

IATA NDC HACKATHON: CHALLENGE #5

NDC RECEIPT COLLECTOR

THE PROBLEM

**SBTS CAN'T BE THE SOURCE OF
TRUTH FOR AIR TRAVEL BOOKINGS**

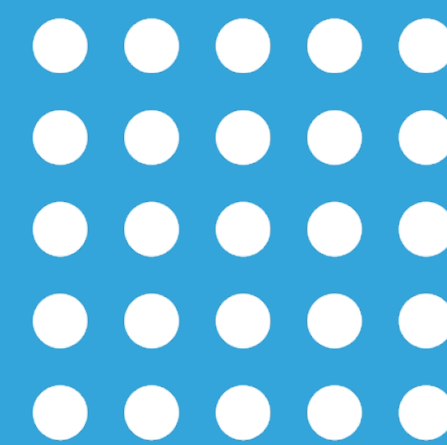
**UNBUNDLED AIRFARES +
MORE ANCILLARIES +
MORE RECONCILIATION =
FULL COST OF AIR TRAVEL**

THE SOLUTION

NDC

RECEIPT

COLLECTOR



A DATA JOES
SOLUTION

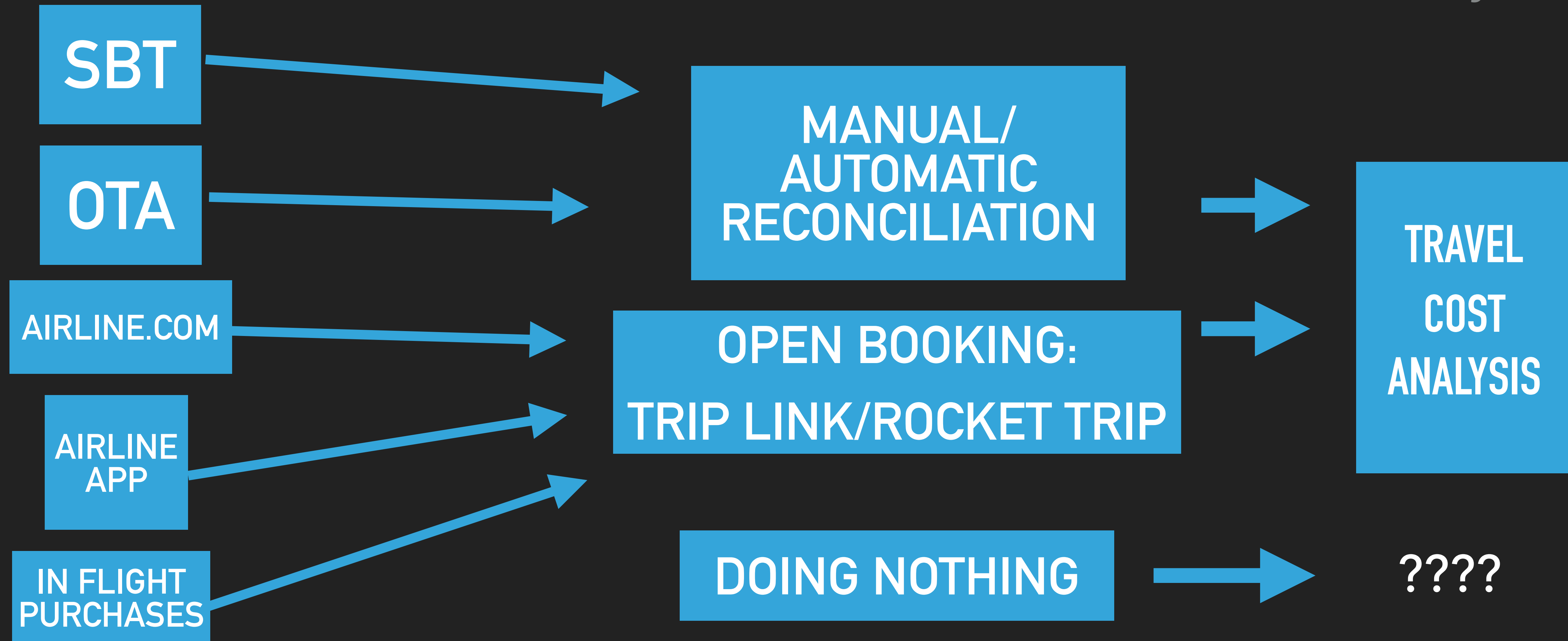
HOW IT WORKS

AIR TRAVEL RECONCILIATION TODAY

Points of Purchase

Data Aggregation

Analysis

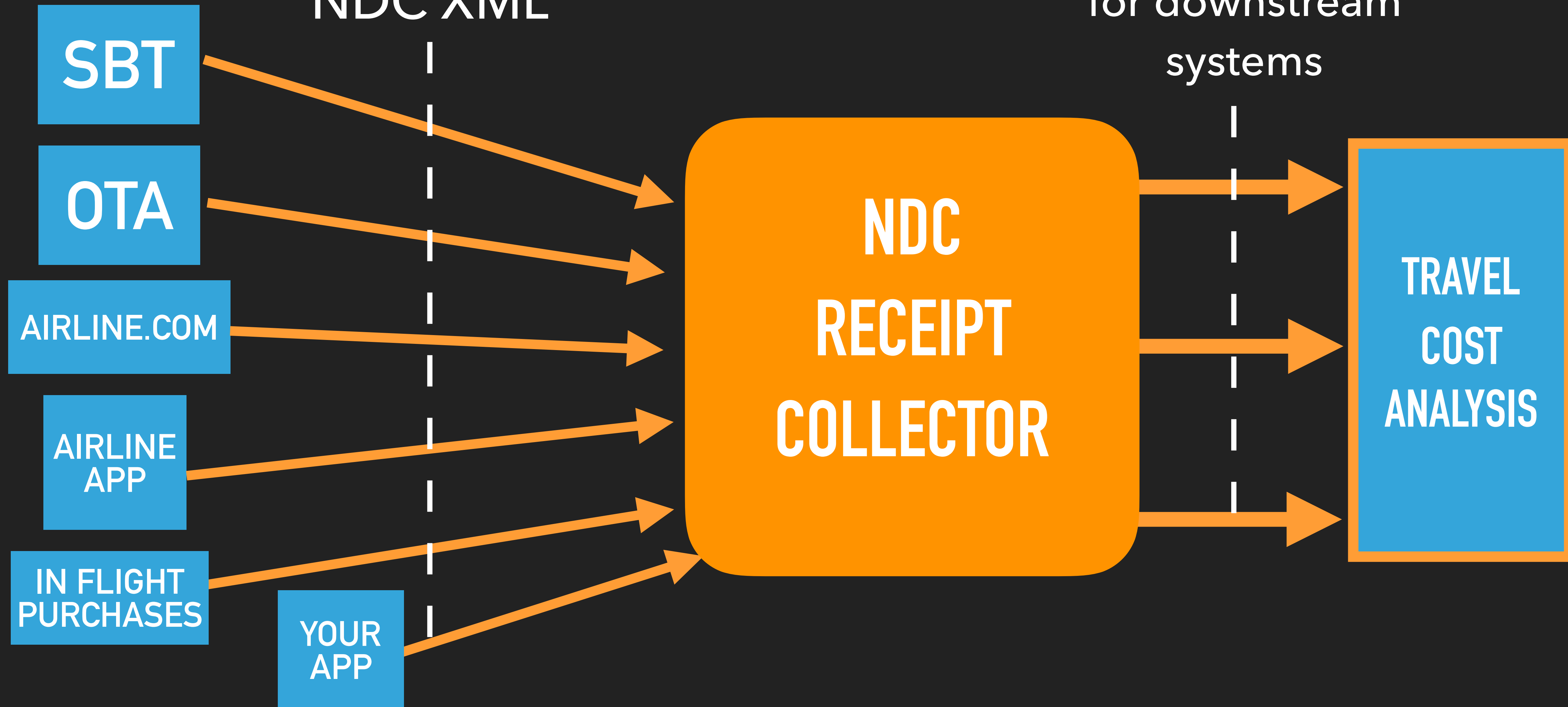


AIR TRAVEL RECONCILIATION TOMORROW

Points of Purchase

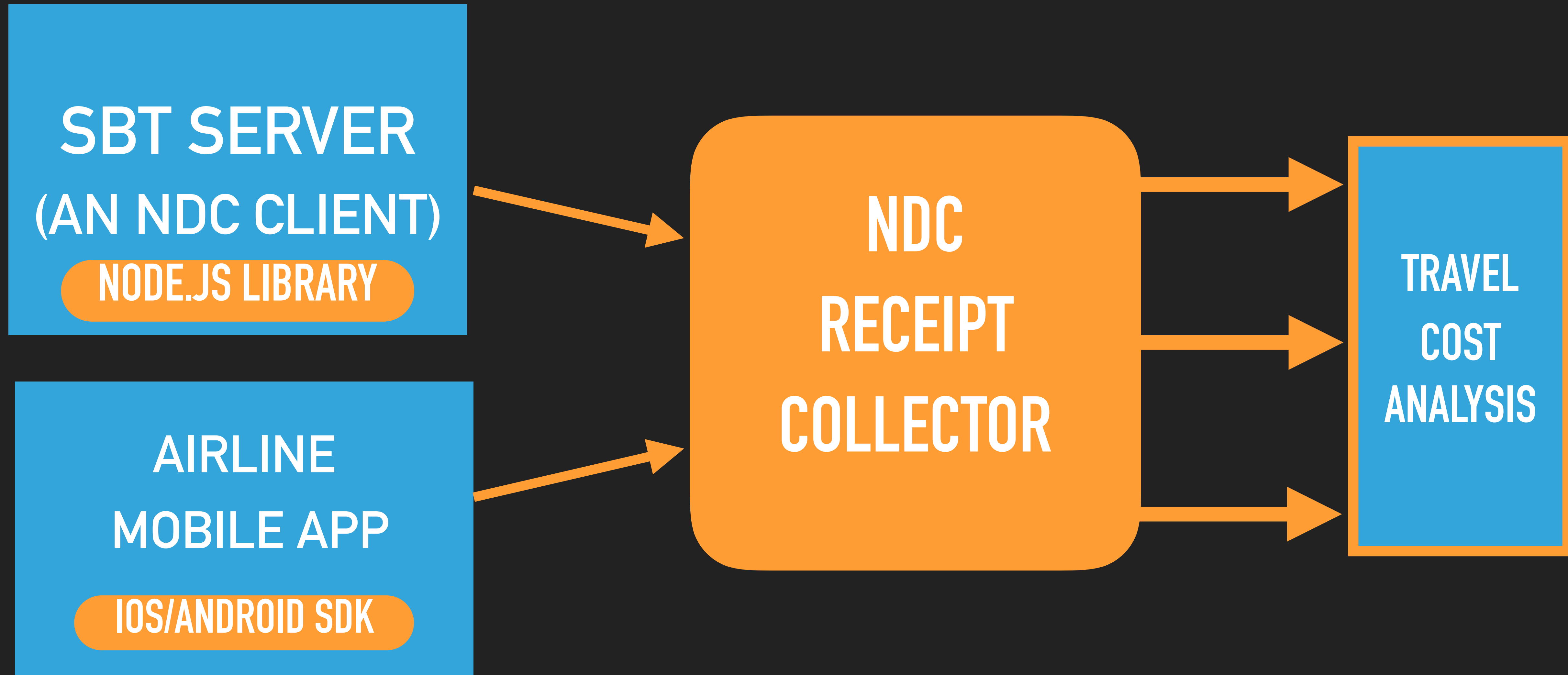
NDC XML

Standardized reports
for downstream
systems

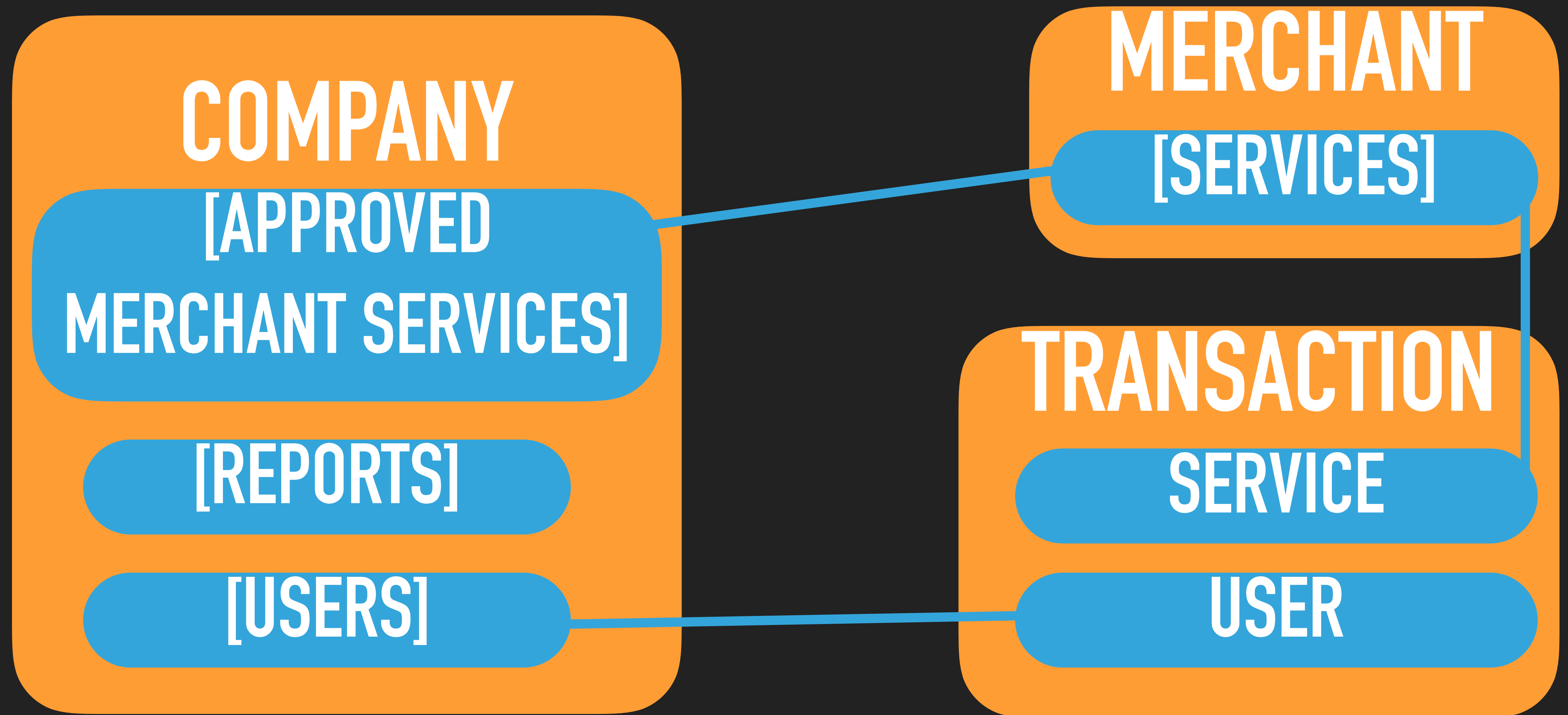


- 1. MERCHANT INTEGRATION**
- 2. COMPANY POLICY CONFIGURATION**
- 3. TRAVELER SIGNUP AND PURCHASES**

MERCHANT INTEGRATION EXAMPLES



NDCRC SYSTEM OVERVIEW







PRICING

CHOOSE YOUR COMPANY'S PLAN



ALL PAID PLANS COME WITH A 30 DAY FREE TRIAL!

1-19 USERS	20-79 USERS	80-499 USERS	500+ USERS
			
FREE FOREVER!	\$29.99/MONTH	\$399/MONTH	CONTACT US
<input checked="" type="checkbox"/> Select	<input checked="" type="checkbox"/> Select	<input checked="" type="checkbox"/> Select	<input checked="" type="checkbox"/> Select

WHO WINS?

1. TRAVEL MANAGERS

- POLICY INFORMATION AT THE SERVICE LEVEL IS PUSHED TO THE POINT OF PURCHASE FOR ALL BOOKING CHANNELS
- CATEGORIZATION OF ALL AIR TRAVEL COSTS, NO MATTER THE PAYMENT METHOD, WITH NO HUMAN ERROR

2. BUSINESS TRAVELERS

- A SIMPLIFIED CORPORATE AIR TRAVEL EXPERIENCE
- #NOMORERECEIPTS

3. TRAVEL MERCHANTS

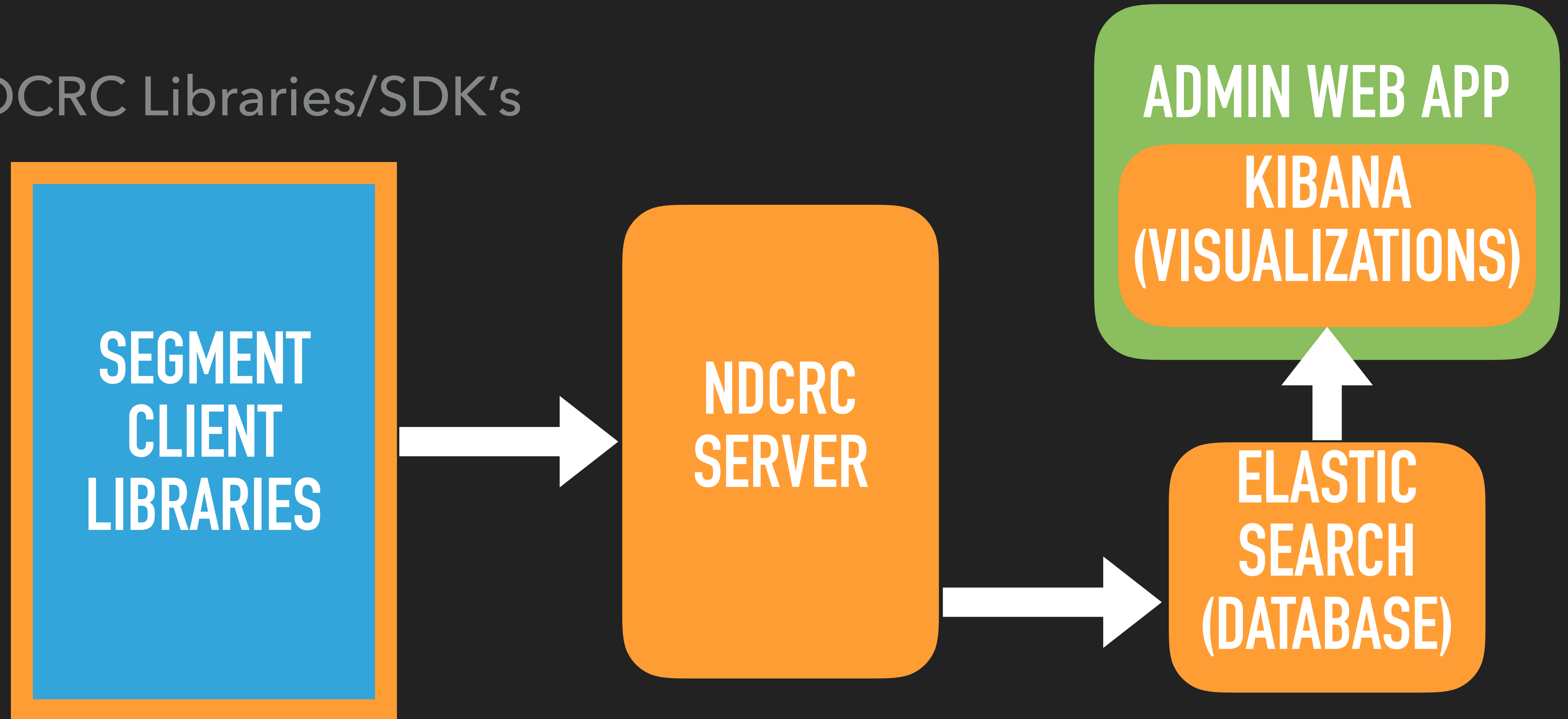
– A CLEAR PATH TO START **ADOPTING THE NDC STANDARD** WITHOUT THE COMPLEXITY OF BUILDING FULLY COMPLIANT NDC SYSTEMS*

***THIS CAN BE ACHIEVED BY WRITING A
SIMPLE WRAPPER TO TRANSLATE INTERNAL
TRANSACTION RECORDS (RECEIPTS) TO THE
NDC STANDARD FORMAT REQUIRED BY NDCRC**


BUILT THIS WEEKEND

DATA PIPELINE FROM MERCHANTS




NDCRC Libraries/SDK's




NDC-JS-SDK INTEGRATION

 This repository

[Pull requests](#) [Issues](#) [Gist](#)


 [iata-ndc](#) / [ndc-js-sdk](#)

[Watch](#) 12 [Star](#) 4 [Fork](#) 8

[Code](#) [Issues](#) 0 [Pull requests](#) 2 [Wiki](#) [Pulse](#) [Graphs](#)




add ndcrc-analytics example #5



Edit

[Open](#)  **geoff616** wants to merge 1 commit into `iata-ndc:master` from `geoff616:feature/ndc-receipt-collector`


[Conversation](#) 0 [Commits](#) 1 [Files changed](#) 4

Showing changes from **all commits** 4 changed files +53 -10 [Diff options](#)

39  index.js [View](#)  

	@@ -4,6 +4,7 @@ var fs = require('fs');	
4	var util = require('util');	4 var util = require('util');
5	var request = require('request');	5 var request = require('request');
6	var debug = require('./lib/debug');	6 var debug = require('./lib/debug');
		7 +var ndcrc = require('./lib/ndcrc-analytics');
7	var easyxml = new(require('easyxml'))({	8 var easyxml = new(require('easyxml'))({
8	filterNulls: true,	9 filterNulls: true,
9	unwrappedArrays: true,	10 unwrappedArrays: true,
	@@ -19,25 +20,27 @@ var version = require('./package.json').version;	
19	var NDC = function (config) {	20 var NDC = function (config) {
20	var ndc = this;	21 var ndc = this;
21	ndc.config = config;	22 ndc.config = config;
22	- ndc.version = '1.1.5';	23 + ndc.version = '15.2';
23	// Ignore where to get these from	24 // Ignore where to get these from
24	ndc.transactionID = 'TRN12345';	25 ndc.transactionID = 'TRN12345';
25		26

NDC-RUBY-SDK INTEGRATION






This repository

Search

Pull requests

Issues

Gist



iata-ndc / ndc-ruby-sdk

Watch 7

Star 3

Fork 2

Code

Issues 1

Pull requests 1

Wiki

Pulse

Graphs

add ndcrc-analytics example #14

Edit

Open

geoff616 wants to merge 1 commit into iata-ndc:master from unknown repository

Conversation 0

Commits 1

Files changed 2

Showing changes from all commits 2 changed files

+27 -0

Diff options

1 Gemfile

View

@@ -4,6 +4,7 @@ source 'https://rubygems.org'

4 # Github

5 gem "nori", :git => 'https://github.com/xurde/nori'

6

7

8 group :test, :development do

9 gem 'rake'

10

4 # Github

5 gem "nori", :git => 'https://github.com/xurde/nori'

6

7 +gem 'analytics-ruby', '~> 2.0.0', :require => 'segment/analytics'

8

9 group :test, :development do

10 gem 'rake'

26 lib/ndc-client/base.rb

View

... @@ -1,4 +1,15 @@

1 module NDCCClient

1 module NDCCClient

2 + require 'segment/analytics'

LIVE LINKS

[Demo Site](#)

[Admin Section](#)

[GitHub Repo](#)

NDCRC ADVANTAGES

- DIRECT INTEGRATION W/ MERCHANTS
- SIMPLIFIED NDC IMPLEMENTATION
- PUSH POLICY DATA TO MERCHANTS

TO BE BUILT

- ADDITIONAL ADMIN FUNCTIONALITY
- PUSHING TRAVEL POLICY TO MERCHANTS
- SECURITY + PCI COMPLIANCE

THE TEAM



Present and sleepy

Fullstack Engineer, Partner @ Data Joes



Did not participate in this stage; currently stuck in America*

Measurement Consultant, Partner @ Data Joes

*Until we win plane tickets!

NEXT STEPS



- IDENTIFY PARTNERSHIP OPPORTUNITIES WITH SBT'S AND OTHER CORPORATE TRAVEL PURCHASE POINTS
- USE THE PRIZE MONEY TO INCUBATE NDCRC WITHIN DATA JOES AND COMPLETE DEVELOPMENT OF THE PLATFORM