# Angular Services

## THE ROLE SERVICES PLAY IN AN ANGULAR APPLICATION

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# Overview

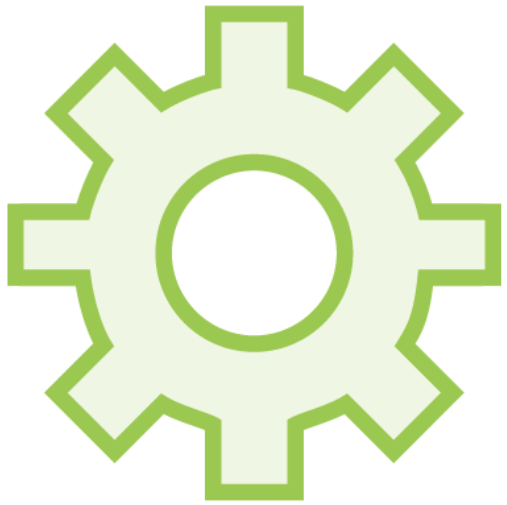
What are services?

When would I use a service instead of a component?

Course overview

Book Tracker demo app

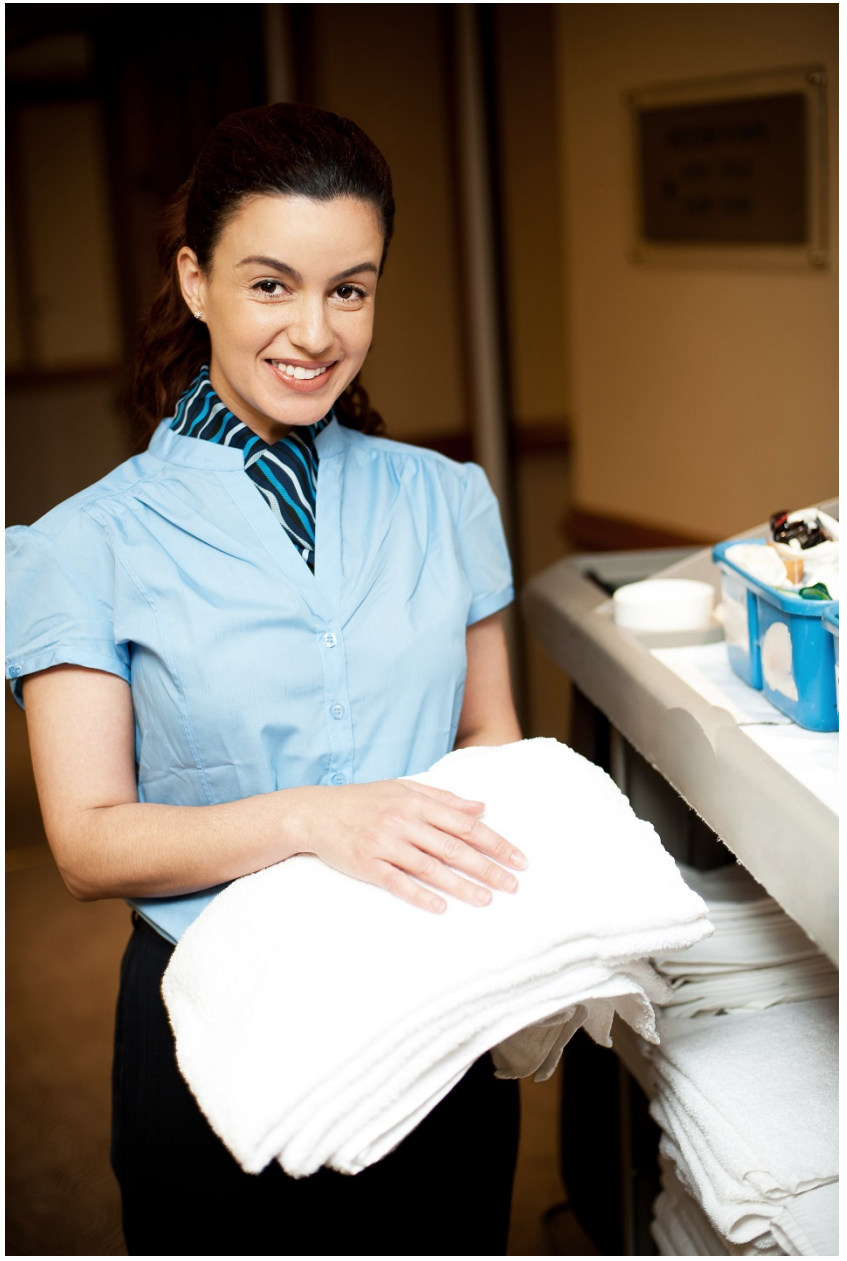
# What is an Angular service?



Reusable piece of functionality shared across components

Responsible for a single, discrete piece of functionality

Able to be delivered when and where it is needed



# Components or services?

"Do limit logic in a component to only that required for the view. All other logic should be delegated to services."

**Angular Style Guide**

*Style 05-15 (July 2017)*

https://angular.io/guide/styleguide#delegate-complex-component-logic-to-services

# Consider Creating a Service If...

**The necessary functionality is not required by the view**

**You need to share logic or business rules across components**

**You need to share data across components**

# Course Overview

Creating and Using Services

Understanding and Configuring Dependency Injection

Creating Asynchronous Services

Consuming Common Built-in Services

# Demo

## Book Tracker project overview

# Summary

Services are important!

Shared, reusable, discrete functionality

Complement the logic in components