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Sign up

Sentry training

3 days (21 hours)

Presentation

Detect, diagnose and resolve application errors in real time with our Sentry training. This application monitoring software will give you the skills you need to monitor your applications.

During this course, you'll be able to track performance, trace problems and monitor errors.

What's more, you'll be able to integrate popular development tools with Sentry, so you'll be able to deal with any difficulties that may arise with the tools you're most comfortable with.

You'll develop your skills in advanced debugging, performance monitoring and application optimization, all while gaining an in-depth understanding of error management in software development.

As with all our training courses, this one will introduce you to the latest version of Sentry (at the time of writing: Sentry 24.3).

Objectives

- Efficient error management with Issues features
- Monitor and analyze application performance
- Understanding Sentry's role in the software development cycle
- Use Relay and Sentry-CLI to automate event and error management processes

Target audience

- Developers
- DevOps engineers

Prerequisites

Basic understanding of programming languages (Python, Java, JS) and their tools.

OUR SENTRY TRAINING PROGRAM

INTRODUCTION

- Introducing Sentry
- Benefits of using Sentry for error and performance monitoring
- Installation and configuration
- Sentry user interface overview
- Understanding Sentry's role in the software development cycle

ISSUES MANAGEMENT

- Understanding how problems work
- Navigating and using filters in the problem list
- Managing and sorting problems for better organization
- Using mass actions on problems
- Detailed problem analysis and corrective action

PERFORMANCE MONITORING

- Introduction to performance monitoring with Sentry
- Transaction and trace configuration
- Understanding performance dashboards
- Analysis of performance problems
- Use performance views to improve application responsiveness

PROJECT AND ALERT MANAGEMENT

- Creating and configuring projects in Sentry
- Customize project parameters for specific needs
- Setting up alert and notification rules
- Alert response and workflow integration
- Best practices for monitoring metrics and critical events

RELAY AND SENTRY-CLI

- Introduction to Relay
- Relay configuration and integration with Sentry
- Sentry-CLI installation and configuration
- Version and debug file management with Sentry-CLI
- Process automation with Sentry-CLI

INTEGRATIONS AND EXTENSIONS

- Sentry integration platform overview
- Integration with source code management systems
- Configuring integrations for problem tracking and deployment
- Using data visualization integrations
- Exploring third-party integrations and customization

DATA AND SECURITY MANAGEMENT

- Recommended practices for grouping problems
- Configuration of incoming filters and data cleansing rules
- Understanding confidentiality and restricting data display
- Data security and legal compliance with Sentry

PROFILING

- Installation
- Mobile application profiling
- Flame graphs and aggregated flame graphs
- Differential flame graphs

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer 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 training to come, 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% Practical, 40% Theory. Training material distributed in

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 verifies the correct acquisition of skills.

Sanction

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