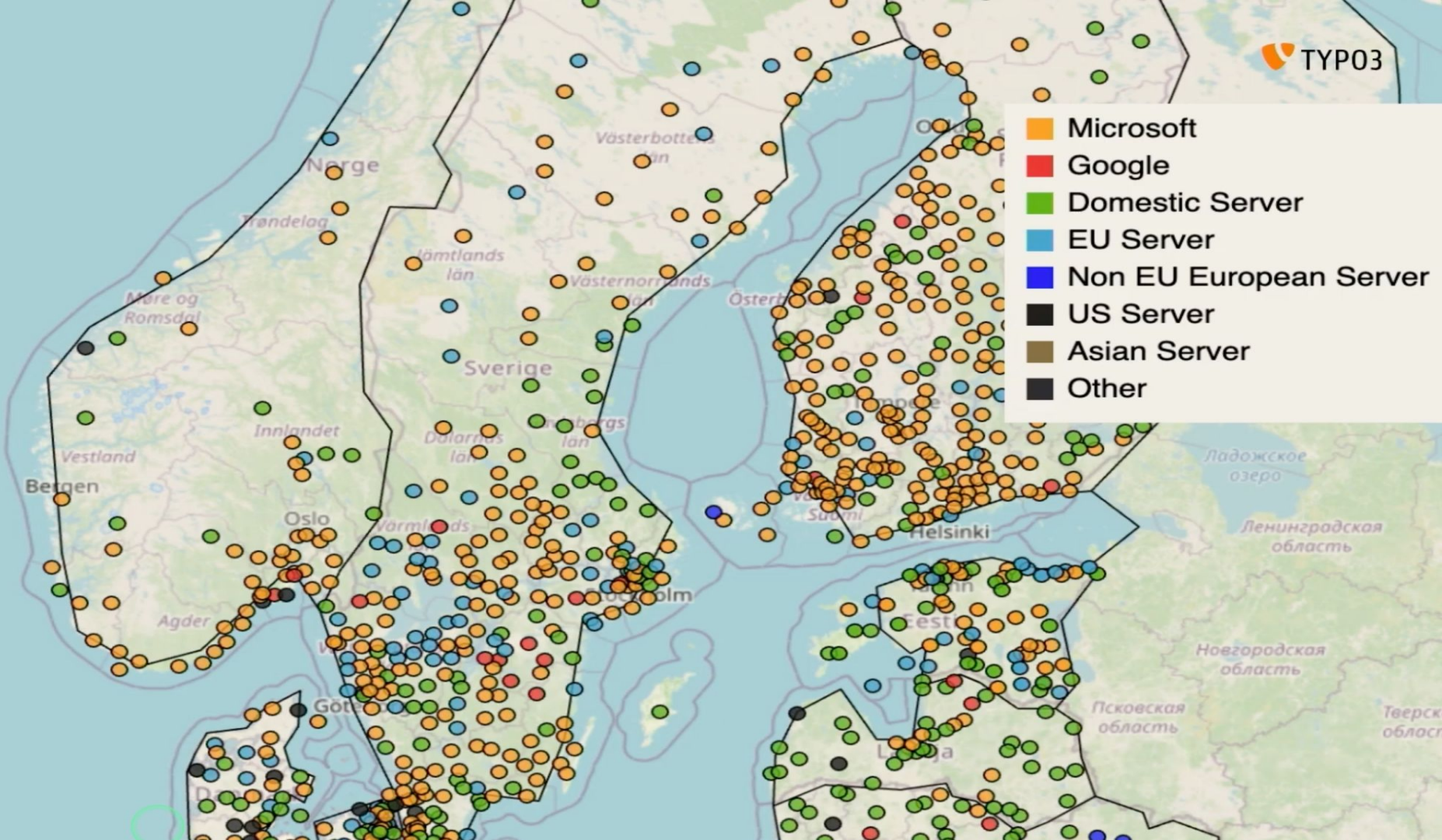


FIRST WEBSITE
06 AUG 1991

DATA REPORTAL









4 TH OF JULY
INDEPENDENCE DAY
UNITED STATES OF AMERICA





EUROPE

DAY



DIGITAL
INDEPENDENCE
DAY





AI
INDEPENDENCE
DAY

Keep the human in the loop



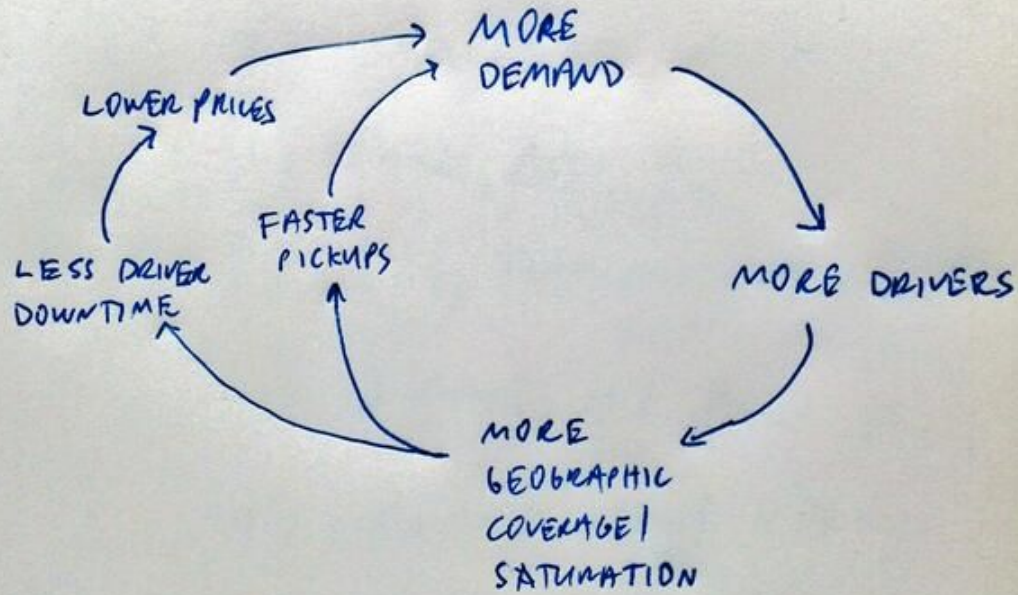
AI SLOP?

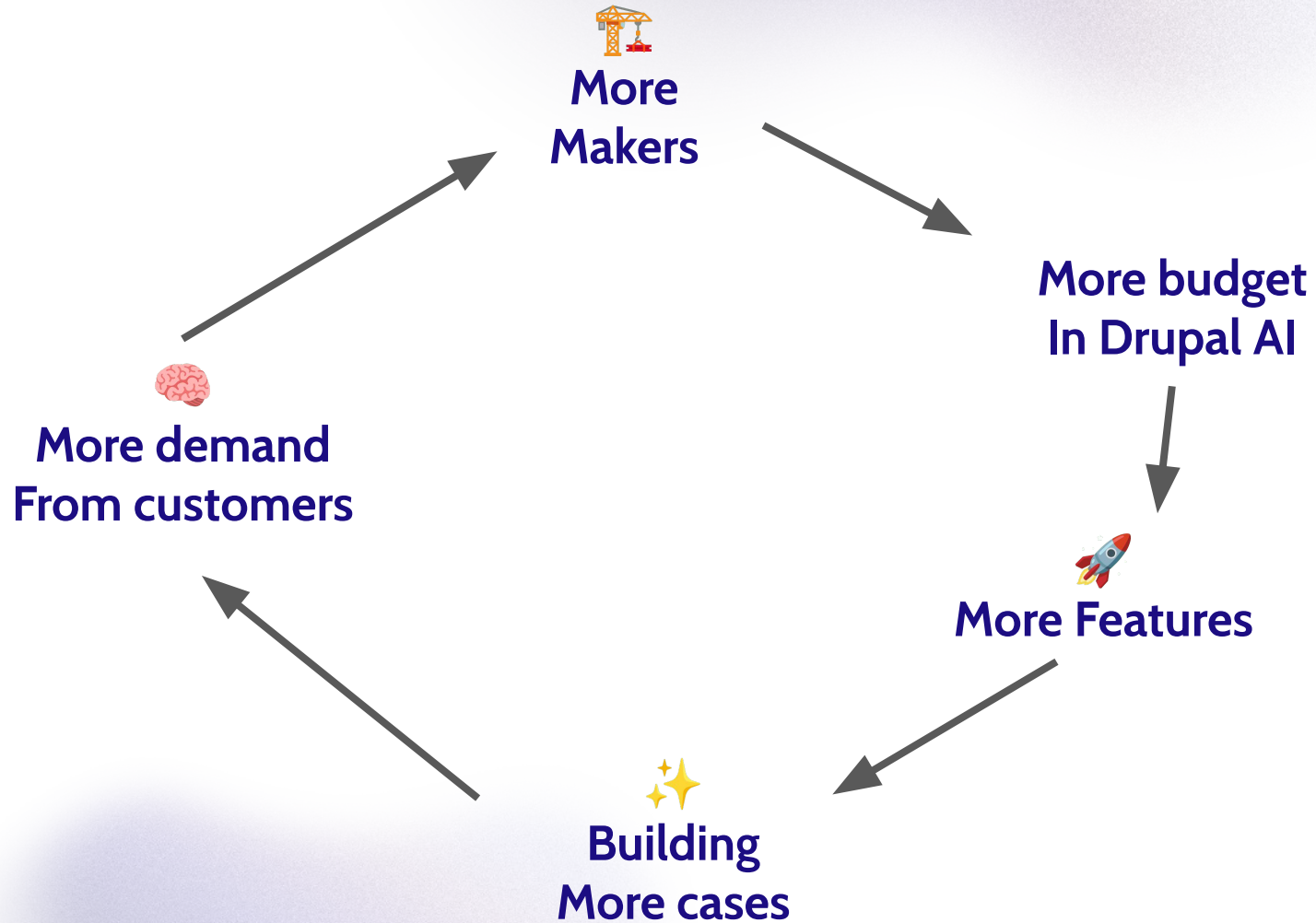


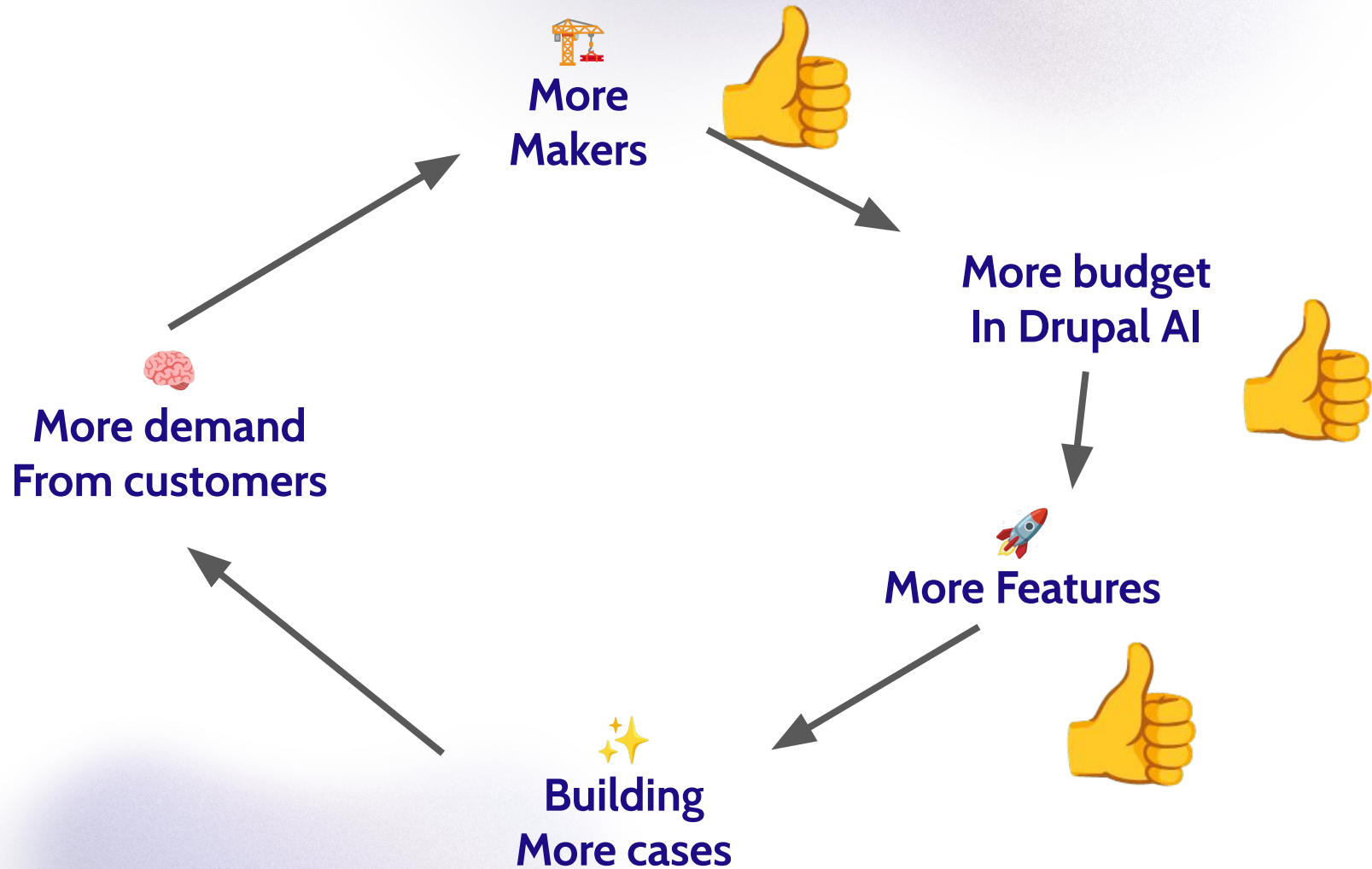
Don't commit
what you
don't
understand

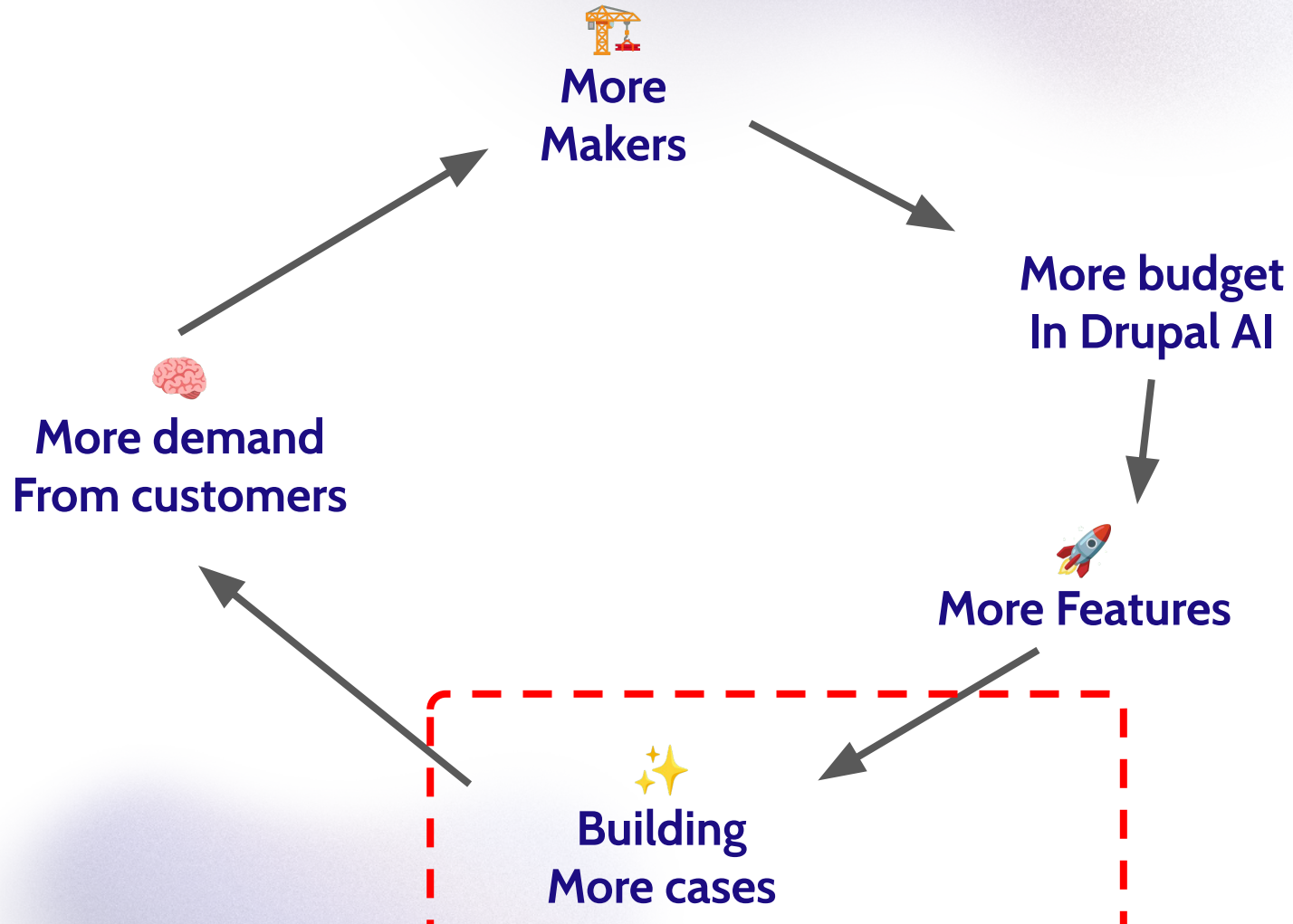
average software engineer in 2026:













DRUPAL DEV DAYS

Coming to Leuven on 15-18 April 2025

Founding members and early support



Some of the founding members of the Drupal AI initiative during our launch call on Google Hangouts.

Join us!



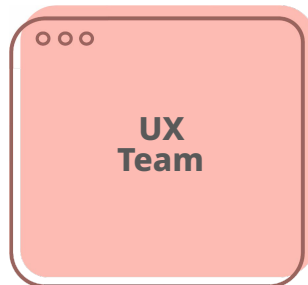
FreelyGive.io



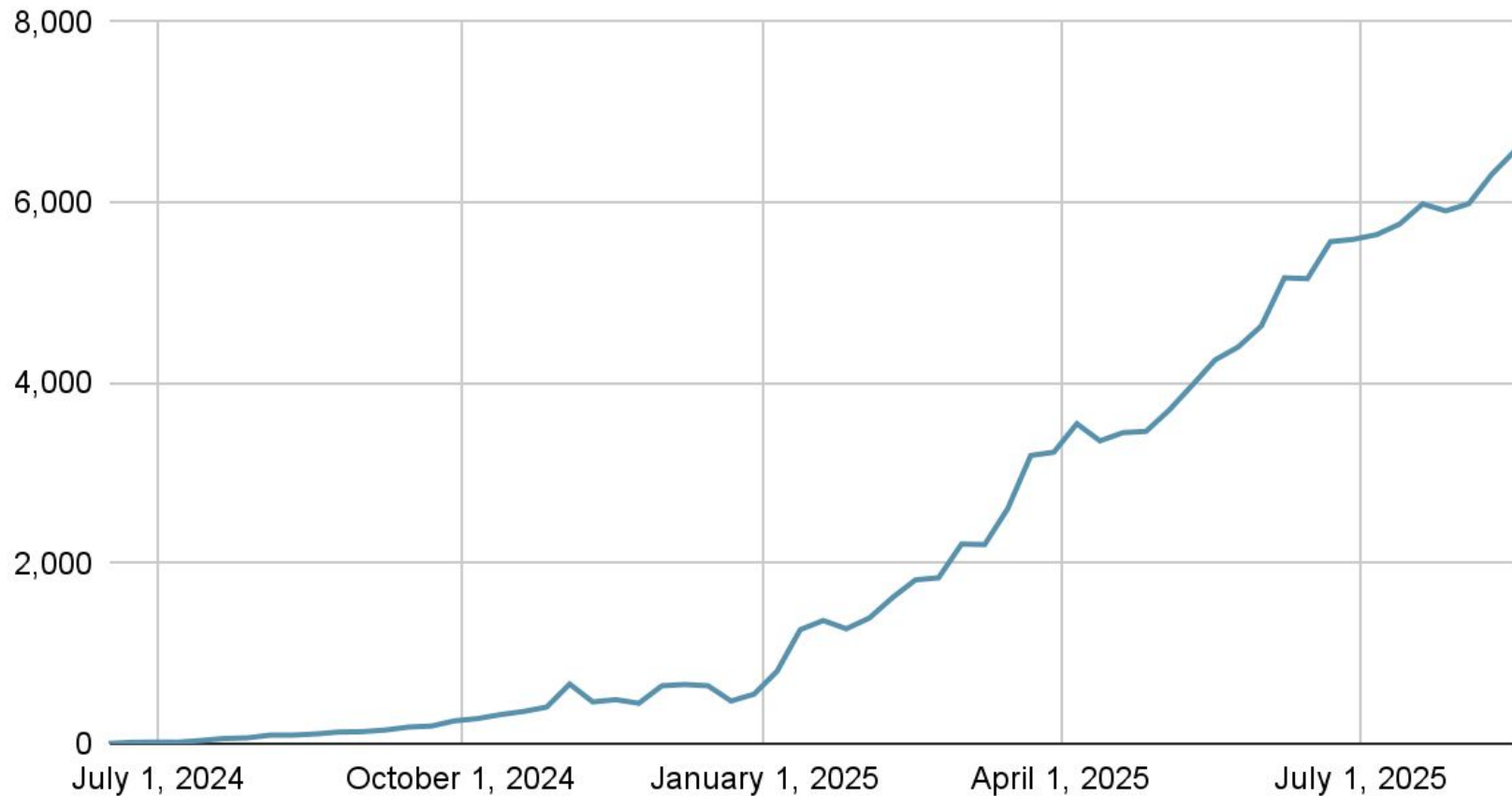
drupal.org/ai/become-a-maker

Current Stats

- **Funding:** ~\$1.4m
- **Makers:** ~~27~~ 34
- **Teams:** 10
- **FTEs:** 22.5+
- **People:** 100+



Drupal AI Installs



Drupal AI

6,572

installs

+ 259 per week



You can also help

Contribute

Best practices

Code

Marketing

Stories

Money

Telling
DRUPAL (AI) stories
is essential to our success



**Join the Makers
In the Drupal AI Initiative**

ENTERPRISE DRUPAL AI SUMMIT

Where Business Meets Innovation

Monday 28 September 2026 | Rotterdam

Register Now

Learn More

Our Call for Sessions is now open. Take the helm and guide business leaders forward.

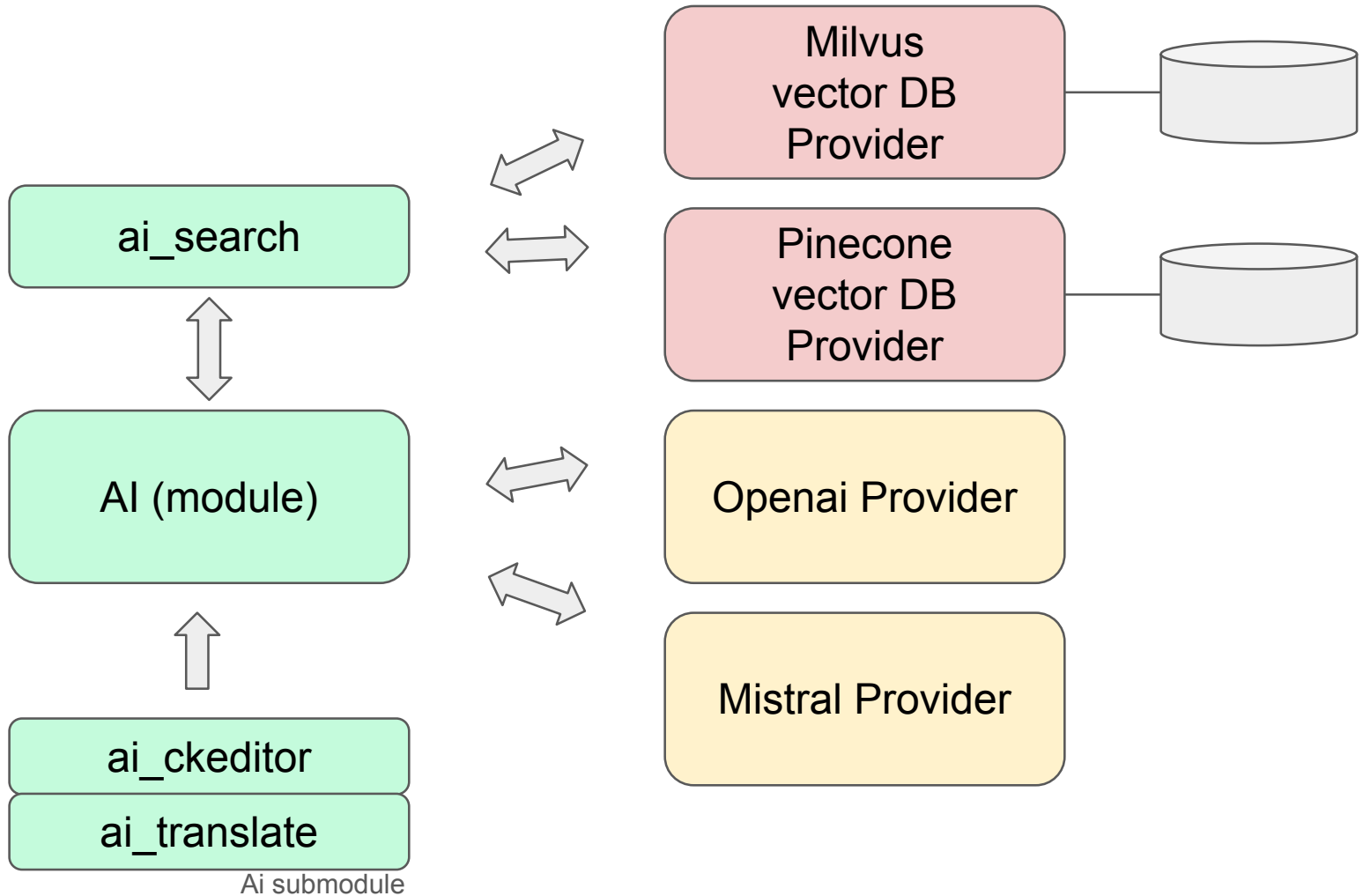
Submit your session!

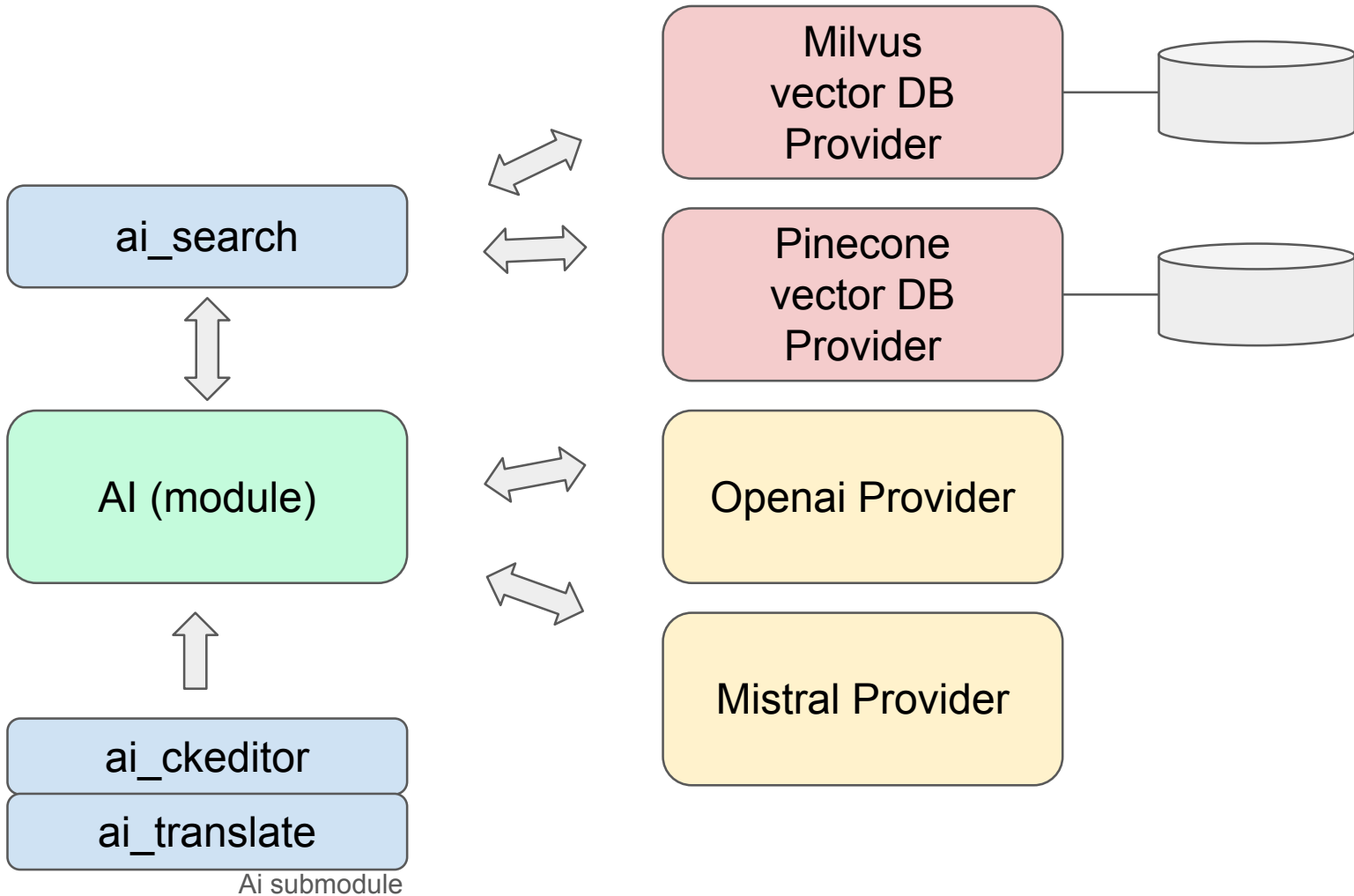
GOLD SPONSORS



Your logo here

Your logo here





Version 2.0

Almost 2000 drupal org issues
(features included)

Internals

Abstraction layer

Symfony AI's API (was later and
looks very similar)
We're doing things right
Wordpress is looking at us.

Split

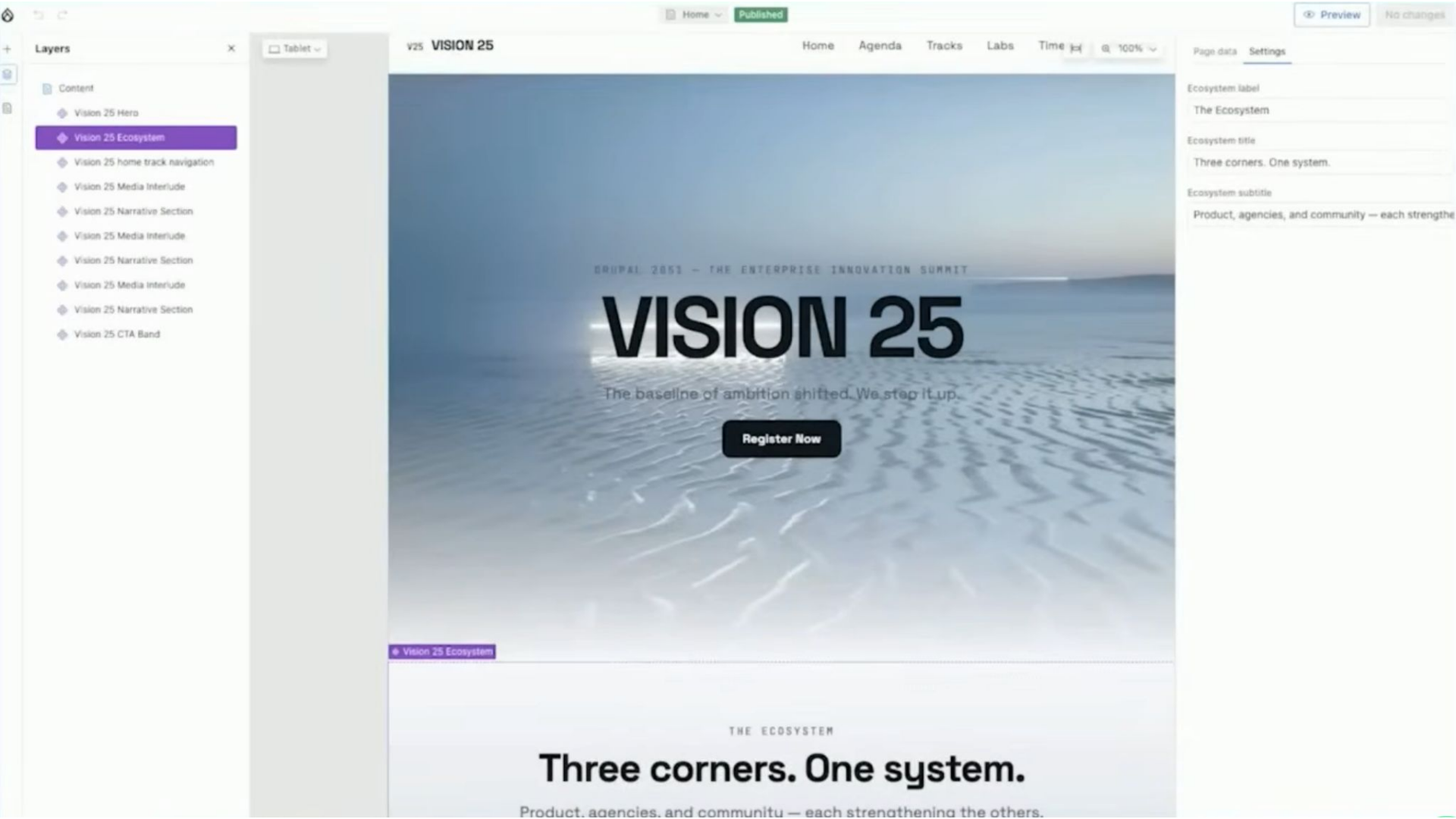
- Ai translate
- Ai search
- Ai validate
- ...



Drupal AI module 2.0

The history, where we are and the future





Layers x

Tablet

v25 VISION 25

- Content
- ◆ Vision 25 Hero
- ◆ Vision 25 Ecosystem
- ◆ Vision 25 home track navigation
- ◆ Vision 25 Media Interlude
- ◆ Vision 25 Narrative Section
- ◆ Vision 25 Media Interlude
- ◆ Vision 25 Narrative Section
- ◆ Vision 25 Media Interlude
- ◆ Vision 25 Narrative Section
- ◆ Vision 25 CTA Band

Page data Settings

Ecosystem label
The Ecosystem

Ecosystem title
Three corners. One system.

Ecosystem subtitle
Product, agencies, and community — each strengthening the others.

◆ Vision 25 Ecosystem

DRUPAL 2021 - THE ENTERPRISE INNOVATION SUMMIT

VISION 25

The baseline of ambition shifted. We step it up.

Register Now

THE ECOSYSTEM

Three corners. One system.

Product, agencies, and community — each strengthening the others.



Dropsolid Copilot

+ New Chat

Drupal AI Workspace adds a p...

OpenAI assistant model identifi...

Identifying This AI Model

Available tools and capabilities

Absurdly long rambling senten...

Identity and Capabilities Discus...

by reaching out via dropsolid.com. Community Documentation Full configuration walkthrough and developer documentation: coming soon on drupal.org. Summarise this module in one or two brief sentences.

AI Workspace adds a ChatGPT-style, full-page AI chat interface directly inside Drupal, giving each authenticated user their own private, persistent conversation threads. It works with any AI provider configured via the Drupal AI module, streams responses in real time, and is fully configurable from the Drupal admin UI.



What is in this image?

The image shows the Dropsolid company logo with the text "dropsolid" in stylized lowercase letters and the tagline "DIGITAL EXPERIENCE COMPANY" beneath it.



Send a message... Module: AI_workspace





Prompt*

Create a highly realistic composite photo of these three people having fun while eating the blue bananas. Use the office/blue-bananas photo as the environment, lighting style, and mood reference.

Describe the changes you want to make to the image. Be specific about what you want (e.g., "Make the background blue", "Add a sunset effect", "Convert to black and white").

Generate

Save

Cancel

Model*

Gemini 3 Pro (High quality, supp

Select the AI model to use for image generation.

Additional Images (Optional)

Choose Files 3 files

3 images selected:



1. man2.png

2. man1.png

3. girl.png

Upload additional images for multi-image composition. You can select multiple files at once (hold Ctrl/Cmd while clicking). Gemini 3 Pro supports up to 13 additional images.

Image Size

Default

Output image size (Gemini 3 Pro only). Higher resolution takes longer to generate.

Aspect Ratio

4:3 (Landscape)

Select the aspect ratio for the generated image. Default will maintain the original aspect ratio.

Style

- None -

Select a style to apply to the edited image. The style prompt will be added to your prompt.



Generate with NanoBanana | x Nano Banana Editor | Drupal | x

drupal.org/project/nanobanana_editor

Discover Drupal Build with Drupal Partners & Services Community Support Drupal Get Started

Drupal

Modules

Nano Banana Editor

Add Issues for Nano Banana Editor to dashboard +

View Edit Version control View history Maintainers

This project is not covered by Drupal's security advisory policy.

Features

- **Edit Existing Images:** Transform media images with AI-powered editing
- **Generate New Images:** Create images from text descriptions or image references
- **Multi-Image Composition:** Combine up to 14 images (model-dependent)
- **Model Selection:** Choose between Gemini 2.5 Flash (fast) and Gemini 3 Pro (high quality)
- **Aspect Ratio Control:** 1:1, 3:4, 4:3, 9:16, 16:9, etc.
- **High-Resolution Output:** Up to 4K resolution with Gemini 3 Pro
- **Style Presets:** Create reusable style prompts for consistent image generation
- **System Instructions:** Set global prompt behavior for all generations
- **Media Integration:** Edit/Generate buttons directly in Media forms
- **Thumbnail Previews:** Visual previews of uploaded images
- **Intuitive UI:** Sidebar layout with configuration options and live preview

Unstar 9 All Issues

Maintainers

grienauer adicc crz

Issues for Nano Banana Editor

To avoid duplicates, please search before submitting a new issue.

Search

Advanced search

All issues

Pages: 10 total



Drupal AI Agents Overview

Optimization Agents

Accessibility Advocate

Inclusivity Evaluator

SEO Optimizer

Brand Compliance Agent

Smart Content Tester

Data & Insights Agents

Conversational Search Agents

Fact Finder

Keyword Search Optimizer

Intelligent Media Discovery

Content Librarian

Creative Agents

Content Crafter

Media Variant Generator

Landing Page Builder

Visual Assistant

Content Transformer

Experience Agents

Form Designer

Hyper Personalization Engine

Structure Shaper

Navigation Curator

Sales Agents

Lead Qualifier

Lead Enhancer

ABM Accelerator

Product Recommender

Demand Driver

Governance Agents

Audit Trail Agent

Version Vault

Approval Architect

Policy Protector

Control Commander

Bring Your Own Agents



0:28 / 10:25

ivanboring Added readme f733560 · last week 30 Commits

.claude/commands	Readme and an installer wrapper	last week
modules	Readme and an installer wrapper	last week
CLAUDE.md	Readme and an installer wrapper	last week
README.md	Added readme	last week
ai_agents_collection.info.yml	Readme and an installer wrapper	last week
composer.json	Correct namespace	last week

README

AI Agents Collection

A collection of AI-powered Drupal agents that automate site building and configuration tasks using the [AI Agents](#) framework.

WARNING: This project is highly experimental. Expect frequent breaking changes to tools, agents, and APIs. This module is intended for experimentation and development purposes only. **Do only use for demoing purposes..** Proper agents and

- ai_agents_analytics
- ai_agents_automators
- ai_agents_canvas
- ai_agents_captcha
- ai_agents_content_loader
- ai_agents_content_moderation
- ai_agents_content_types
- ai_agents_display_modes
- ai_agents_eca
- ai_agents_feeds
- ai_agents_field_group
- ai_agents_field_manager
- ai_agents_field_validation
- ai_agents_image_styles
- ai_agents_jsonapi
- ai_agents_menu
- ai_agents_metatag
- ai_agents_module_manager
- ai_agents_pathauto
- ai_agents_sdc
- ai_agents_search_api
- ai_agents_search_api_facets
- ai_agents_security_review
- ai_agents_style_guide
- ai_agents_system_manager
- ai_agents_text_formats
- ai_agents_translation
- ai_agents_user_manager
- ai_agents_views




main

1 Branch 0 Tags

Go to file

Code

 ivanboring No execution agent	cc64af9 · 4 days ago	🕒 9 Commits
config/install	Orchestrator	last week
css	first commit	last week
js	Get built	4 days ago
src	No execution agent	4 days ago
tests/src/Kernel/Tool	first commit	last week
.gitignore	Get built	4 days ago
README.md	Orchestrator	last week
ai_agents_orchestrator.info.yml	Install the AI connector for tools	4 days ago
ai_agents_orchestrator.libraries.yml	first commit	last week
ai_agents_orchestrator.module	first commit	last week
ai_agents_orchestrator.permissions....	first commit	last week
ai_agents_orchestrator.routing.yml	first commit	last week
ai_agents_orchestrator.services.yml	Orchestrator	last week

About

No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

0 forks

Report repository

Releases

No releases published

Packages

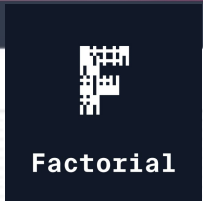
No packages published

Contributors

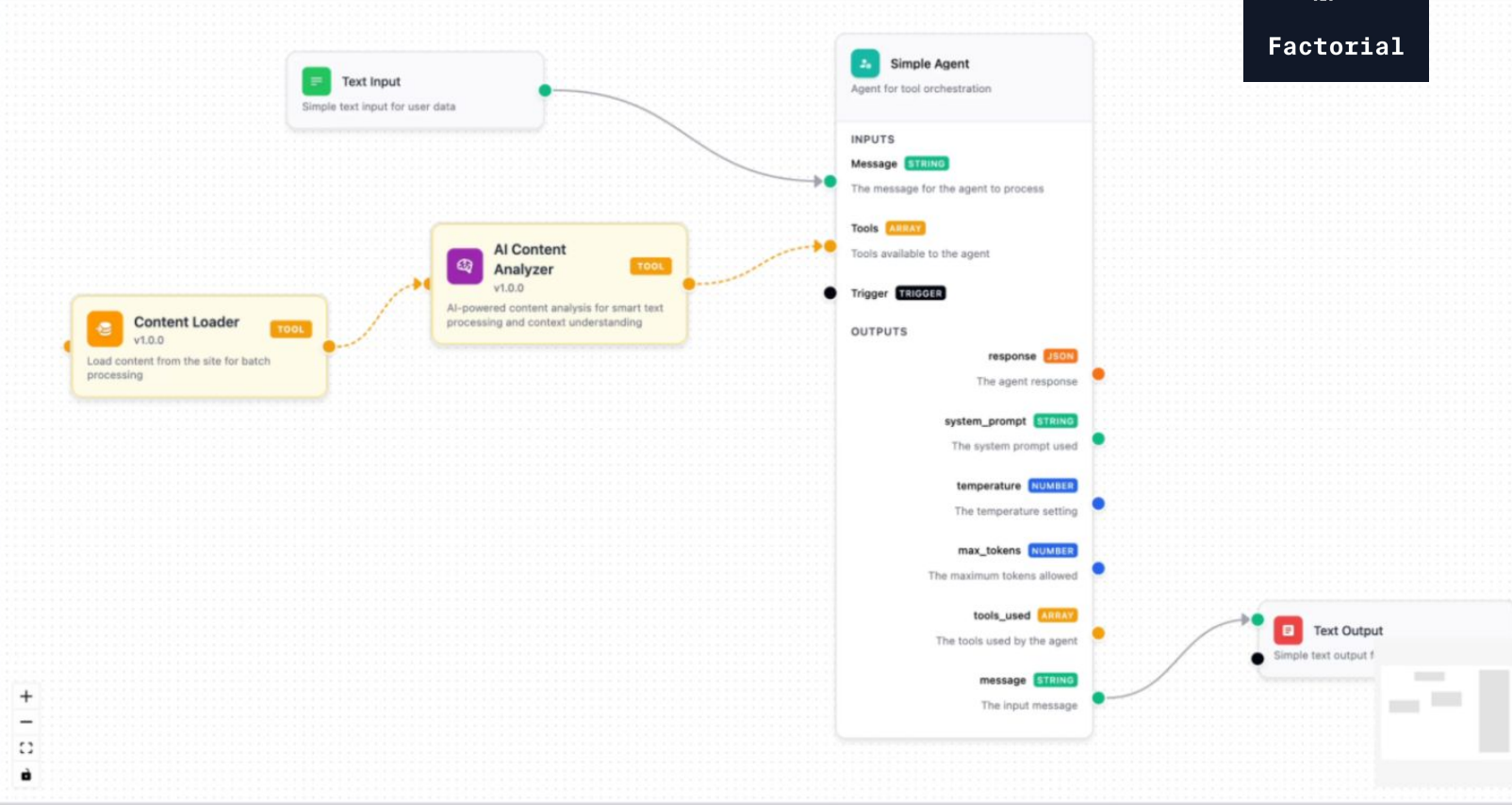
 ivanborin

Languages





- Components
- Search components... 🔍
- Agents 1
 - AI 3
 - Data 4
 - Embeddings 2
 - Inputs 5
 - Logic 1
 - Memories 1
 - Models 2
 - Outputs 2
 - Processing 9
 - Prompts 2



Search components... 🔍

- Data 10
- Helpers 6
- Human in Loop Interrupts 4
- Inputs 2
- Logic 5
- Memory 7
- Outputs 1
- Processing 8
- Prompts 1
- Tools 3



Chat Input
Chat input for playground workflows with optional conversation history

A/B
Simple boolean gateway for A/B use case

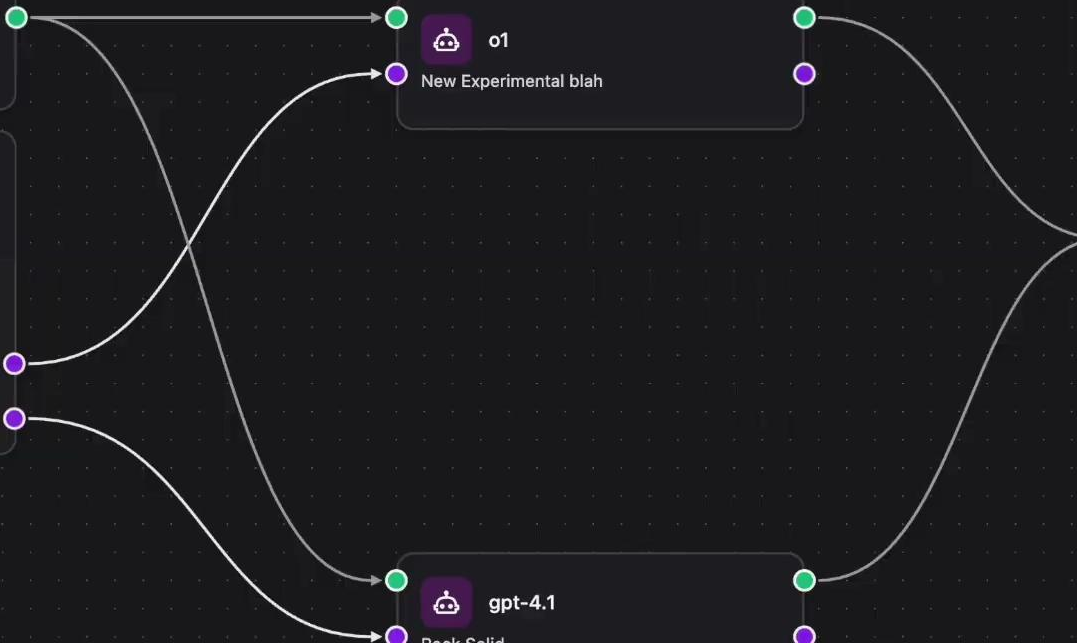
Trigger **TRIGGER**

A **TRIGGER**

B **TRIGGER**

o1
New Experimental blah

gpt-4.1
Beak Solid



Episode 1

FlowDrop

AI Assistant



📅 04.04.2025 🕒 22:00 Hrs 📍 Hamburg

👤 Shrin Das

Drupal CMS AI - No-code Visual AI Agent builder - Future of Agents

Speaker(s): James Abrahams

Experience level: Intermediate

Session track: Drupal CMS

Session Room: Room 1 (Amphitheater Pantheon)

Time Slot: Wed 15:45-16:25

Duration: 40 min

Building AI Agents in Drupal has never been easier! FlowDrop UI for Agents allows you easily create and edit Drupal CMS AI Agents with no code and use AI to help you!

Come and see what we have right now and how the move to Symfony AI will bring this to the next level!

Dreaming bigger

Drupal Flywheel

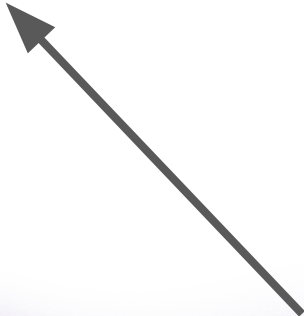
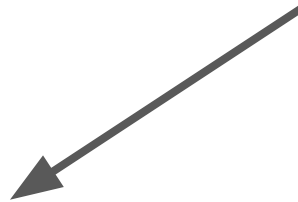
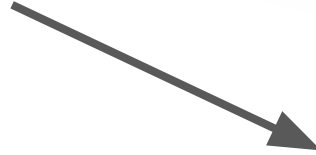
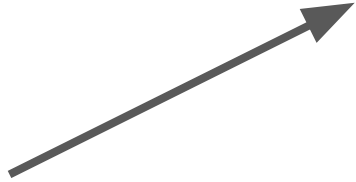
New users ✨ ✨ ✨
(Easy migrate to Drupal)



Reach more people
More eyes on us

Keep them ✨ ✨ ✨
(Easy Editor Experience) 

**Easy to
Tell more stories** 



New users ✨
(Easy migrate to Drupal)



Reach more people
More eyes on us

Make things EASY

Keep them ✨
(Easier Editor Experience)



Easy to
Tell more stories



DROPSOLID PLATFORM

Drupal CMS

Content Management

Mautic

Marketing Automation

Apache Unomi

Customer Data Platform

Web & Documents

Research & Browsing



Telegram

Instant notifications

Email

Reports & results

Smartphone

On-the-go alerts

Browser

Live links & previews

YOUR DXP PLATFORM

REACHES YOU



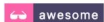
Predictions for the future



Radically different
Coder experience



Awesome Drupal AI



A curated list of AI tools, skills, plugins, modules, and resources for Drupal development and site building.

65+ modules · 15+ skill repos · 18+ DDEV plugins · 15+ MCP servers · 80+ skills

Contents

- [The Starter Pack](#) - Recommended defaults to get started fast.
- [Agent Skills & Repos](#) - SKILL.md repos for AI coding tools.
- [DDEV Plugins](#) - AI addons for DDEV local development.
- [MCP Servers](#) - Model Context Protocol servers for Drupal.
- [Drupal.org AI Modules](#) - Contributed modules on drupal.org.
- [IDE & Editor Configurations](#) - Cursor, Copilot, Kiro, CLAUDE.md configs.
- [CLI Tools & Frameworks](#) - Command-line tools and PHP AI frameworks.
- [Drupal Recipes for AI](#) - One-step AI setup via Drupal Recipes.
- [Community Resources](#) - Events, podcasts, training, blogs, key people.
- [Specifications & Standards](#) - agentskills.io, AGENTS.md, llms.txt.
- [Cross-CMS Patterns](#) - How Laravel, Shopware, WordPress compare.

Releases

No releases published


Packages

No packages published

Contributors 3

 **AJV009** Alphons Jaimon

 **bguidolim** Bruno Guidolim

 **github-actions[bot]**



AI Best Practices for Drupal

View Version control

This project is not covered by Drupal's [security advisory policy](#).

This project attempts to provide a CANONICAL place to put opinionated Drupal best practice guidance for AI agents (and their humans!).

What is the scope?

This project should contain universal guidance that applies across Drupal projects (both core and contrib)

Think of this as [Context Control Center \(CCC\)](#), but for Drupal! :)

Who is this for? / What guidance goes in here?

- Contributors
- Drupal developers
- Site builders
- ...

★ 21



Maintainers



webchick



kristen pol



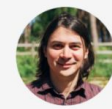
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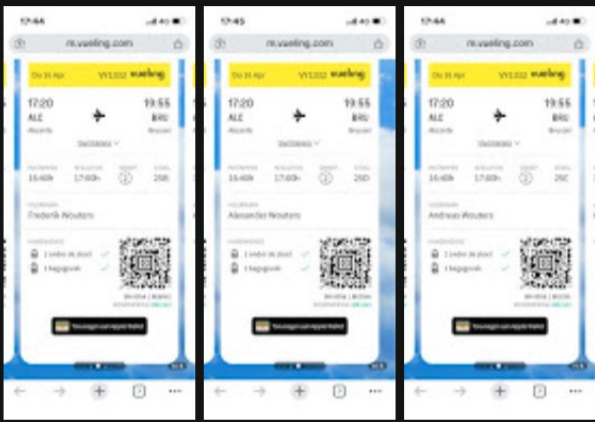
+ See more

Radically different
user - interface
- expectations

Make an album of my pictures in Spain this week



Gisteren Torre de la Horadada, Spain



Radically improved
efficiency / mobility



Bruce
bot



/start 20:45 ✓✓



20:45

Hey Fred! Bruce here. What do you need? 20:46

Well this keynote is almost finished. Can you publish the blogpost? 20:46 ✓✓



Write a message...



From self Improving CMS

Brand voice & tone	2025-02-27 by Max Musterman	68%	Medium	Updating
Legal Compliance	2025-02-27 by Max Musterman	30%	High	Update
SEO + GEO/AIO Optimization				Review
WCAG Accessibility				Review
Factual Accuracy / Citation Requirements	2025-02-27 by Max Musterman	30%	High	Update
Inclusive Language	2025-02-27 by Max Musterman	68%	Medium	Update
Sensitivity & Controversy Flags	2025-02-27 by Max Musterman	100%	Low	Update
Internal Linking	2025-02-27 by Max Musterman	100%	Low	Update
Reading Level & Clarity				Review

▼ **Brand voice & tone**

2025-02-27 by Max Musterman

68%

Medium

⚙️ Updating

^ **Legal Compliance**

2025-02-27 by Max Musterman

30%

High

↻ Update

Lorem ipsum dolor sit amet consectetur. Urna ipsum augue fermentum tempor. Maecenas turpis ullamcorper massa risus justo tellus ornare. Eu lectus sapien ante donec tortor convallis in nulla. Egestas malesuada habitant odio et morbi vitae viverra quam. Felis et viverra et felis proin adipiscing. Eget purus viverra justo commodo orci auctor. Elit risus velit non quis tortor convallis enim. Diam sed tincidunt mus in at fringilla. Et tellus cursus sapien posuere rhoncus purus neque sed eget. Dictum ornare vel aliquet aliquam rhoncus porta. At nulla tempus elit ante feugiat eu volutpat. Nulla nisl neque velit lectus. Netus ornare nunc malesuada pellentesque tortor.


 **Recommendation**

Lorem ipsum dolor sit amet consectetur. Urna ipsum augue fermentum tempor. Maecenas turpis ullamcorper massa risus justo tellus ornare. Eu lectus sapien ante donec tortor convallis in nulla. Egestas malesuada habitant odio et morbi vitae viverra quam. Felis et viverra et felis proin adipiscing. Eget purus viverra justo commodo orci auctor. Elit risus velit non quis tortor convallis enim. Diam sed tincidunt mus in at fringilla. Et tellus cursus sapien posuere rhoncus purus neque sed eget.

Urna sit auctor a et vel pulvinar in condimentum ornare. Volutpat semper molestie vel bibendum. Porttitor sem eros proin aliquet elit est sed etiam rhoncus. Dolor nec lacus tincidunt morbi etiam duis rhoncus. Pulvinar aliquet etiam mauris eget sed lorem ultricies. Etiam cras massa pharetra nisl sapien risus. Semper sed velit purus sem lacus venenatis. Consequat risus dui volutpat ultrices vestibulum mauris vitae.

Apply recommendation

▼ **SEO + GEO/AIO Optimization**

 Review

**To
Autonomous
Content/Context
Framework**

***Read the legislation around the EU Cyber resilience act,
summarise that.***

***Then propose a draft that relates to our target
audience.***

***Have it validated by our DPO and published by the
editor.***

Read all the legislation around the EU Cyber resilience act and propose a draft that relates to our target audience.

Analyzing request...

Understanding task:

- Topic: EU Cyber Resilience Act (CRA)
- Goal: Draft a tailored summary and proposal
- Audience: Security-conscious EU-based digital product vendors (SMEs)

Step 1: Extracting key obligations from the EU Cyber Resilience Act

- Scope of products covered (hardware, software, connected devices)
- Baseline cybersecurity requirements (by design & by default)
- Vulnerability handling & security updates (timeframes, processes)
- Documentation & technical file requirements

The Drupal inflection point

Drupal Flywheel

New users ✨
(Easy migrate to Drupal)

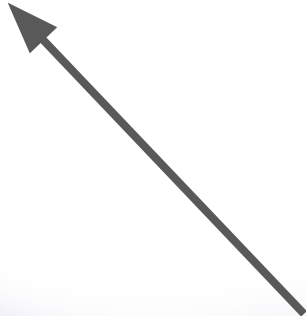
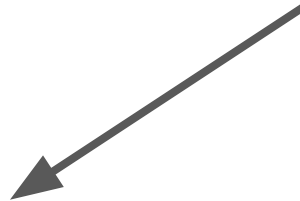
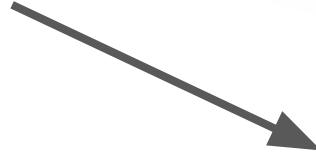
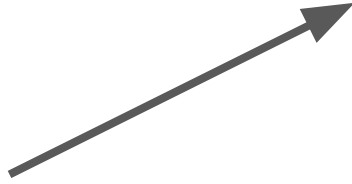


Reach more people
More eyes on us

Keep them ✨
(Easy editor experience)



Tell more Drupal stories



Drupal AI Marketing

Join the team

Weekly meetings Monday 4pm GMT
22+ makers = opportunity to scale FTW



<https://forms.gle/Bs9CnZZw48JHe21G7>

AI Initiative Marketing Team data capture

Please provide your details to make the AI Marketing Team aware you exist. We will use this information to let you know about meetings, opportunities to contribute, events you might wish to collaborate with etc.

* Indicates required question

Name
Your answer _____

Email address *
Your answer _____

Add me to the weekly meeting Monday 17:00 GMT *
 Yes

**Introduce
yourself / team**



*Fast enough
to win the race*

*as a team,
successful together*









drop solid

dropsolid

12 years in
business



Constant
re-investing



Product &
services



€ 9M
2024 revenue



Building partnerships in
3 continents



EU based
team of 85



5M Invested in the DXP



Government



Organisations



Enterprise

