

Drupal

The best CMS for your agents to use!

The AI Initiative using Drupal CMS and AI Agents to help you build the Drupal sites you have always wanted in a speed like no other!

PROFILE



FreelyGive

James Abrahams

経歴: (career)

I'm the cofounder of a tech agency, FreelyGive, focusing on native Drupal CRM and business applications. I'm obsessed with all things AI and Drupal and that has lead me to becoming a maintainer of the AI module, a lead on the AI Initiative and head of Innovation. However, whilst technical, I'm not a programmer.

Outside of AI obsessions, I'm an avid gamer and somewhat recent parent.

趣味: Avid gamer
(hobby)

座右の銘: Obsessed with AI!
(personal moto)

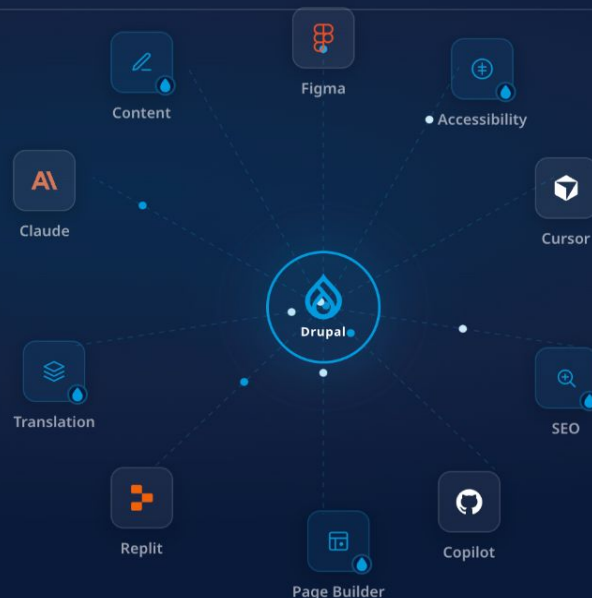


Jamie - LinkedIn

DRUPAL CMS

The best CMS for agents to use.

Two decades of structured content, API-first architecture, and granular governance — exactly the foundation AI agents need. 22 ship out of the box. Any MCP-compatible agent can connect.

[Download for Mac](#)
[Or use the terminal ↓](#)


TRUSTED BY
THE WORLD'S
MOST
AMBITIOUS
ORGANIZATIONS




Harvard

The Economist

J&J



Charles Schwab

AMNESTY INTERNATIONAL

1,000,000+

Community members

60,000+

Modules, themes & distributions

25 years

Of continuous innovation

47,000+

Core commits



What will we cover?

ooo

Time to Value!

ooo

Delivery
(AI Best
Practises)

ooo

Governance -
Automation

AI Module

AI (Artificial Intelligence)

View Version control

The Drupal AI module provides a framework for easily integrating Artificial Intelligence on any Drupal site using any kind of AI (from multiple vendors). The AI module aims to provide a suite of modules and an API foundation for generating text content, images, content analysis and more.



We're combining the best features and approaches from AI Interpolator, OpenAI, Search API AI and other modules in a unified framework and solution for AI in Drupal no matter what major model or service you choose to use. At its heart is an abstraction layer that enables integrations with third party AI providers such as OpenAI (ChatGPT, DALL-E), Anthropic (Claude), Fireworks, Mistral and more. However through its Olama, LMStudio and Huggingface integrations you can even use opensource models on servers you host and control.

The AI module has a focus on foundational tools so you can use it out of the box or build your own path to bespoke AI integrations.

<https://www.drupal.org/project/ai>

Maintainers



marcus_joh
ansson



kevinquillen



yautja_ceta
nu



scott_euser



seogow



valthebald



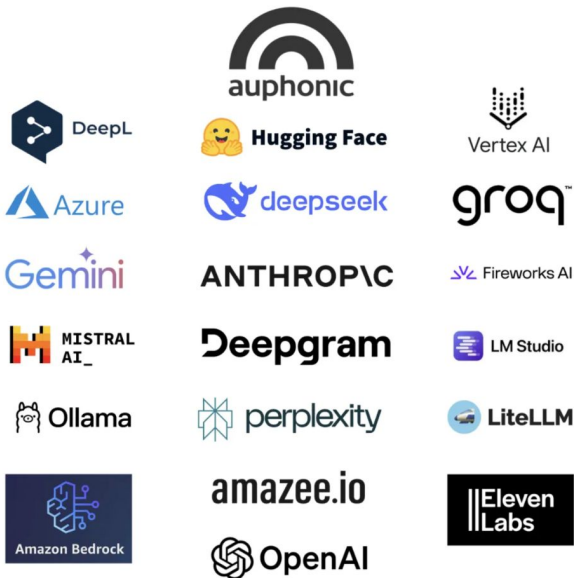
wouters_f



gxleano



kristen pol



Integrates with 22 AI Providers

Drupal AI already includes comprehensive out-of-the-box support for leading AI providers such as OpenAI, Anthropic, AWS Bedrock, Azure, Google Gemini, Google Vertex, and Hugging Face.

This means you can instantly integrate your chosen AI services into your Drupal platform without the need for custom development.

Whether you are exploring AI for content generation, search, translation, or analytics, Drupal AI's native modules provide a straightforward path to incorporating these powerful technologies into your site.

[Explore the full list of providers](#)

Core
AI Module



CMS Agent create a new Content type

← Back to site | Administration

Dashboard

Recent content

Google Play's Security: 2.36 Million Apps Blocked For Violations In 2024	3 Feb 2025 15:31
Planetary parade February 2025: When, where and how to see it	3 Feb 2025 15:30
Privacy policy	3 Feb 2025 14:18
Home	3 Feb 2025 14:18

☰ Drupal Agent Chatbot

 can you add a new content type called blog post, where you have 3 separate fields for content purposes

 Certainly! I can create a new content type called "Blog Post" with three separate fields for you. Here's what I'll do:

1. **Create a new content type** called "Blog Post".

2. **Add three fields** for different content purposes:

- A **Title** field which is automatically included.
- A **Body** field for the main content.
- An **Image** field for adding a featured image.
- A **Tags** field for categorizing the blog post.

Would you like me to proceed with creating this content type for you?

8



Open limitless possibilities with Drupal AI

Where intelligent systems and human expertise collaborate to deliver exceptional digital experiences.

[Read the Drupal AI Strategy →](#)



<https://new.drupal.org/ai>



Ready to lead with AI? Start with Drupal today.



AI-human collaboration

Put advanced AI to work while always staying in command. Review, approve AI-driven changes to keep your digital experiences aligned with your goals.



Trustworthy Governance

Leverage AI whilst meeting even the strictest data sovereignty and regulatory requirements.



Open Source Flexibility

Built with flexibility and control in mind, aligned with Drupal's Open Source values. Choose your AI model, you decide where and how it runs.



Community Innovation

The Drupal community has the scale and momentum to advance AI capabilities faster than proprietary systems can match.

AI Initiative

**AI Initiative
had to grow to
capture this!**

**Went from
5 founding
companies
to almost 40**

**Recently
1.2 branch had
1000 commits
130 authors**

**Downloads
accelerating
17,680 - 500
a week**



AI Initiative



FreelyGive.io



amazee.io



ZOOCHA



QED42

imageX

elevated
third



drunomics

PTASY



T/AG1

zivtech

<epam>



FreelyGive.

drupal.org/ai/become-a-maker



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



Agentic Coding

Vibe Coding has Taken Off

Mid-December saw a surge in vibe coding adoption.

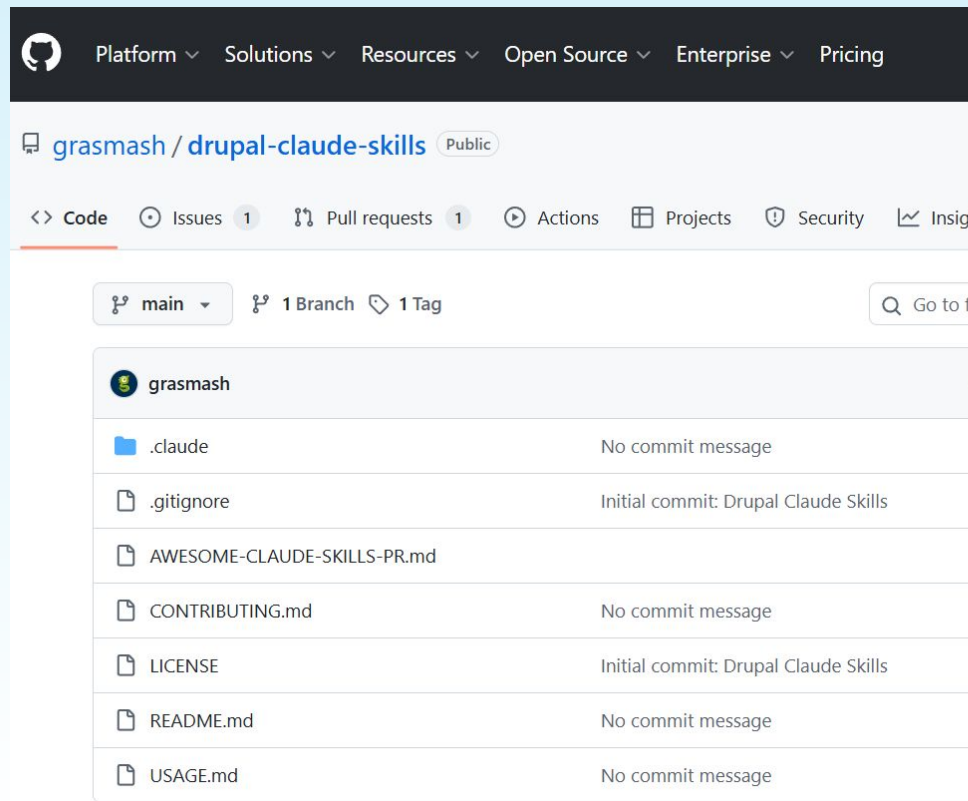
Orchestration tools gaining traction:



CODEX



Models are now good and cost reasonable amounts.

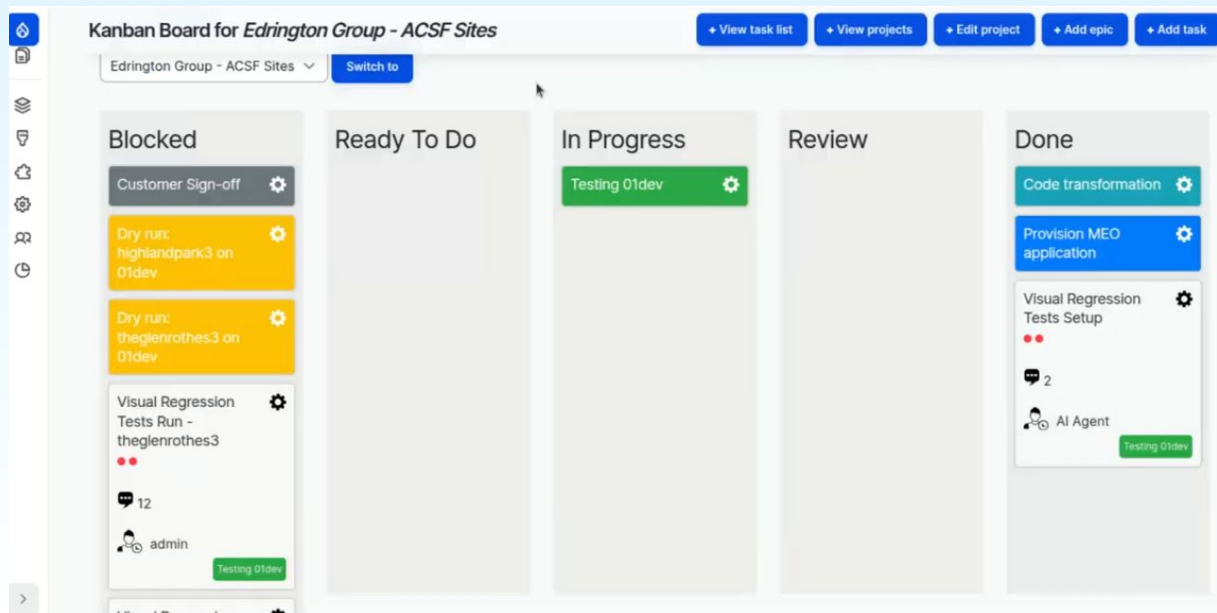




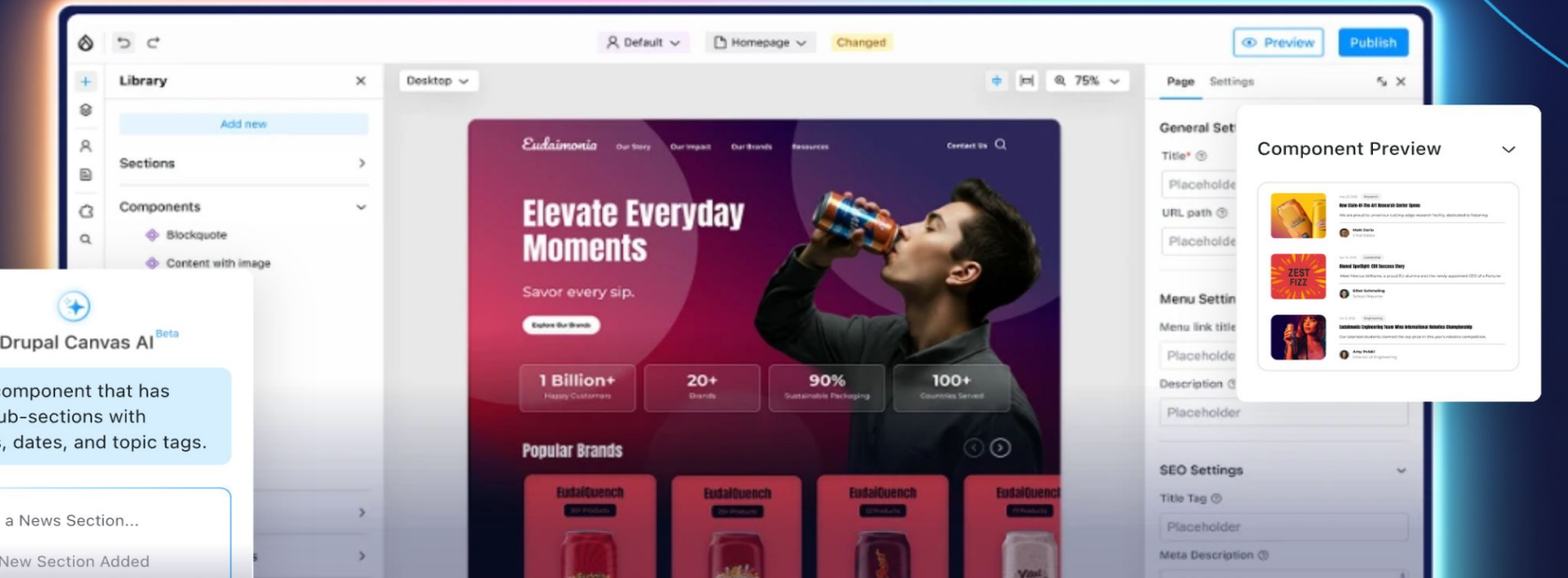
ACF to MEO Migration

Orchestration platform to coordinate AI Agents, traditional scripting and project management at scale.

Exceeded the goal of a **50% time saving**, with Edrington's MEO migration upward of **90% more efficient**.



The Best AI-Powered CMS on the Planet



Drupal Canvas AI ^{Beta}

Component that has sub-sections with images, dates, and topic tags.

a News Section...

New Section Added

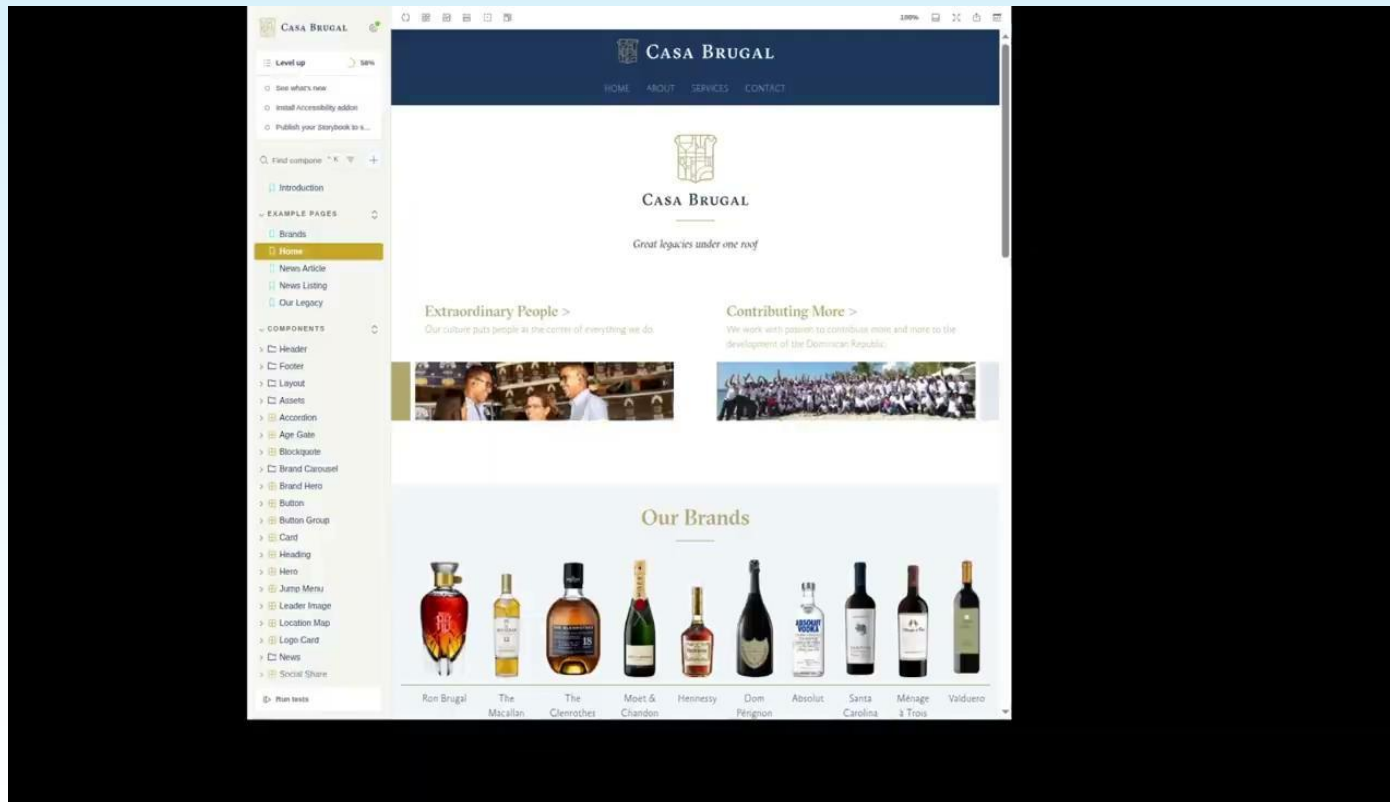
Build at the speed of 'Done'



**Migrating
Wordpress,
using Source
with AI ?!**

**Yes
please!**

Video Demo - Migration



AI Accelerated Migration Workflow



Observe

AI controls a browser to analyse source material or website



Generate

Specialised AI coding agents build Drupal components



Govern

Real-time visual and accessibility testing with AI



Deploy

AI provides both design and content migration



Example



Preview

No changes



Tablet



100%



CASA BRUGAL

CASA
BRUGALNUESTRAS
MARCASNUESTRO
LEGADOAPORTANDO
MÁSGENTE
EXTRAORDINARIA

POLÍTICAS

NOTICIAS

CLIENTES

CONTÁCTANOS

Age Gate

Verificación de edad

País: República Dominicana (18+). Oculto en modo editor.

NUESTRAS GRANDES MARCAS

Somos un productor global de rones premium y anfitriones de grandes
destilados y marcas icónicas.

Buttons

BRUGAL
- LA PERFECCIÓN DEL RON -

**The
MACALLAN**
HIGHLAND SINGLE MALT
SCOTCH WHISKY

**THE
GLENROTHES**
ESTD 1879
SPEYSIDE SINGLE MALT
SCOTCH WHISKY

MOËT & CHANDON
CHAMPAGNE

Hennessy

Dom Pérignon

A

Page data Settings

Title

Por favor ingresa tu fecha de nacimiento.

Legal Text

Tengo la edad legal para consumir alcohol donde me encuentro

Confirm Button Text

Confirmar y Continuar

Subtext

B I U @ :: ==Al ingresar aceptas nuestra [Política de Privacidad y Cookies](#).En Casa Brugal nos aseguramos de que nuestras marcas sean producidas,
promovidas y disfrutadas de manera responsable.

Background Style*

Gradient

Default Country

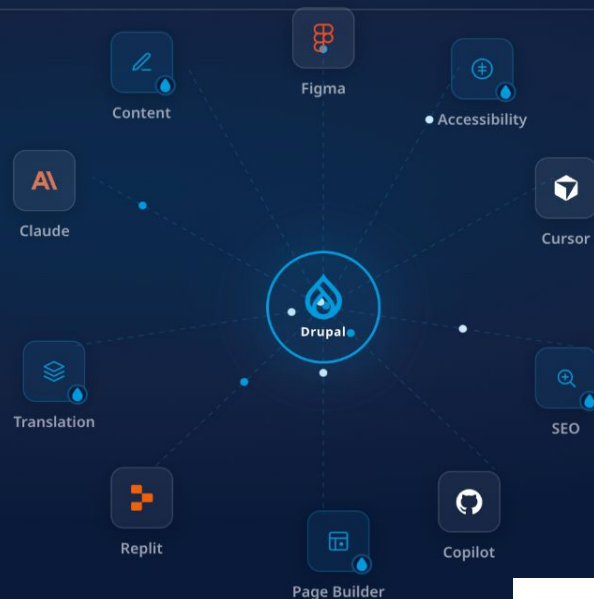
DO

ISO country code (e.g. DO for Dominican Republic).

DRUPAL CMS

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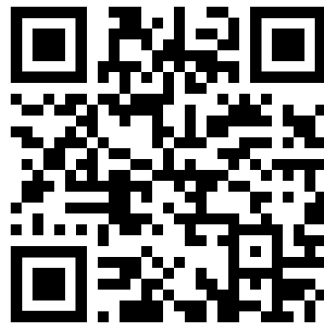
Community members

60,000+

Modules, themes & distributions

25 years

Of continuous innovation



Don't vibe your own CMS. Vibe with ours.

Vibe coding gets you from zero to demo in a weekend. That's real. But a CMS isn't a demo — it's infrastructure. It needs permissions, content modeling, multilingual support, access control, API stability, and security hardening.

At \$1M ARR, vibed software hits a wall.

Content models that seemed fine with 50 pages collapse at 5,000. The permission system you never built becomes a security incident. The API you shipped breaks every integration you've sold.

Start with your vibed prototype — that's fine. When it's time to scale, Drupal is the easiest CMS to graduate into. JSON:API, MCP, and 48 AI providers mean any agent that built your prototype can migrate it to Drupal without starting over.

Drupal streamed the Olympics to 100M viewers for NBC. Handled 2M concurrent users during the NASA eclipse. Powers 770 European Commission sites serving 2.2B page views per year. Kept Al Jazeera online through a 2,000% traffic spike during the Arab Spring.

The speed of vibing with the rigor of infrastructure that doesn't



Vibed from scratch



Built on Drupal

AI THAT WORKS BOTH WAYS

Works with every agent. *Ships with 22.*

Drupal is the only CMS designed to be a tool for external AI agents AND to ship its own agents built in.

Your agents, our CMS

Any MCP-compatible agent can connect to Drupal and operate it as a tool — read content models, create pages, manage media, respect permissions. No Drupal knowledge required.

AI  + any MCP client

```
INSTALL: composer require drupal/mcp && drush en mcp
```

Copy

Agents connect to https://yoursite.com/_mcp

22 agents, ready to go

Don't have your own agents? Drupal ships 22 that work out of the box — content generation, SEO, accessibility, translation, and more. All using your brand context.

Page Builder

Accessibility

SEO Optimizer

Translation

Content Writer

Media Alt Text

Chatbot

Content Audit

+14 more



Validation-first

Published on 24 March, 2026

When I wrote [my last post one year and one day ago](#), “vibe coding” was new. In fact, I heard about it for the first time while walking to some [DrupalCon Atlanta](#) social event — [Bálint](#) and [Lauri](#) were talking about it after a long conference day. By the end of 2025, it was in the dictionary. Three months into 2026 and it’s *everywhere* — for better or worse.¹

Also at the end of 2025, Bálint did a very impressive demo for the Canvas team: AI tools that knew *nothing* about Canvas were able to successfully generate [Canvas code components](#). During his demo he called out something unexpected (for 2024 Wim): the demo worked with **minimal prompting thanks to Canvas’ code components’ detailed validation.** 🤔





Getting started

Run the one-line install command. The installer detects Node.js and ddev on your system and routes to the appropriate setup path automatically.

```
curl -fsSL https://canvas.drupalstarforge.ai/install.sh | bash
```

The installer will:

1. Prompt for a project name and your Canvas site credentials
2. Optionally automate the Drupal OAuth client setup via browser (when Node.js is available to)
3. Test the OAuth connection
4. Clone the repo, configure ddev or local Node.js, and launch Claude Code





Canvas Storybook AI Installer

Setting up your AI-powered Drupal component workspace

Running in fast mode. Sensible defaults are applied automatically.

Run with `--advanced` to configure project name, OAuth client ID, JSON:API prefix, and more.

Fetching installer...

Finding your Acquia Source URLs

1. Navigate to <https://source.acquia.com>
2. Click **Sites** in the main menu.
3. Locate your site and click on the image.
4. API URL: copy the link behind the **Edit site** button
(looks like `https://<uuid>.cms.acquia.site`)
5. Public URL: copy the Primary Domain url
(looks like `<site_label>.acquia.site`)



Go further with Agentic Coding?

What Has Changed?

Claude Code Skills, Canvas CLI, MCP

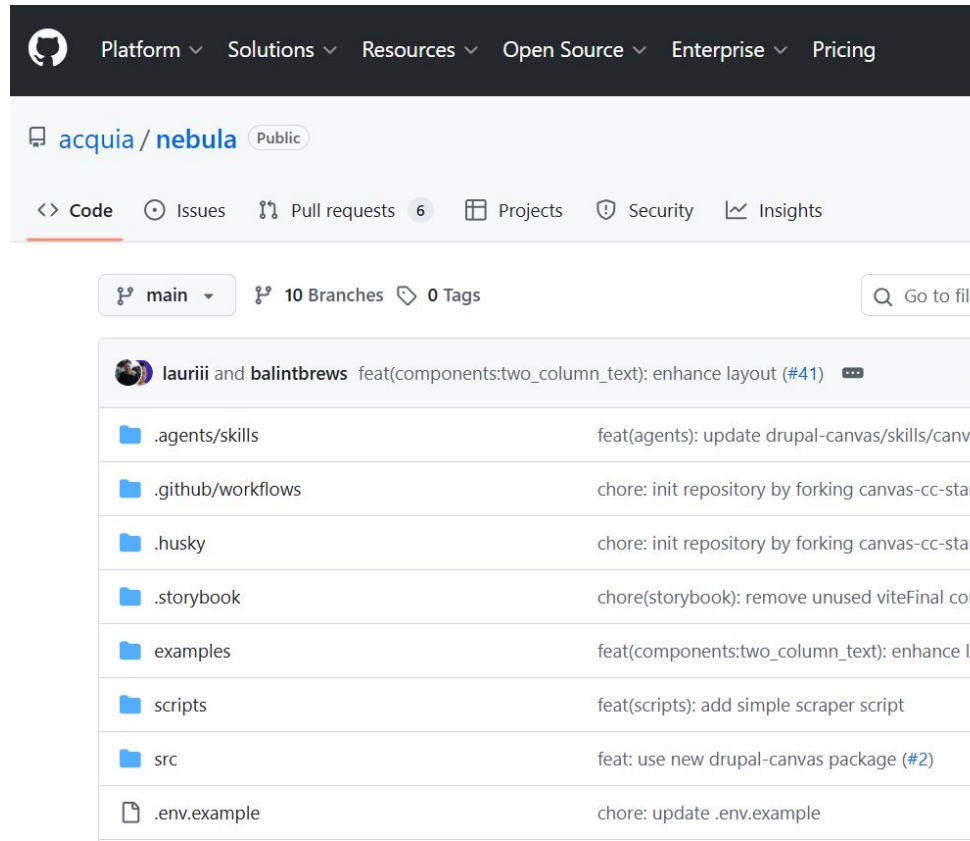
Focus on developers providing value for marketers quickly.

Wordpress → Drupal via Acquia Nebula

Design via Catia, bring to Storybooks, then Drupal CMS & Acquia source.

People are used to AI taking a long time.

Complex and useful problems matter more than being perfect.





AI Implementation Specialists

We build the AI frameworks others use. From strategy to production, we help organisations transform with AI that actually works.

[Explore Solutions](#)

[Get In Touch](#)



What Drives Us

Pioneers, Not Followers

We build AI frameworks, not just use them. We push the boundaries of what's possible.

Your Success Is Ours

We work as an extension of your team. Small team, full focus, no handoffs.

Open & Sovereign

No lock-in, no licence fees. You own everything we build.

We're not a consultancy that bolted on AI. We build the frameworks others use. This is all we do.

FreelyGiveAI



Not Your Typical Tech Company

People First, Always

We're a small, tight-knit team who actually care. No account managers, no handoffs, no "your call is important to us." You work directly with the people building your thing.

We Build the Tools Others Use

We don't just implement AI, we create the frameworks thousands of organisations rely on. That depth means we solve problems others can't even see yet.

Your Stuff Is Your Stuff

No lock-in. No licence fees. No sneaky recurring charges. Everything we build, you own. We think that's how it should be.



We Do Things Differently

There's a version of AI work that's all buzzwords, pitch decks, and vague promises about "transformation." That's not us. We're the team that rolls up our sleeves, sits with you, and builds something that actually works, often in the same day.

We're fully remote, which means we hire brilliant people wherever they are, not just whoever's nearest to a trendy office. Our team spans the globe, but we're small enough that everyone knows everyone. We like it that way.

And yes, we're based in the UK. London and Hastings. But we'll happily set up in your office wherever you are. We'll bring the biscuits.

Ugh, Fine. Here's Who We Are or Whatever

We do AI stuff. It's actually really cool but you probably wouldn't get it.

THE FASTEST THINGS ON EARTH



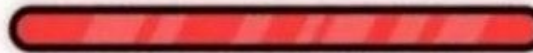
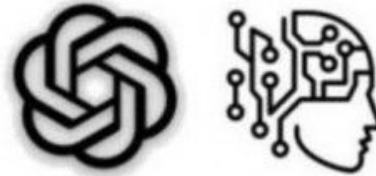
CHEETAH



AIRPLANE



SPEED OF LIGHT



PEOPLE BECOMING
EXPERTS IN AI



Discover Drupal

Build with Drupal

Partners & Services

Community

Support Drupal

Get Started



Drupal

General projects



AI Best Practices for Drupal

Add Issues for AI Best Practices for Drupal to dashboard +

View

Edit

Version control

View history

Maintainers

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



Star

22



No mail

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! And [Drupal CMS](#), but for AI! :)

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

- Contributors
- Drupal developers

Maintainers



webchick



ronaldtebra
ke



zorZ



yautja_ceta
nu



kristen pol



yesc

+ See more



Drupal AI: One Command. Powerful by Design.

A modular ecosystem for AI-native Drupal development.



Composable. Extensible. Maintainable.

One command for you. A solid foundation for everyone.



Example Evaluation

```
{  
  "id": 5,  
  "prompt": "Generate a Kernel test skeleton for a module called my_module. Only  
the class structure, no test methods yet.",  
  "expected_output": "A minimal Kernel test skeleton with KernelTestBase, correct  
namespace, and RunTestsInSeparateProcesses attribute.",  
  "expectations": [  
    "Includes the RunTestsInSeparateProcesses attribute",  
    "Generated PHP passes php -l syntax check"  
  ],  
  "must_contain_any": ["RunTestsInSeparateProcesses"],  
  "must_not_contain": [],  
  "check_php_lint": true  
}
```



A/B Testing

The writing-automated-tests comparison shows:

Case	No Skill	With Skill	Delta
B01 (Kernel test)	100%	100%	=
B02 (Functional test)	100%	100%	=
B03 (FunctionalJS)	100%	100%	=
B04 (setUp fix)	100%	100%	=
B05 (skeleton with attribute)	0%	100%	+100%
TOTAL	80%	100%	+20%



Comparison of Models

Provider	Model	No skill	With skill	Delta
Claude	sonnet	80%	100%	+20%
Codex	gpt-5.4	80%	100%	+20%
Gemini	2.5-flash	0%	20%	+20%
Mistral	codestral	60%	100%	+40%



Scope Analogy

**Drupal core
surge maybe?**
Base

**Drupal contrib
Devkit?**
Marketplace

**Drupal CMS
AI best practices**
highly opinionated
no options

Yours!
Distribution?
Build on top



Best CMS for your Agents to use!

Focus:

- **Relevance: Time to Value:** Can we get something useful fast! Can we bring down overall projects by 50%
- **Differentiation: Governance - Automation and APIs:** Workflows, fact-checking, moderation, and external and internal integrations with data can be applied and analysed quickly by humans, all on the production site, all observable and understandable.
- **On production** - No more Dev, Staging, Live

Gates

- **Consistent across the Ecosystem:** Not just Core modules
- **Safe:** Even for Enterprise
- **Usable:** End-users will use these tools



Short Term



[Home](#) [Features ▾](#) [How To ▾](#) [Contribute ▾](#)

FreelyGive

Drupal CMS AI



Math question (5 + 6 =)

Express Launch

Powered by DevPanel™

Easy, Fast, and Free!

Launch sites in < 5 seconds!

Demo, Develop, and Deploy.

Share recipes and templates.

Free for 30 days.





Drupal CMS AI

Try Drupal CMS AI with a built-in AI key. The built-in key has a \$1 spending limit.

DEMO



A Visual Flow builder for Agents - FlowDrop UI on Drupal CMS

The FlowDrop UI Agents module provides FlowDrop visual editor integration for AI Agents using the Modeler API. It enables users

DEMO



Drupal Module Finder AI

The Drupal Module Finder AI is both a showcase in what can be done with agentic RAG in Drupal, as well as something actually

DEMO



Drupal CMS + XB AI in DEV

Drupal CMS + XB AI in Dev

A Test environment to try out Drupal CMS + XB AI in Dev. It combines Drupal CMS with the Dev version of Experience Builder

DEMO



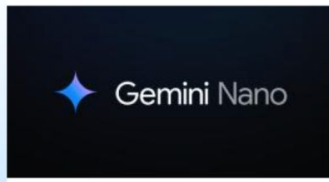
Drupal CMS AI Agents Testing Framework

Test Framework.



LocalGov AI

This template allows you to test out the AI features we showcased



Drupal Chrome Prompt API

Getting started



Thank you!
Feel free to reach out:



freelygive.io



jamie@freelygive.org.uk



[yautja_cetanu](#)



#ai in Drupal Slack

drupal.org/project/ai
new.drupal.org/ai

The logo for DrupalCamp Tokyo 2026 is a circular emblem. It features a stylized cityscape with a red sun or moon in the background. The buildings are in shades of blue and white. The text "DrupalCamp" is written in a bold, sans-serif font, and "Tokyo 2026" is written below it in a smaller font. The entire logo is set against a white background.

The screenshot displays the FlowDrop Visual Workflow Manager interface for the Drupal CMS Assistant. The interface is divided into a left sidebar for components and a main workspace for the workflow.

Components Sidebar:

- Search components...** (with a search icon)
- Sub-Agent Tools** (7 items)
- Drupal Core Actions** (29 items)
- Entity Tools** (2 items)
- Information Tools** (21 items)
- Modification Tools** (9 items)
- Tools API** (35 items)
- Other** (1 item)

Main Workspace:

The workflow is titled **Drupal CMS Assistant** and is connected. It features a central **Drupal CMS Assistant** node, which branches into three main agent categories:

- Content Type Agent:** Includes nodes for **Get Content Type Info**, **Add Content Type**, and **Update Content Type**.
- Field Agent:** Includes nodes for **Get Field Info**, **Add Field**, **Update Field**, **Get Field Configuration**, **Get Field Storage**, **Get Field Display**, **Get Field Security**, **Get Field Validation**, **Get Field Format**, **Get Field Widget**, **Get Field Plugin**, **Get Field Settings**, **Get Field Labels**, **Get Field Description**, **Get Field Help**, **Get Field Examples**, **Get Field Documentation**, **Get Field Support**, **Get Field Feedback**, **Get Field Updates**, **Get Field News**, **Get Field Events**, **Get Field Training**, **Get Field Resources**, **Get Field Tools**, **Get Field Services**, **Get Field Partners**, **Get Field Suppliers**, **Get Field Vendors**, **Get Field Distributors**, **Get Field Retailers**, **Get Field Wholesalers**, **Get Field Importers**, **Get Field Exporters**, **Get Field Manufacturers**, **Get Field Suppliers**, **Get Field Vendors**, **Get Field Distributors**, **Get Field Retailers**, **Get Field Wholesalers**, **Get Field Importers**, **Get Field Exporters**, **Get Field Manufacturers**.
- Taxonomy Agent:** Includes nodes for **Get Taxonomy Info**, **Add Taxonomy**, **Update Taxonomy**, **Get Taxonomy Configuration**, **Get Taxonomy Storage**, **Get Taxonomy Display**, **Get Taxonomy Security**, **Get Taxonomy Validation**, **Get Taxonomy Format**, **Get Taxonomy Widget**, **Get Taxonomy Plugin**, **Get Taxonomy Settings**, **Get Taxonomy Labels**, **Get Taxonomy Description**, **Get Taxonomy Help**, **Get Taxonomy Examples**, **Get Taxonomy Documentation**, **Get Taxonomy Support**, **Get Taxonomy Feedback**, **Get Taxonomy Updates**, **Get Taxonomy News**, **Get Taxonomy Events**, **Get Taxonomy Training**, **Get Taxonomy Resources**, **Get Taxonomy Tools**, **Get Taxonomy Services**, **Get Taxonomy Partners**, **Get Taxonomy Suppliers**, **Get Taxonomy Vendors**, **Get Taxonomy Distributors**, **Get Taxonomy Retailers**, **Get Taxonomy Wholesalers**, **Get Taxonomy Importers**, **Get Taxonomy Exporters**, **Get Taxonomy Manufacturers**.

The workflow is visually represented by a series of connected nodes and arrows, showing the flow of data and actions. A **Save AI Agent** button is located in the top right corner.