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Sign up

Sanity training

2 days (14 hours)

Presentation

Sanity is a headless content management platform with a fully customizable Studio and real-time APIs. It enables you to centralize, structure and distribute content to your web and mobile applications.

Our Sanity training course will enable you to model your content, configure a customized Studio and integrate your data on the Next.js/React front end with GROQ, preview and visual editing. You'll learn how to secure access, manage roles & permissions and industrialize your deployments.

You'll learn how to optimize your requests, take advantage of CDN and images, set up efficient editing workflows and automate CI/CD.

By the end of the course, you'll be able to install and configure Sanity Studio, understand its architecture and deploy a modern, reliable publishing workflow.

Like all our training courses, this one uses the latest version v4.3.0 of Sanity io.

Objectives

- Designing a robust content model
- Customize Sanity Studio
- Querying via GROQ and Sanity APIs
- Integrate a Next.js/React front-end
- Implement RBAC, security and workflows
- Deploy and industrialize

Target audience

- Full-stack developers
- Web integrators
- Web project managers
- Product Owners
- DevOps

Prerequisites

- JavaScript/TypeScript basics
- Notions of React/Next.js recommended
- Knowledge of API REST/GraphQL and Git

Our Sanity training program

Sanity content model and fundamentals

- Understanding the Composable Content Cloud architecture and Sanity Studio
- Key concepts: schemas, document types, references, portable text
- Dataset organization, environments, projects and permissions
- Structuring a maintainable schema (aliases, options, validations)
- Strong typing and good naming practices
- Workshop: creating a "Blog + Author + Categories" template

Customizing Sanity Studio

- Tree structure desk and custom views
- Advanced fields: arrays, block content, custom inputs
- Actions and document badges; editing hooks & callbacks
- Plugin and UI management (theme, icons, branding)
- Editing workflow (draft/publish, comments, tasks)
- Workshop: custom desk, alert banner and preview

Querying and exposing data

- GROQ queries: filters, projections, joints, pagination
- Content Lake (read), Mutations (write) and Webhooks APIs
- Images & assets: pipeline, CDN, image transformations
- Security: tokens, CORS, access rules and best practices
- Observability: logs, quotas, query optimization
- Workshop: building a GROQ "list + detail" query ready for the front end

Front-end integration

- next-sanity & @sanity/client kits; ISR/SSG/SSR
- Portable Text: rich rendering, serializers, custom components

- Real-time preview, draft mode and visual editing
- Caching strategies (CDN, revalidation) and performance
- End-to-end testing of content pages
- Workshop: blog page with Portable Text rendering and preview

Governance, quality and operations

- Roles & permissions; workspaces and multi-datasets
- Team conventions, schema linters, reusable validations
- Content migration and CLI tooling
- Deployments, preview environments and feature branches
- Backups, restoration and versioning strategy
- Workshop: GitHub Actions pipeline

Industrialization & publication

- Pre-filling via initial value templates and editing templates
- Internationalization and multilingual structures
- Production launch: security, performance and observability checklists
- Evolution plan: internal plugins, content design system
- Success criteria & handover to business teams
- Workshop: "red button" production launch + final checklist

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the forthcoming course, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire is used to check that skills have been correctly acquired.

Certification

A certificate will be issued to each trainee who completes the training course.