#### AON

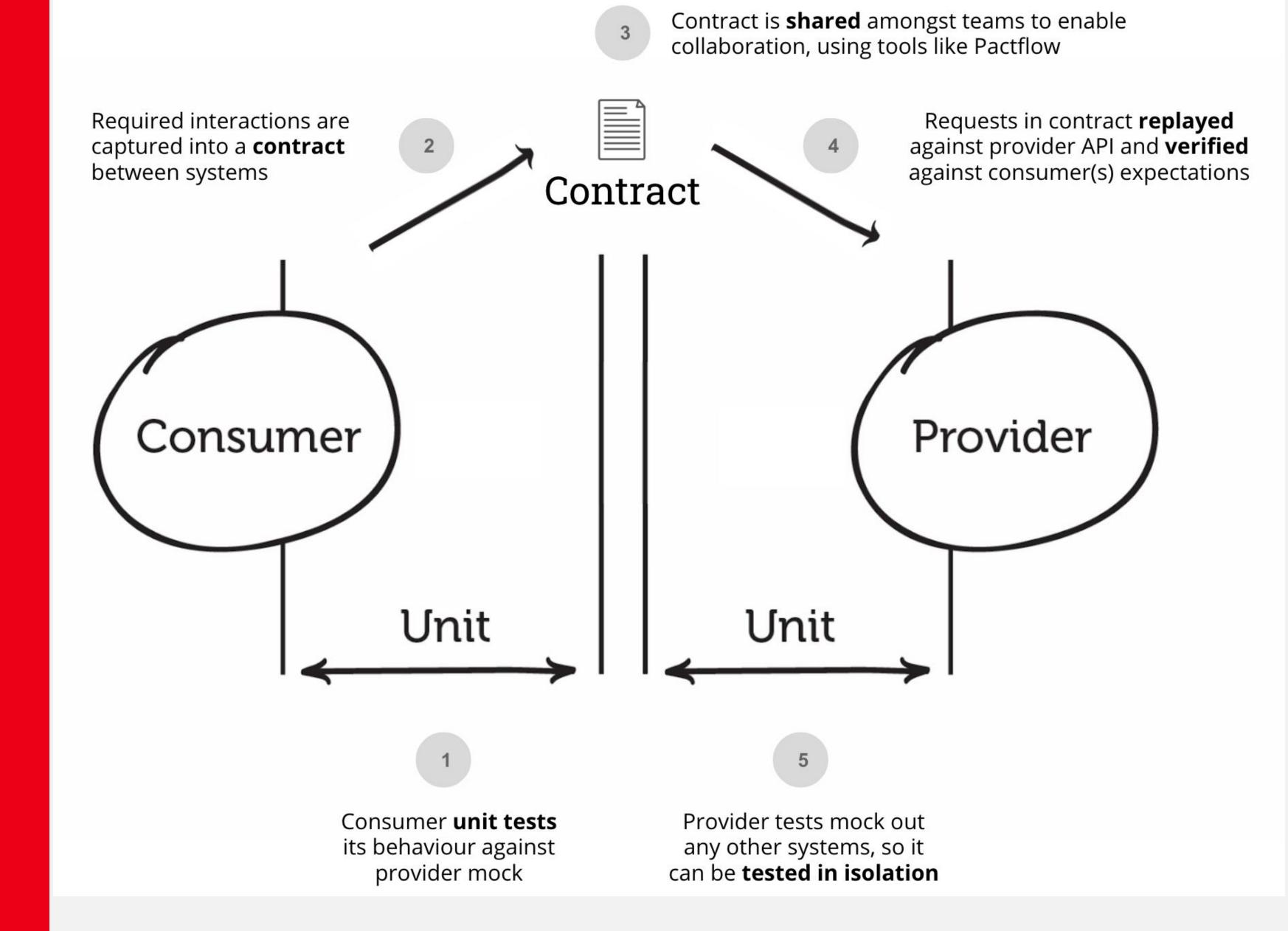
# Consumer-driven contracts with Pact

Sakir Temel

Engineering Director @ CoverWallet, an Aon company

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coverwallet.engineering



### Why a Diagram is (Sometimes) Worth Ten Thousand Words

use Diagrams not text!

- A language is a system of communicating, usually between humans. It's versatile, And you can communicate almost any idea

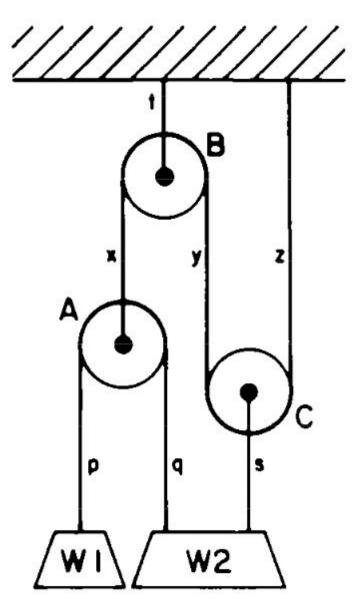
- Many distinguished scientists and mathematicians (e.g., Einstein, Hadamard) have denied that they "think in

words."

Consider a problem given in the following natural language statements. We have three pulleys, two weights, and some ropes, arranged as follows:

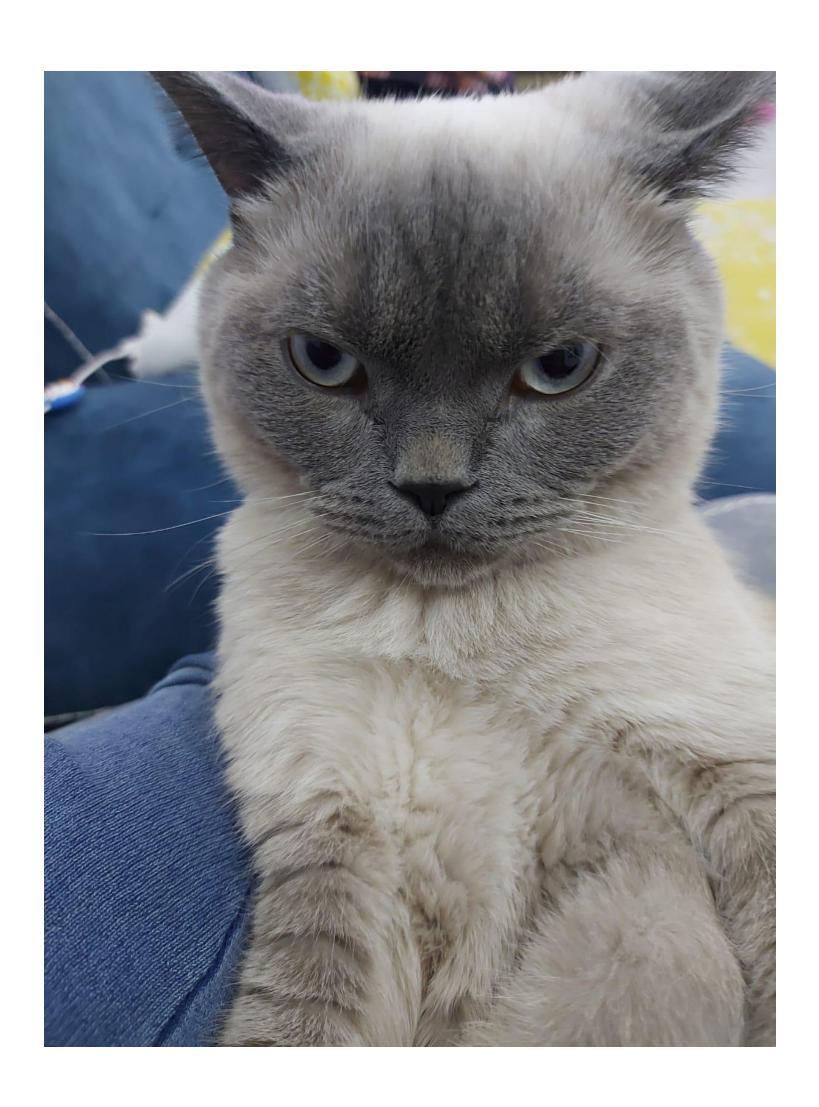
- 1. The first weight is suspended from the left end of a rope over Pulley A. The right end of this rope is attached to, and partially supports, the second weight.
- 2. Pulley A is suspended from the left end of a rope that runs over Pulley B, and under Pulley C. Pulley B is suspended from the ceiling. The right end of the rope that runs under Pulley C is attached to the ceiling.
- 3. Pulley C is attached to the second weight, supporting it jointly with the right end of the first rope.

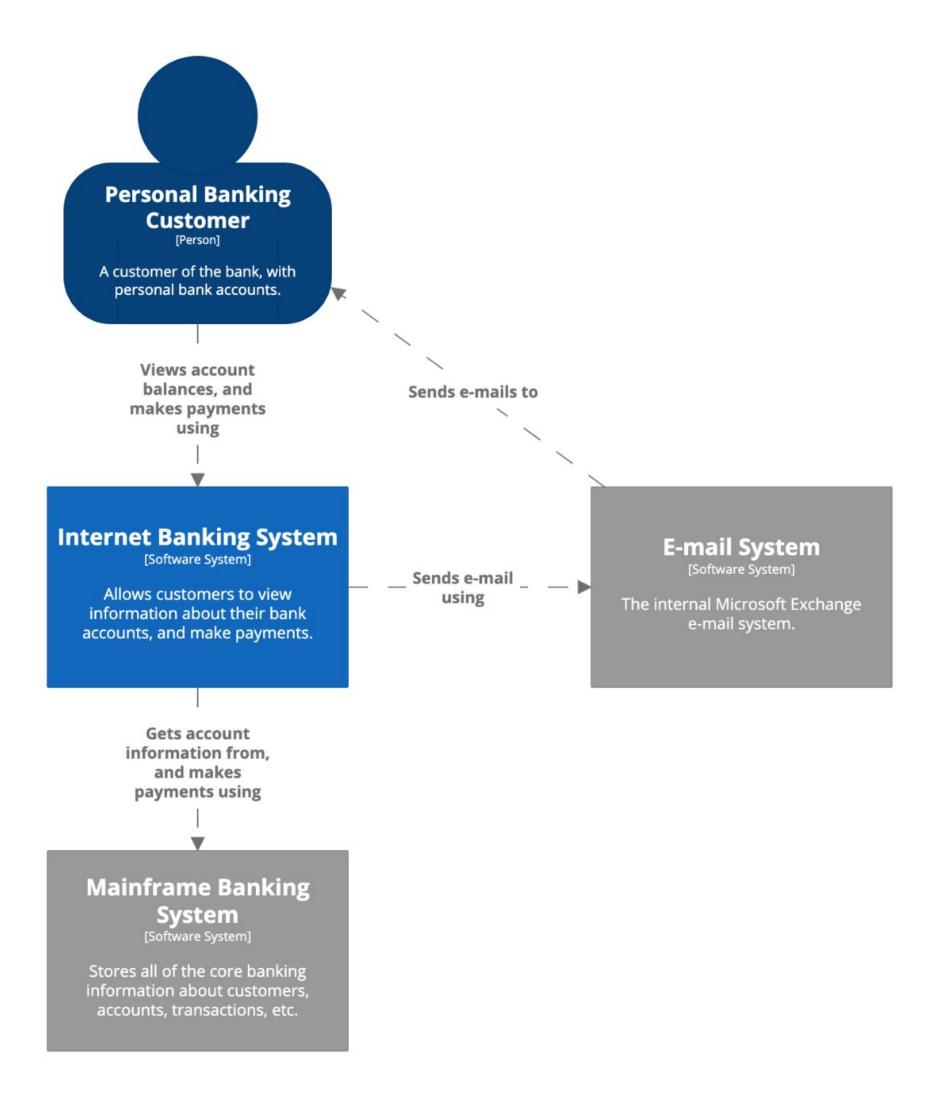
The pulleys and ropes are weightless; the pulleys are frictionless; and the rope segments are all vertical, except where they run over or under the pulley wheels. Find the ratio of the second to the first weight, if the system is in equilibrium.



igure 1. Diagram of the pulley problem.

#### or Cats cc @tenderlove

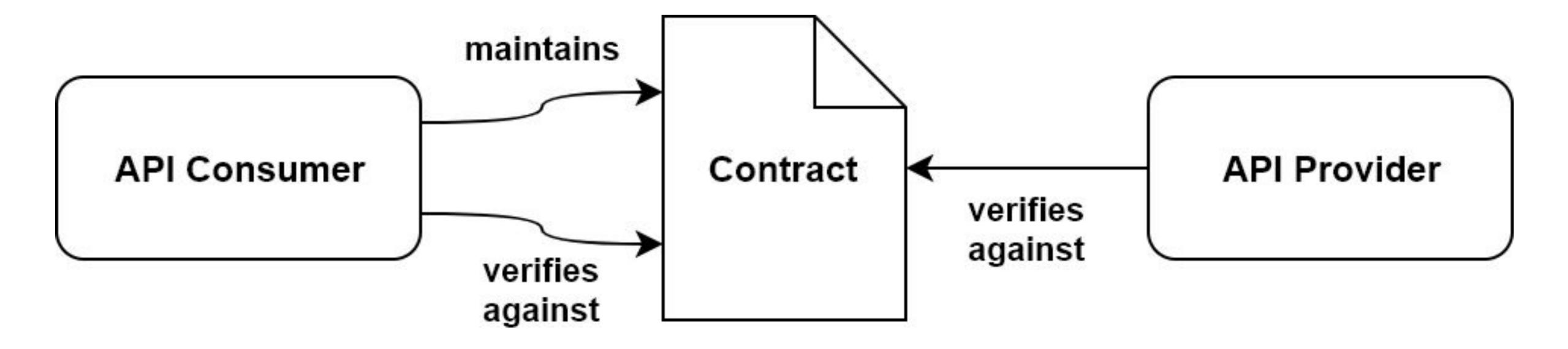


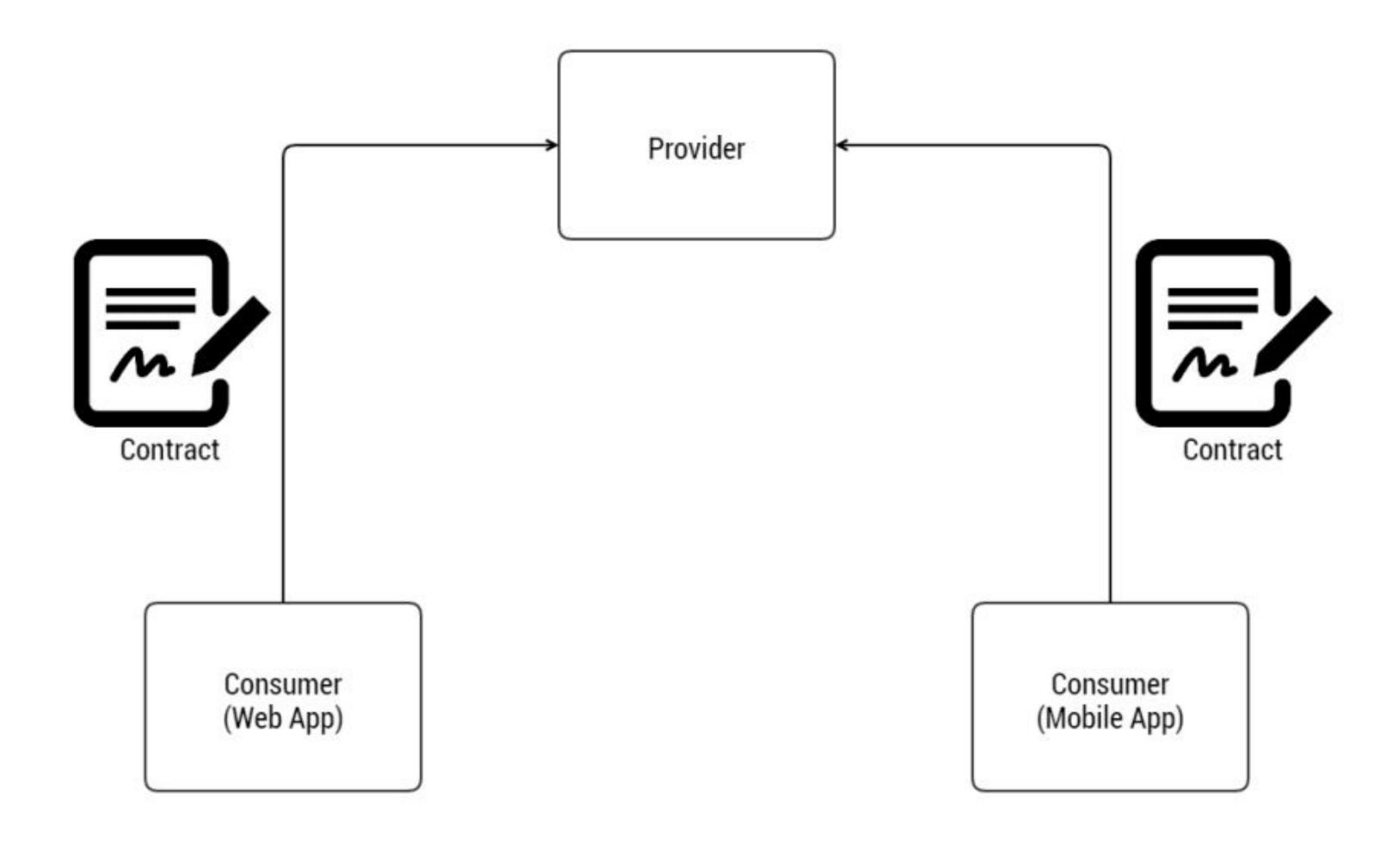


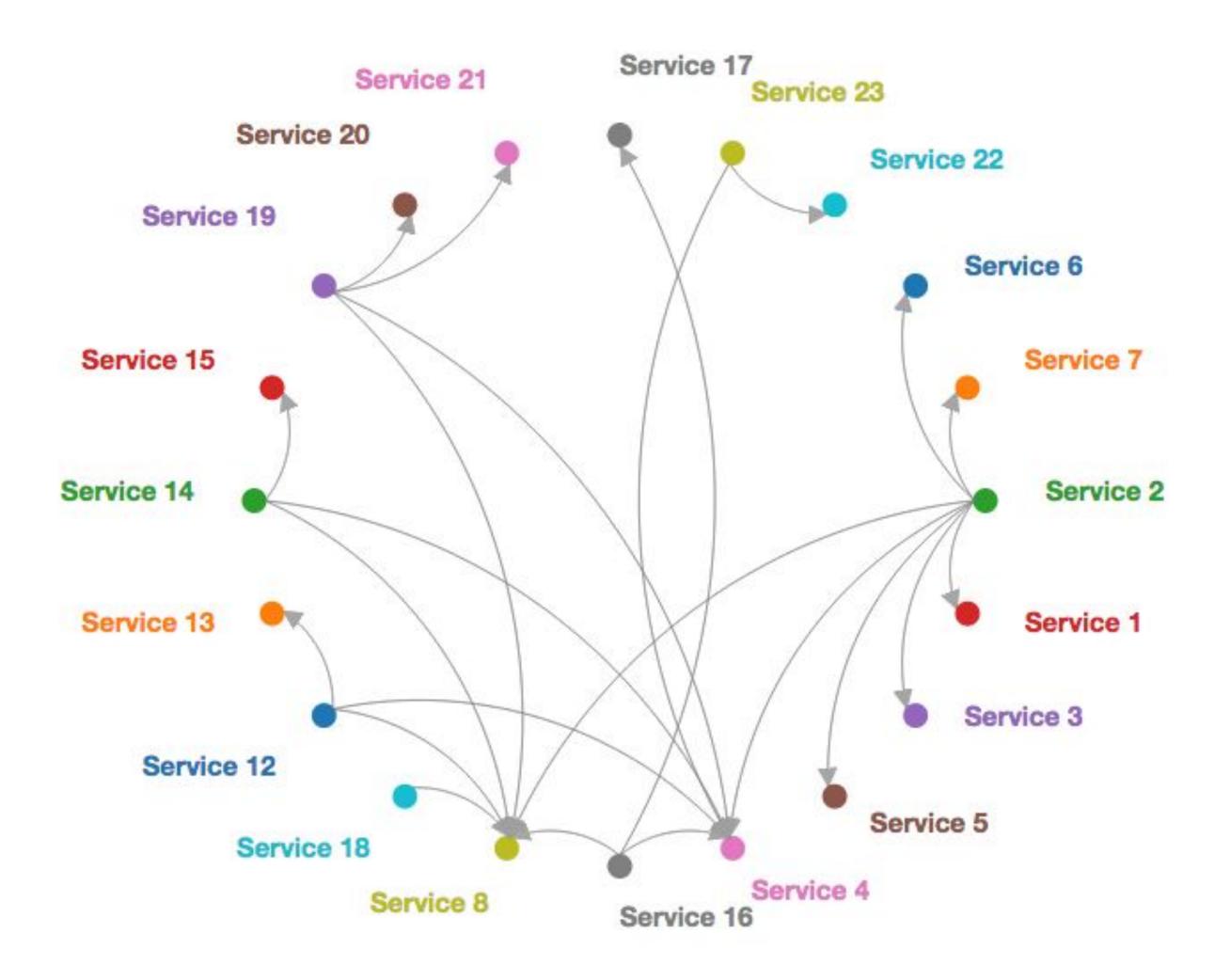
#### stem Context diagram for Internet Banking System

system context diagram for the Internet Banking System.
cspace last modified: Wed Feb 05 2020 09:33:36 GMT+0100 (Central European Standard Time)

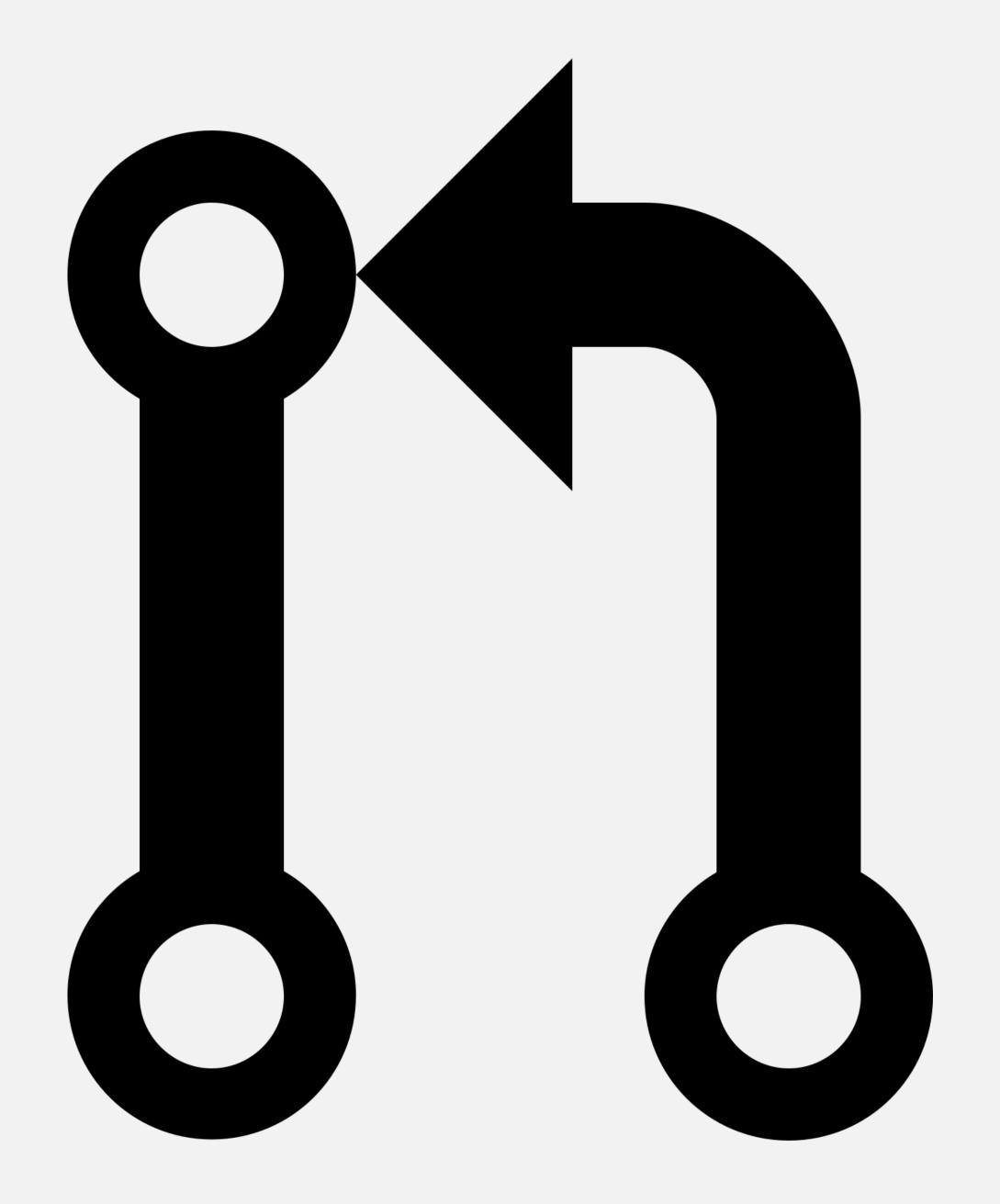
Contract is **shared** amongst teams to enable collaboration, using tools like Pactflow Requests in contract **replayed** against provider API and **verified** Required interactions are captured into a **contract** against consumer(s) expectations between systems Contract Provider Consumer Unit Unit Consumer **unit tests** Provider tests mock out its behaviour against any other systems, so it can be **tested in isolation** provider mock







Demo



## Thank You