Getting Started with Drupal AI: Foundation - From Setup to Contribution

Overview

Join us for an in-depth technical walkthrough on setting up and extending **Drupal AI** on a fresh Drupal 11 installation. This session is designed for developers, site builders, and contributors eager to explore Drupal's growing AI ecosystem-from installation and architecture to customization and contribution.

This isn't just a theory session - it's a practical, hands-on session that walks you through real configurations, module setups, debugging techniques, and contribution workflows.

What You'll Learn

Understanding Drupal AI Architecture

- Overview of the AI module architecture and its integration points within Drupal.
- Bare minimum setup requirements for getting started.
- Built-in AI features that come ready-to-enable.
- Extensible features available through contrib modules.

Installing & Configuring AI Providers

- Step-by-step setup of the **Gemini Provider**:
  - Getting your API key.
  - Adding the configuration to Drupal AI.
  - Understanding the limitations of Gemini as a provider.

Content Generation in Action

- Live demo of content generation within Drupal AI.
- Installation and setup of the **AI CKEditor** module:
  - Enabling and customizing features such as *Generate with AI*, *Change tone*, *Fix spelling*, *Summarize*, and more.
- Extending AI features in CKEditor with custom implementations.

    - Example: Using the AI Summarize Document module to generate content from uploaded PDFs.

Enhancing Authoring Experience

- Setup and demo of the **AI Content Suggestions** and **Field Widget Actions** modules to elevate editorial workflows and smart recommendations.

Debugging the AI Flow

- Learn how to debug your AI setup before extending it.
- Hands-on with **AI API Explorer** and understanding **AI logs**.
- How to assess payloads, track requests/responses, and trace the complete AI journey.

Contributing Back to Drupal AI

- Understand the contribution flow:
    - Identifying simple issues to fix (e.g., CKEditor or content suggestions modules).
    - Getting the code locally, making changes, rebasing, and pushing updates.
    - Best practices for commit messages, MRs, and community contribution etiquette.

Who Should Attend

- Drupal Developers and Site Builders exploring AI features.
- Contributors interested in working on Drupal AI modules.
- Architects evaluating AI integration possibilities for Drupal-based projects.

Key Takeaways

By the end of this session, you'll:

- Have a running instance of Drupal AI configured with Gemini.
- Understand how to extend and debug AI features in real-world use cases.
- Be ready to contribute to the Drupal AI ecosystem with confidence.

Format

- **Type:** Live Interactive Webinar
- **Duration:** ~90 minutes
- **Includes:** Live demo, code walkthroughs, and Q&A