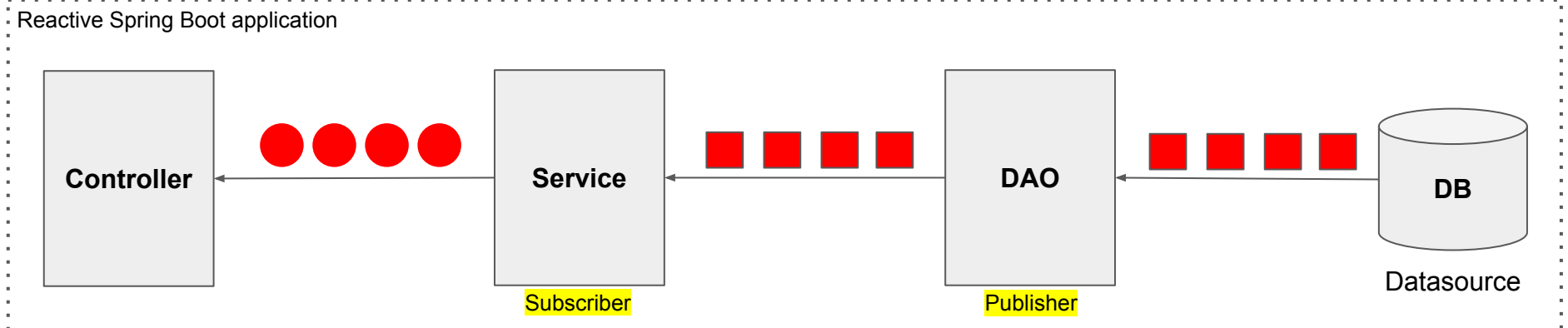
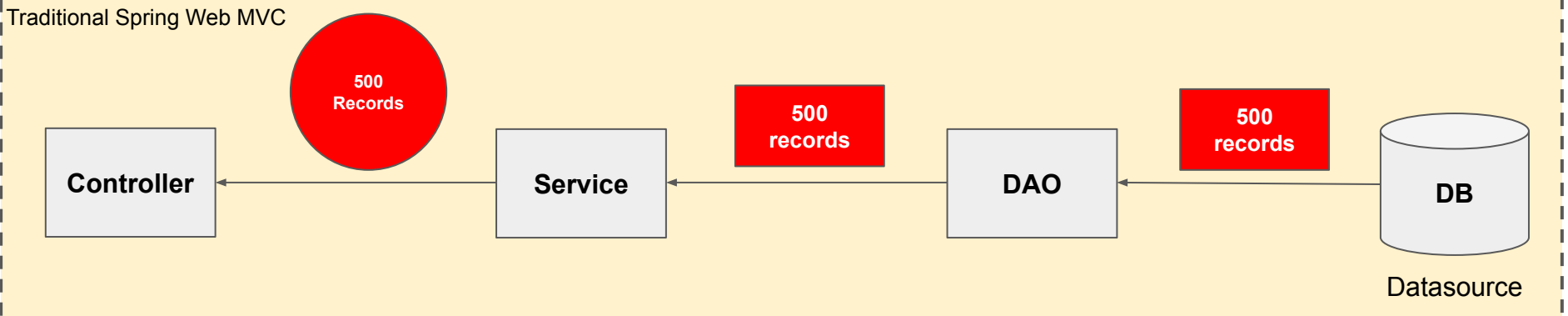


Data Streams in Reactive Applications

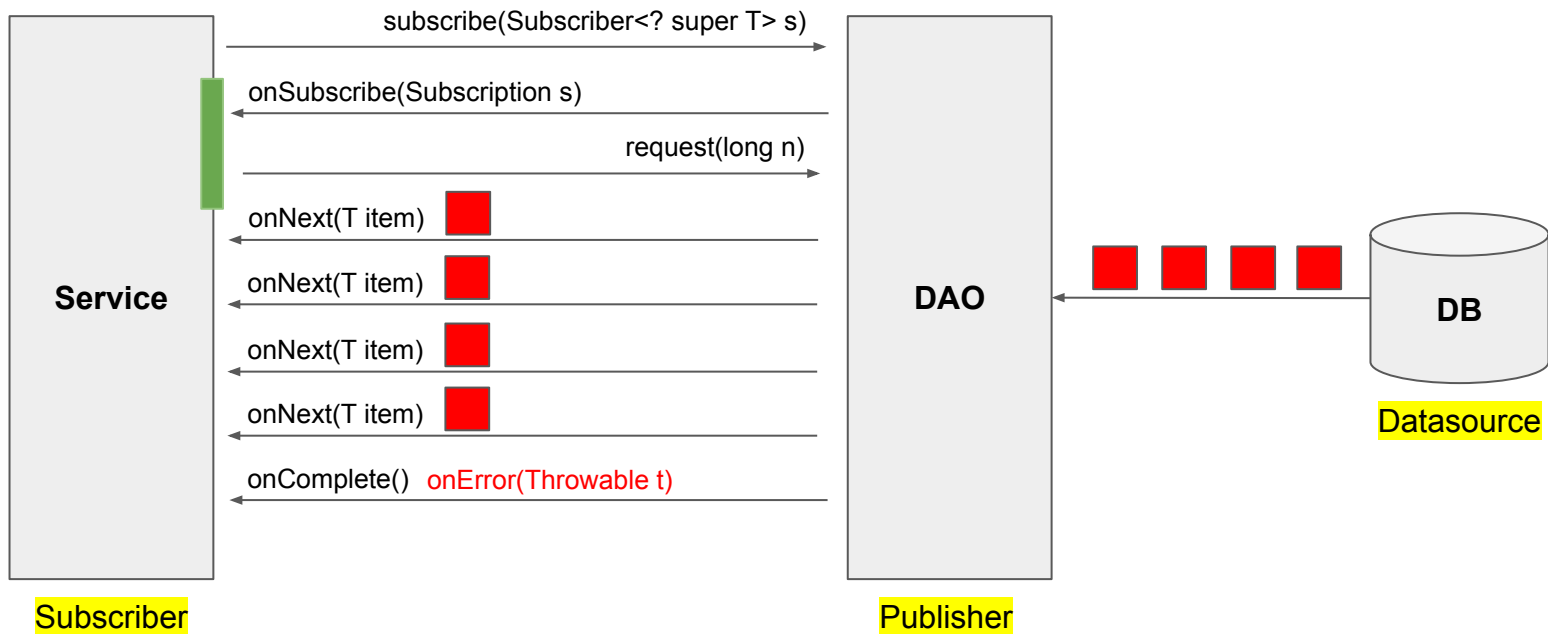
Reactive Programming - Introduction

- 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



Data Stream



Data Stream

