



Caching

# Redis Cache in Spring Boot

# Installing Redis

Install Redis on the local machine: [here](#)

Install WSL (for WINDOWS): [here](#)

# Add Redis Cache

## 1. Dependencies:

```
<dependency>  
  <groupId>org.springframework.boot</groupId>  
  <artifactId>spring-boot-starter-data-redis</artifactId>  
</dependency>
```

## 2. Configuration:

```
spring.cache.type=redis  
spring.data.redis.host=your-redis-host  
spring.data.redis.port=your-redis-port  
spring.data.redis.password=your-redis-password  
spring.data.redis.ssl.enabled=false
```

# RedisCacheManager

The `CacheManager` interface (implemented by `RedisCacheManager` for Redis) is a higher-level abstraction designed for caching data. It is used when you want to implement caching with minimal effort, typically using Spring's caching annotations such as `@Cacheable`, `@CachePut`, and `@CacheEvict`.

