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Sign up

Redict training: Independent open-source fork

3 days (21 hours)

Presentation

Our Redict training course will teach you how to master this new, completely independent Open Source Fork. Designed as a free alternative to Redis after its transition to a non-free license. Redict will enable you to manage your databases while benefiting from the LGPL license guaranteeing free, non-commercial use of the tool.

Our program will teach you all the basics of the Redict tool, including installation and initial configuration, as well as the differences with Redis, from which it draws its inspiration. Changes in executables and APIs will be covered, as well as migration from Redis to Redict.

Our training course will teach you all the skills you need to master Redict, from data types and module management to database security. You'll also learn about monitoring to maximize the performance of your data flows.

Like all our training courses, it will be run on the latest version of the tool: Redict 7.3.

Objectives

- Installing and configuring Redict
- Migrating from Redis to Redict
- Master the management and monitoring of your databases

Target audience

- **Data analysts**
- Data engineers

Prerequisites

- Knowledge of programming languages
- Knowledge of Redis is a plus, but not mandatory

Redict training program

INTRODUCTION AND INSTALLATION

- Installation from packages
- Installation from Redict containers
  - Scratch
  - Alpine
  - Debian
- Installation from source
- Volumes and config files
- Differences with Redis

REDIS COMPATIBILITY

- Package migration
- Container migration
- Lua script migration
- Module migrations
- Hiredict

USES

- Cluster
- Command Arguments
- Command Tips
- Configuration
- Debugging
- Distributed Locks

CUSTOMERS

- Client-side caching
- Command key specifications
- Keyspace notifications
- Sentinel customer spec

OPTIMIZATIONS

- Benchmarking

- CPU profiling
- Latency diagnosis
- Latency Monitoring
- Memory optimization

SECURITY AND MONITORING

- ACL/TLS
- Sentinel
- Troubleshooting
- Signal handling
- Transactions

DATA TYPES

- Bitfields
- Bitmaps
- Geospatial
- Hashes
- HyperLogLog
- Lists
- Sets
- Sorted Sets
- Streams
- Strings

MODULES

- Community modules
- Blocking commands
- Native types API
- API reference

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 internal security difficulties within the company (intra-company or virtual classroom) that might be encountered.

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.