Drupal AI | AI Agents Deep Dive

Overview

In this session, we'll move beyond one-off AI calls and explore how to build fully capable AI agents that can reason, make decisions, and take actions using your site's data.

This is a hands-on session where we will walk through the core agent architecture, create custom tools, and configure prompts. We'll conclude by building a *live, working agent* that automates seasonal recipe campaign planning - from analyzing your recipe database to drafting tailored outreach emails.

What You'll Learn

Understanding AI Agents

- What makes an AI agent different from a simple LLM prompt call
- How reasoning loops, tool usage, and decision-making work in an agent
- Common use cases and real-world enterprise patterns

Building Your First Agent

- Writing prompts and system instructions for agent behavior
- Advanced agent configuration in Drupal
- Developing and attaching custom tools for data access and actions
- Techniques for testing and debugging agent runs and tool interactions

Hands-On: Recipe Campaign Agent

- Identify seasonal themes using your existing recipe content
- Automatically generate campaign recommendations based on database signals
- Draft and trigger personalized campaign outreach emails through the chatbot interface

Who Should Attend

- Drupal Developers and Site Builders experimenting with applied AI
- Technical Architects exploring how to operationalize intelligent workflows
- Teams seeking to automate content-driven engagement or marketing flows

Key Takeaways

By the end of the session, you will:

- Know how to configure and extend the AI Agent module in Drupal
- Be able to create and connect custom agent tools
- Walk away with a working *recipe campaign automation agent*

Format

- Type: Live Interactive Session
- Duration: ~60 minutes
- Includes: Live walkthroughs, debugging exploration, demos, and Q&A