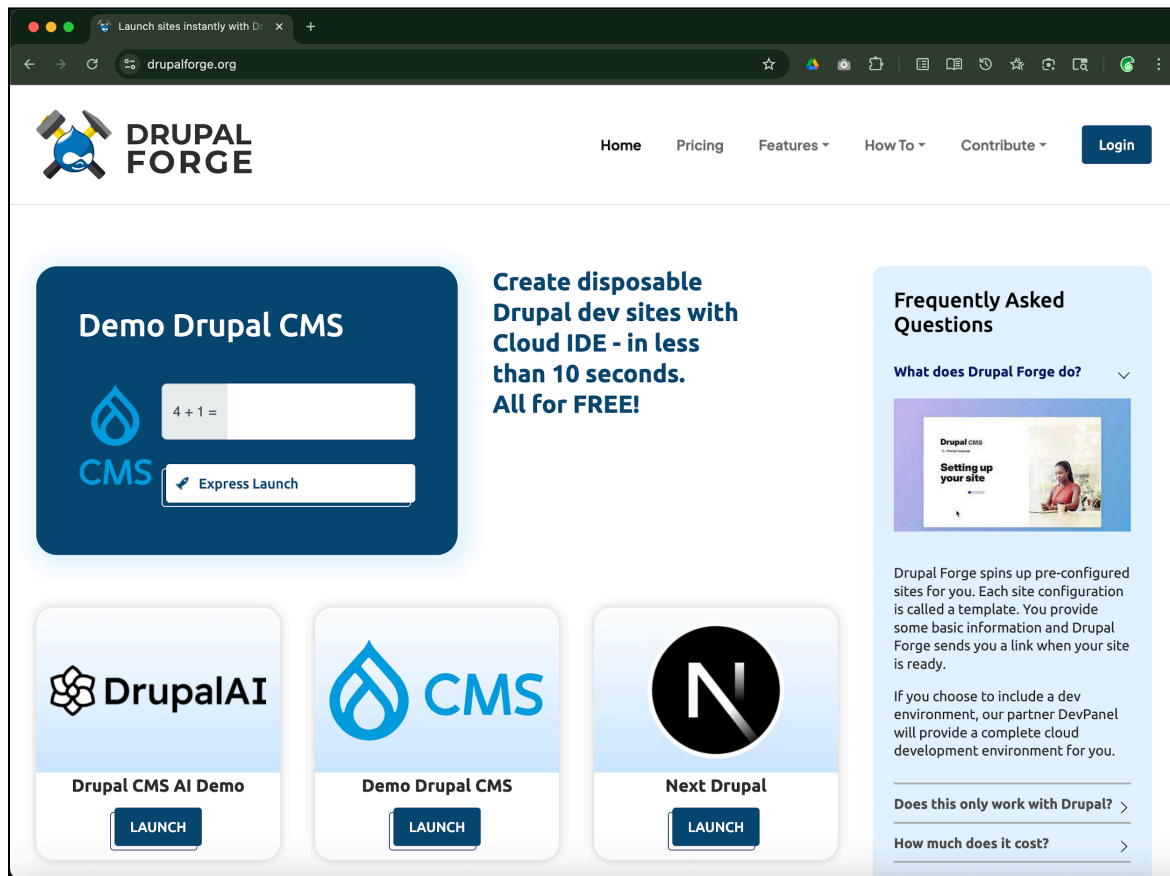


DrupalForge: Zero to 1000 sites in 10 minutes using DevPanel



Overview

What is Drupal Forge? It's an auto-scaling hosting platform built with DevPanel. The team had four weeks to create a fully operational, auto-scaling, developer-friendly Drupal hosting platform. Leveraging DevPanel (DP) as its core engine, Drupal Forge (DF) was able to deliver the industry's fastest and best auto-scaling hosting platform. The platform has become the go-to solution for Drupal contributors, trainers, and agencies worldwide. This case study explores how DF harnessed the power of DevPanel to deliver unparalleled speed, scalability, and flexibility in Drupal site management.

DevPanel Case Study

The Challenge

The Drupal community lacked a unified platform that could:

- Provide instant, disposable development environments for various Drupal versions.
- Scale effortlessly to accommodate training sessions, demos, and development needs.
- Offer a seamless transition from development to production environments.
- Enable contributors to share and monetize Drupal site templates.

Existing solutions were either too rigid, lacked scalability, or didn't cater specifically to Drupal's unique requirements. (drupalforge.org)

The Solution: DevPanel as the Backbone

DevPanel emerged as the ideal solution, offering:

- **Unified Dashboard:** A centralized interface to manage applications across cloud providers like AWS, DigitalOcean, and Azure. (drupalforge.org)
- **Automated Workflows:** Streamlining testing, deployments, and infrastructure management. (drupalforge.org)
- **Cost Optimization:** Reducing hosting costs by up to 80% through optimized resource allocation and auto-scaling. (drupalforge.org)
- **Security and Compliance:** Built-in features ensuring compliance with regulations like GDPR, CCPA, and HIPAA. (drupalforge.org)
- **Flexibility:** Support for various applications and frameworks, including Drupal, WordPress, Magento, and custom applications. (drupalforge.org)

By integrating DevPanel's API, DrupalForge automates site creation and management, ensuring rapid deployment and scalability.

Implementation Highlights

- **Rapid Development:** DF was built within just four weeks, showcasing DevPanel's capability to expedite platform development.
 - **Auto-Scaling Infrastructure:** Running on an auto-scaling Kubernetes cluster, DF can scale from 1 to 1,000 sites in under 10 minutes.
 - **Instant Environments:** Optimized to serve new Drupal development environments within 5 seconds, making it the fastest Drupal platform available.
 - **Template Marketplace:** DF allows users to create, share, and monetize site templates, fostering community collaboration and innovation. (drupalforge.org)
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Benefits to the Drupal Community

- **For Developers:**
 - Access to cloud-based development environments with pre-installed tools like VS Code, Composer, and Drush.
 - Ability to collaborate in real-time, enhancing productivity and reducing setup inconsistencies. (drupalforge.org)
 - **For Trainers and Agencies:**
 - Provision of ephemeral sites for training sessions, which auto-pause and delete based on usage, ensuring resource optimization.
 - Capability to deploy sites to any production hosting provider, offering flexibility in client solutions. (drupalforge.org, talkingdrupal.com)
 - **For Contributors:**
 - Platform to distribute site templates, either for free or for a fee, promoting knowledge sharing and monetization opportunities.
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Conclusion

DrupalForge's success underscores DevPanel's power and flexibility. Not only does DevPanel enable efficient management of individual sites, but it also provides the tools necessary to build entire hosting platforms tailored to specific communities or internal business needs. Whether you're aiming to streamline your development workflow or launch a full-fledged hosting solution, DevPanel offers the infrastructure and features to make it possible.

To experience DevPanel's capabilities firsthand, consider scheduling a 15-minute demo.

Contact us through the website (<https://www.devpanel.com/>) or email: contact@devpanel.com.
