

**CDC Architecture Diagram Document**

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|  | **Name** | **Date** |
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Swagger codegen

stub.jar

Snippets (contracts, stub)

Model

REST Endpoint

**Use Case 1: Provider and Consumer are using StubRunner Framework**

**Producer:**

Model

Services

Client

Restdocs, springcloudcontract, springboot

Junit

Upload/deploy

**Consumer:**

Consumer demo

Demo controller

JSON request

(Mock) Request

JSON Response

(Mock) Response

**Use Case 2: Provider and Consumer are using PACT framework**

Consumer demo

PACT

Swagger codegen

(Interactions, PACT)

Junit

Model

REST Endpoint

**Producer:**

Model

Services

Client

Upload/deploy

PACT (Contract)

**Consumer:**

Consumer class

JSON Request

(Mock) requestuest

(Mock) response

JSON Response

Interactions

JSON request

Mock provider

Consumer Client

JSON response

**Use Case 3: Java Microservices Provider and Angular Consumer Using PACT**

Model & Services

Swagger Codegen

Contract (file provided by producer)

PACT

Request

Karma test cases (TC’s)

response

Interactions

Producer test cases

PACT Interactions

PACT Broker