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Software Craftsmanship

Autumn Roadshow

2025 // 2026

events@the-experts.nl

WE ARE THE EXPERTS

This Autumn, we bring knowledge directly to our customers with a flexible, on-site roadshow program.



Talks



Technical
deep dives



Workshops

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This Autumn, we bring knowledge directly to your team with a flexible, on-site roadshow program. Instead of a one-size-fits-all event, we offer companies the chance to host their own tailored knowledge-sharing day for their teams.

You can design your event by selecting from a menu of engaging talks, technical deep dives, and hands-on workshops delivered by our experts.

Our goal is to create an environment where learning, collaboration, and inspiration flourish – while making it easy for companies to bring cutting-edge insights directly to their people.

Autumn Roadshow Curriculum



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- IAM Doomsday Prepper: Surviving the Apocalypse with Keycloak
- "Clean Hexagonal Onion" with a Dash of DDD in Spring
- Scalable by Design: Event Sourcing & Spring Modulith in Action!
- Tackle Eventual Consistency with Domain Events
- The Event Sorcerer with the Keycloak: The Battle against Dynamic Configuration
- VIBEBUSTERS: Who You Gonna Call when the Stack Fights Back
- The T&C Gatekeeper: Simplifying GDPR Compliance in Keycloak
- Navigating Java's geospatial world
- Green Maven builds: sustainable CI in practice
- Putting your software on a low-carb diet
- Is Logging Killing Your Observability?

Autumn Roadshow Tracks



IAM Doomsday Prepper: Surviving the Apocalypse with Keycloak

In the ever-evolving landscape of Identity and Access Management (IAM), it's crucial for organizations to stay prepared and adaptable. While Keycloak has become a popular open-source IAM solution, many projects still rely on UI-based configurations or JSON imports, leaving them vulnerable to human error, scalability issues, and time-consuming maintenance.

This talk will introduce attendees to the concept of configuration as code in Keycloak, focusing on the Keycloak Java Admin Client as a powerful tool for future-proofing IAM systems. By embracing configuration as code, organizations can increase security, reduce errors, and streamline the management of their IAM infrastructure.

Key Takeaways:

- Understand the limitations of UI-based configurations and JSON imports in Keycloak, and why they can be a recipe for disaster.
- Learn how the principles of configuration as code can be applied to Keycloak using the Java Admin Client for enhanced IAM management.
- Discover best practices for implementing configuration as code in Keycloak, including version control, collaboration, and automated testing.
- Gain insights into real-world examples of successful configuration as code implementations in Keycloak, and the benefits they've brought to organizations.

By the end of this talk, attendees will be armed with the knowledge and tools needed to transform their Keycloak projects from ticking time bombs to robust, resilient, and easily maintainable IAM solutions, ensuring they're prepared for any challenges that lie ahead.

"Clean Hexagonal Onion" with a Dash of DDD in Spring

Unlock the potential of your Spring Boot applications with the powerful 'Clean Hexagonal Onion' architecture pattern. By blending the most effective strategies from Ports & Adapters, Onion Architecture, and Clean Architecture, you'll learn to create resilient, highly adaptable systems that expertly separate concerns and maximize the value of Domain-Driven Design.

We'll tackle advanced topics like CQRS in REST Controllers, effective domain modelling, the strategic use of domain services, decoupling techniques, entity mapping, and creating an Anti Corruption Layer. Plus, we'll explore the mainstream best practices for Domain Events in Spring.

Whether you're looking to optimize existing applications or planning your next big project, join us and take your Spring Boot skills to new heights!

Prerequisite knowledge

- Java
- Docker
- Spring
- basic knowledge in Domain-Driven Design
- SOLID & basic knowledge on Architecture patterns is a nice to have

Participants are required to:

- Bring their own laptop
- Ideally have Docker Desktop installed
- JDK 17 or higher installed
- Preferably an IDE installed and setup

Scalable by Design: Event Sourcing & Spring Modulith in Action!

This hands-on workshop is designed for software developers and architects who want to build scalable, maintainable, and future-proof applications without jumping straight into the complexity of microservices. We'll explore event sourcing with Axon Framework and modular monolith design with Spring Modulith, creating a structure that is ready to evolve into microservices if needed — but delivers the simplicity and agility of a monolith today. You'll start with a theory session explaining the key concepts of event sourcing with Axon Framework and modular architecture with Spring Modulith.

Then, in an interactive coding session, we'll build an application platform step-by-step, applying the patterns in real time: slicing a Modulith, defining aggregates, handling commands and queries, and scaling across multiple stateless server instances. By the end of the day, you'll walk away with practical skills, working code, and a clear mental model for applying these techniques in your own projects.

Training goal:

By the end of the workshop, participants will be able to: Design, implement, and scale a modular, event-sourced application using Spring Modulith and Axon Framework — leveraging the simplicity of a monolith while keeping the architecture ready for a smooth evolution into microservices if needed.

They will leave with:

- A working event-sourced Spring Modulith platform prototype, built during the workshop
- A clear understanding of how to slice and structure a Modulith for maintainability and scalability
- Practical skills in command & query handling, maintaining projections, and applying event-sourcing using Axon.
- The ability to scale horizontally without complex distributed state management
- A decision framework for when and how to split into microservices

Tackle Eventual Consistency with Domain Events

Writing an application that follows the eventual consistency pattern requires a different way of thinking (and coding). Applying Domain-Driven Design (DDD) equally requires a shift in your way of working. DDD encourages you to use eventual consistency as a way to improve the performance, scalability, or flexibility of your system.

This workshop will give a short and concise hands-on introduction on how to apply the Domain Event pattern in a Spring Boot application and achieve eventually consistent behaviour.

In DDD, a domain event is an occurrence that is meaningful to the domain and has an associated set of implications. Domain events are a way of representing the changing state of the domain. They provide a means for different parts of the system to communicate and respond to changes in the domain in a decoupled or loosely-coupled manner. Our system becomes event-driven.

Event-Driven architectures become increasingly relevant in our world, where the race to the public cloud has already begun and we as developers need to think more and more in distributed contexts. Performance, Scalability and Flexibility play a crucial role in this.

The Event Sorcerer with the Keycloak: The Battle against Dynamic Configuration

In the evolving realm of Identity and Access Management (IAM), only the most skilled (event) sorcerers can harness the true power of "the Keycloak". Continue the epic journey we embarked on in the "IAM Doomsday Prepper: Surviving the Apocalypse with Keycloak" session and delve into the art of dynamic, replayable configuration through the power of event sourcing.

Discover how to extend static configurations with sets of dynamic event driven configuration, making your IAM projects resilient against change and highly adaptable. Learn the secrets of coding, versioning, and replaying configurations, ensuring your Keycloak setup is robust, future-proof and, most of all, dynamic.

Join us for a session that blends technical mastery with the lore of IAM, equipping you with the knowledge to wield dynamic configuration like a true sorcerer. By the end, your Keycloak projects will be fortified, ready to face any IAM challenge ahead.

VIBEBUSTERS: Who You Gonna Call when the Stack Fights Back

Building a SaaS platform solo? A few years ago, an unlikely feat, right?

In this talk, I share how I wrangled complexity, cut through tool fatigue, and learned when GitHub Copilot, JetBrains AI, Junie, Codex and other AI tools help... and when they hurt and slow you down. It's a fast-paced, honest take on surviving SaaS platform dev with today's AI-powered tool belt.

The T&C Gatekeeper: Simplifying GDPR Compliance in Keycloak

In the era of data protection regulations, GDPR compliance isn't just a legal requirement—it's a trust-building imperative for businesses. While Keycloak offers robust features for user authentication and authorization, many organizations struggle with the intricate dance of ongoing compliance throughout the user lifecycle. This talk unveils a different from usual approach: a composition of custom Keycloak authenticators that seamlessly integrate policy acceptance into your login flows.

Imagine a world where users effortlessly review and accept client-specific policies before gaining access, all within the familiar Keycloak IDP context. We'll dive deep into the code, demonstrating how to retrieve policies dynamically, present them to users, and gracefully handle acceptance or rejection. This isn't just about ticking compliance boxes; it's about creating a user-friendly, legally sound, and auditable process that respects both your users and regulators.

Discover how this custom solution not only ensures GDPR compliance but also enhances user trust and streamlines your data protection strategy. Whether you're a developer, architect, or compliance officer, you'll walk away with practical insights to elevate your Keycloak implementation and turn GDPR challenges into opportunities for excellence.

Navigating Java's geospatial world

In the past decade, digital maps and location-based services have become a natural part of daily life — from digital maps to location sharing and geographically enhanced software. The complex field of geospatial data and functions has found its way to end users: Points of Interest, Routing, open geodata and sharing live locations.

In other words: spatial is not special any more. Yet, developers can easily get lost when integrating geospatial data and location intelligence in their applications. This session introduces the fundamentals of geography, geometrical operations, spatial data and open standards. Having your backpack filled with these tools, you can start crafting your first app and integrate it with other geospatial mapping tools.

Green Maven builds: sustainable CI in practice

Whether you want to reduce your carbon footprint or cut back on machine resource usage, energy-efficient builds matter more than ever. CI systems often waste energy and time because of inefficient build pipelines.

In this byte size session, I will demonstrate a few tricks that will give you greener and faster Maven builds. We'll look at practical examples using GitLab CI and GitHub Actions, so you can apply the techniques right away in your own projects.

Putting your software on a low-carb diet

Our climate is heavily influenced by carbon dioxide emissions resulting from human activity. With AI captivating our society, emissions caused by software solutions are rapidly increasing. The good news is that you can help reverse this trend! As a responsible software engineer, you want to minimize the environmental impact and e-waste of your products. Join the Green Software movement, which provides practical and accessible tools to reduce the carbon footprint of your work.

In this talk, I will show you measures that can be implemented at the architectural, code, and infrastructure levels. Finally, you will learn how to ensure these measures are effective and upheld by your colleagues. This helps architects and engineers to understand how they can contribute to Corporate Sustainability Reporting (CSRD) as demanded by the European Green Deal.

Is Logging Killing Your Observability?

In today's fast-paced software environments, developers often equate "more logs" with better traceability. This assumption, however, can backfire. Verbose logging may drown critical information, bloat storage, and ultimately leave teams blind during production incidents.

This presentation challenges the traditional "log everything" mindset and advocates for a strategic logging philosophy: treat logs not as endless breadcrumbs, but as concentrated insights.

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