Adapter

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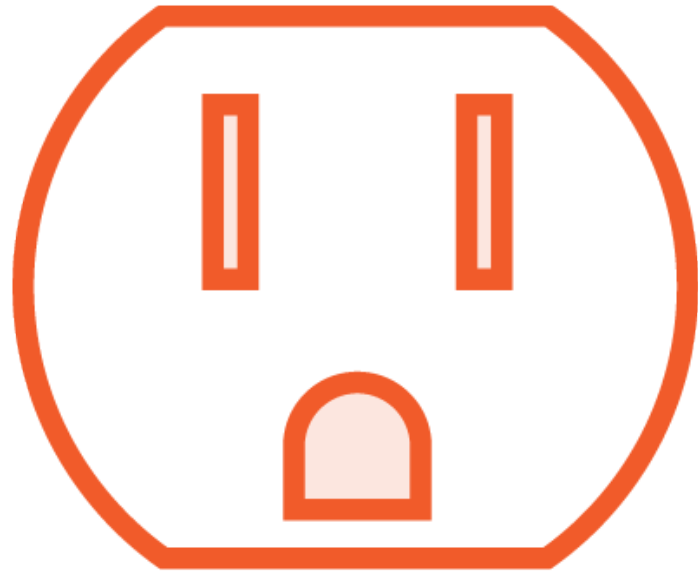
Overview

Motivation

SocialSharing demo

- Integrate an incompatible component

- Component cannot be modified

Motivation

Third-party/legacy code

- We cannot modify the interface, but we have to integrate it in our app/framework

Adapt the incompatible interface

- Create adapter that gives the required interface

- The adapter extends or wraps the incompatible entity

The Problem

The Problem

The Solution

Adapter

The Adapter pattern maps an existing interface to another interface.

Demo

SocialSharing

- The problem

- Object Adapter

- Adapter via Swift extensions

Summary

The Adapter Pattern:

- Converts an incompatible interface into one that we need

- Should be used when we cannot modify the source code

Pitfalls

- Adapting a component which lacks the required functionality