

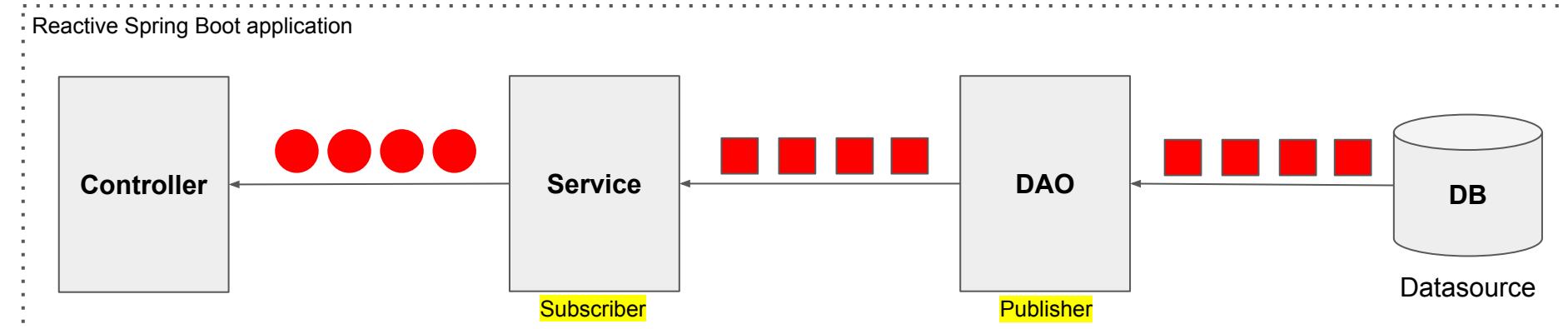
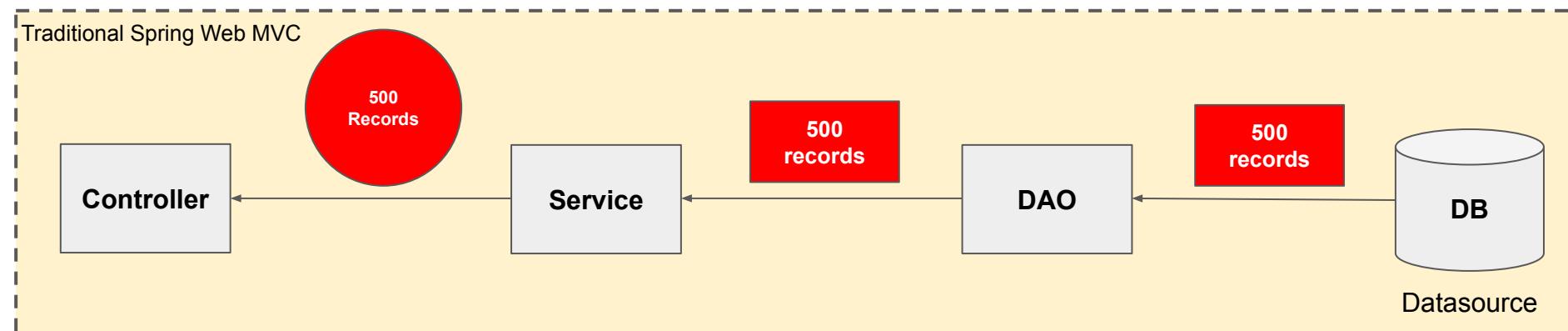
Data Streams in Reactive Applications

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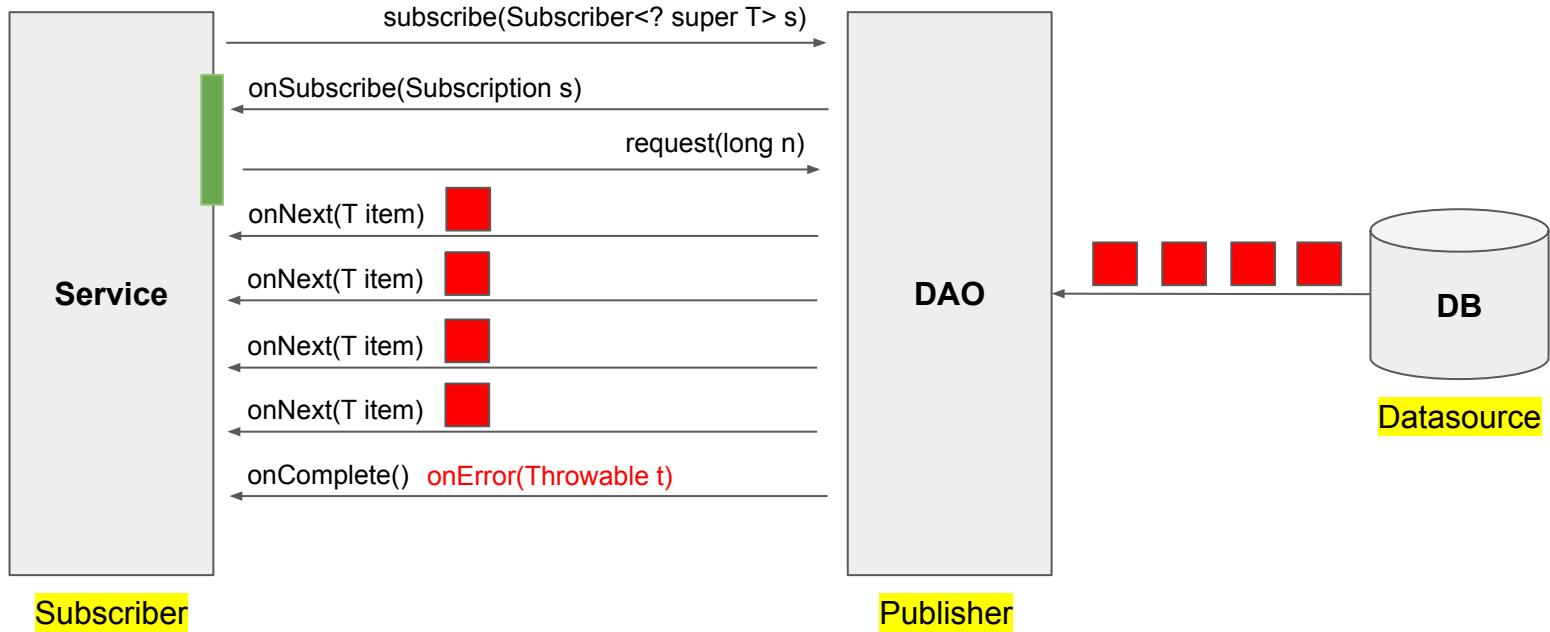
Reactive Programming - Introduction

- Enables developers to build **non-blocking** applications that can handle asynchronous and synchronous operations
- Focuses on **data streams** and the **propagation of change**.
- Useful for applications that need to handle a **large number of concurrent users** or data streams efficiently.
- Typically employs a **functional programming style** rather than an imperative one.
 - Reactive Streams to handle data flow
 - Lambda functions for concise code
 - Operators like map() and filter() to process data.

Data Stream



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