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Sign up

Hivekit training

2 days (14 hours)

Presentation

This revolutionary distributed computing technology is perfect for you. Our Hivekit training course will enable you to manage large quantities of data by distributing them over a network of interconnected machines.

You'll discover essential functions such as task management, data replication and process coordination. You'll explore the tool's batch and real-time processing capabilities.

Learn how to partition data, optimize performance and integrate tools such as Hadoop and Spark for more efficient use. You'll also learn about best practices for designing and implementing distributed systems.

This course will introduce you to the latest features of Hivekit version 1.10. By the end of this course, you'll have developed solid skills in distributed data management.

Objectives

- Understanding Hivekit's architecture and benefits
- Set up secure authentication and manage permissions
- Master the use of event subscriptions
- Establishing a connection and configuring the Hivekit infrastructure

Target audience

- Developers
- Data Engineers
- IT professionals
- Data Analyst

PREREQUISITES

- Master the basic concepts of distributed computing
- Familiarity with databases and data storage systems

OUR HIVEKIT TRAINING PROGRAM

INTRODUCTION TO HIVEKIT

- Overview of Hivekit and its ecosystem
- Basic architecture and key components
- Operating principles and benefits
- Hivekit application fields

BASIC CONCEPTS AND CONNECTION

- Exploring fundamental concepts
- Establishing a connection with the Hivekit infrastructure
- Initial configuration and setup for development
- Understanding the development interface
- Practical exercises

AUTHENTICATION AND PERMISSIONS

- Authentication methods available in Hivekit
- Secure access and authentication key management
- Understanding and configuring the permissions system
- Good safety practices for applications
- Practical workshop on setting up secure authentication

OBJECT AND ZONE MANAGEMENT

- Creating, modifying and deleting objects in Hivekit
- Understanding the role and structure of zones
- Interaction between objects and zones for efficient management
- Using objects and zones to create scenic environments
- Hands-on experience: handling objects and configuring zones

SUBSCRIPTIONS AND INSTRUCTIONS

- Manage subscriptions to events and status changes
- Understanding instruction flow and action control

- Using the pub/sub communication model
- Real-time event analysis and response
- Practical exercises on setting up subscriptions and managing instructions

HIVESCRIPT AND HISTORY

- Introduction to the Hivescript scripting language and its syntax
- Writing scripts to automate tasks in Hivekit
- Integration of customized business logic via Hivescript
- Access and analyze event and data history
- Programming workshop: creating and deploying a Hivescript script

Companies concerned

This training 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 course: 60% Practical, 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 verifies the correct acquisition of skills.

Sanction

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