

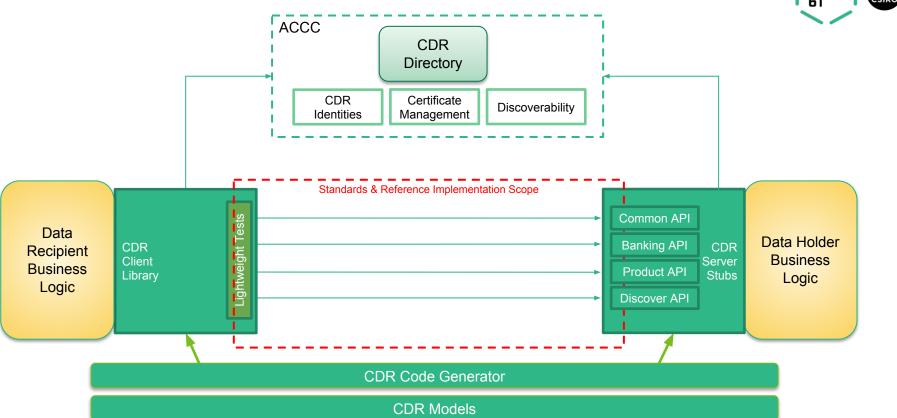
Engineering Team Update

March 2019



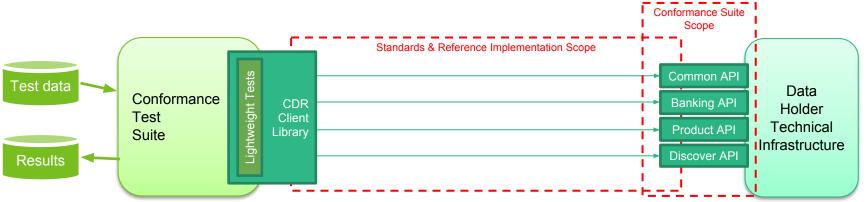
Reference Implementation Context





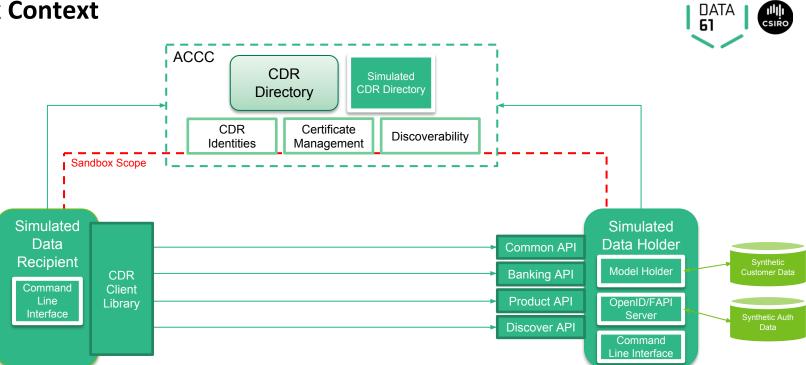
Conformance Test Suite Context





- Java based container with a Test Harness
- Validates the Standards API Model with Unit Testing during packaging
- Extends on Lightweight Tests to be included in the Java Reference Implementation
- Focused on validating Data Holders utilising Data Recipient client library
- Accepts "intended state" test data and provides results in a parseable format

Sandbox Context



Sprint #0 Closed



- 1. 10 Sprint Goals defined
- 2. Initial task definition for Sprint #1 -> #3
- 3. Fei started + knowledge transfer
- 4. First two feedback requests drafted
- 5. Sprint closure update sent and published

Sprint Goals (as published)

Sprint #	Goals	Key Deliverables	Start Date	Status
Sprint #0	Initial Planning	Creation of high level deliverable focused issues regarding Engineering Workshop Content Initial planning of technical backlog items within the relevant GitHub repositories (notably cds-models and cds-codegen) Definition of Deliverables for Sprint #1, #2, #3 High Level definition of goals through to Sprint #10	11 March 2019	Completed
Sprint #1	Baseline and Quick Win	General: Model Recursion Setup Product API: "Quick Win" Client and Stubs Product API: Swagger -> Model Instantiation	25 March 2019	Started
Sprint #2	Instant Product API	Authless cds-codegen Java Client with CLI Authless cds-codegen Java Server with Payload Initial Payload Conformance	08 April 2019	Planning
Sprint #3	Authentication and Authorisation Customer Enablement	Customer API Model Definition OpenID/FAPI Server Stub Generation OpenID/FAPI Client Generation	22 April 2019	Planning
Sprint #4	Admin Enablement Conformance Harness	Admin API Model Definition Conformance Harness for Test Execution Absorb OBIE FAPI Conformance	06 May 2019	Planning
Sprint #5	Accounts Enablement ACCC Directory		20 May 2019	Planning
Sprint #6	Transaction Enablement Conformance Round 1		03 June 2019	Planning
Sprint #7	Versioning Desktop Sandbox Bootstrap #1		17 June 2019	Planning
Sprint #8	Desktop Sandbox Bootstrap #2		01 July 2019	Planning
Sprint #9	Desktop Sandbox Showtime Conformance Round 2		15 July 2019	Planning
Sprint #10	Conformance Round 3		29 July 2019	Planning



Sprint #1 Started



- Workshop Feedback Items
- 2. Operationalising swagger definition
 - a. Models -> swagger-core wiring
 - b. Use swagger-codegen to regenerate swagger definition
 - c. Provide swagger diff related to missing definitions (attribute types, error codes, headers etc)
- 3. "Quick Win" with swagger-codegen
 - a. Jenkins based codegen to client/server libraries
 - b. Initial focus on Product API
- 4. Upgrade/Versioning/Release Management strategy

Stream Timeline



Engineering Stream Created

Stuart starts working for Data61



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Engineering Workshop #1

First Engineering Workshop conducted, >100 attendees. Identify need for more Fintech participation. Fei starts.



Reference Implementations MVP

Late May 2019

V1 API Reference Implementation All API Reference Implementation Client Lib & Server Stubs. Includes initial InfoSec profile. Conformance MVP

Start August 2019
End of 3 Rounds of Confo

End of 3 Rounds of Conformance building on Ref Impl and Sandbox MVPs

Dec Q1 2019 Q2 2019 Q2 2019

"What is success?"

Initial proposals for Reference Impl and Sandbox produced. Significant iteration, learnings from QFPL (validation-prototype) Product API MVP

Late April 2019
Product API MVP
Lightweight Reference Implementation
and Wired Server stubs (Alpha Sandbox)

Additional Resource

Mid April?
Additional Engineering Resource

Sandbox MVP

Start July 2019
V1 API Sandbox
All API Sandbox with Startup Harness



Finish

