



Software Tool Time



Lecture – Redis

- Tutor

- Nayoung Woo

- Objectives

- Redis 설치 및 실습
 - Redis와 Spring Boot 연동 실습

- Preparation

- Docker Desktop 설치
 - <https://www.docker.com/products/docker-desktop>
 - Spring Tool Suite(STS) 설치 및 Spring Boot에 대한 이해
 - <https://spring.io/tools>
 - Postman 설치
 - <https://www.postman.com/downloads>



Lecture – Redis

- Contents

- Redis 란?
- Redis 설치
- Redis-cli 명령어
- Redis와 Spring Boot 연동



Redis 란?

- “Key-Value” 구조의 데이터 저장 및 관리 DBMS
- Advantages
 - 성능
 - 유연한 데이터 구조
 - 단순성 및 사용 편의성



Redis 란?

- 주요 사용 사례
 - 캐싱
 - 채팅, 메시징
 - Machine Learning



Redis 설치

- 방법 1

- Docker를 통해 Redis 설치하기

- 방법 2

- Redis 릴리즈를 다운로드하여 설치하기
- <https://github.com/microsoftarchive/redis/releases>



Redis 설치

- Docker를 통해 Redis 설치하기 (방법 1)



Redis 설치

- Redis 릴리즈를 다운로드하여 설치하기 (방법 2)
 - <https://github.com/microsoftarchive/redis/releases>



Redis-cli 명령어

- Redis-cli 명령어를 통한 데이터 처리



Redis와 Spring Boot 연동

- Redis 저장소에 대한 Spring Boot CRUD REST API 구현하기



Lecture – Redis

- References

- <https://ko.wikipedia.org/wiki/%EB%A0%88%EB%94%94%EC%8A%A4>
- <https://aws.amazon.com/ko/redis/>
- <https://freeblogger.tistory.com/10>
- <https://github.com/microsoftarchive/redis/releases>
- <https://wickies.tistory.com/99>





Software Tool Time (소프트웨어 툴 타임)

(CC-BY-NC 4.0) Nayoung Woo and Ajou University

Visit “Software Tool Time” channel in YouTube : <http://goo.gl/remxrw>

This video was supported by the Khronos Group

All product names, trademarks, and/or company names are used solely for identification and belong to their respective owners.

“Software Tool Time” video is licensed to the public under a Creative Commons Attribution 4.0 License (<https://creativecommons.org/licenses/by/4.0/>)

Twin Musicom’s African Drums (Sting) is licensed to the to the public under a Creative Commons Attribution 4.0 License (Artist: <http://www.twinmusicom.org/>)