

Code Sprint for Impact

Open Referral Team

A decorative graphic in the bottom right corner consisting of two parallel diagonal stripes. The outer stripe is teal and the inner stripe is light gray. They both run from the bottom left towards the top right, with the teal stripe being slightly above and to the right of the gray stripe.

Projects Defined

- 1) Create federated shelter data using IRMA registries (scraped data)
 - a) Dedup and Merge ETL Utility

Challenges - Sources use varied formats, no common identifier, data is dirty

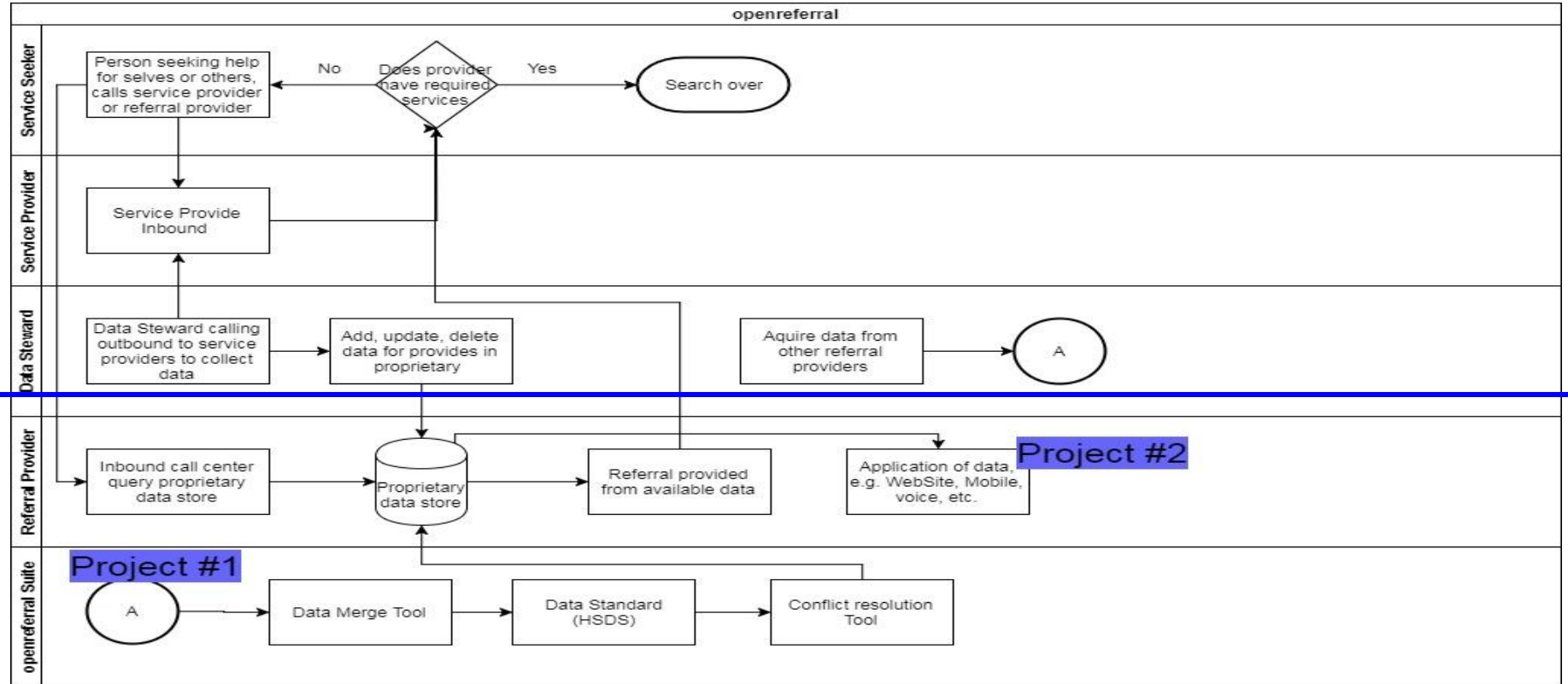
- b) Conflict Resolution Tool - HSDS DataSteward

Challenges - Workflow not defined, many use cases

- 2) Redeploy current search utility to leverage the current API

Challenges - Written in RUBY, API is tightly coupled with front-end

Open Referral Value Chain



Hurricane IRMA Referrals Providers

Call for help: 2-1-1
Text for help: 52886

Switchboard 2-1-1, Online HELP Pages
Resource Directory maintained by JCSFL

Search by Shelter, Address, County, or Needs (e.g. baby formula)

Accepting People (549)

Hialeah Senior High School

Hialeah Senior High School

305-468-5900

251 East 47th Street, Hialeah, FL, United States, Hialeah Miami-Dade County

Submit a Status Update

Updated: 09/09/2017 5:29 AM
Accepting People? Yes
Pets Allowed? No
Special Needs: Unavailable

Switchboard 2-1-1, Online HELP Pages
Resource Directory maintained by JCSFL

Start a new search.

Viewing 1-10 of 115 results.

THE SHELTER FOR ABUSED WOMEN & CHILDREN - EMERGENCY SHELTER

Provides a fully accessible, extremely high security emergency shelter with an animal kennel. [Read more.](#)

P.O. Box 10102
Naples, FL 34101
(239) 775-3862

CAMILLUS HOUSE - SHELTER AND DIRECT SERVICES

Emergency Housing: Temporary housing provided for a period of up to 90 days, depending upon the program and the needs of the client. [Read more.](#)

1603 NW 7th Avenue
Miami, FL 33136
(305) 374-1065 x429

DOMESTIC ABUSE SHELTER OF THE FLORIDA KEYS, INC.

The Domestic Abuse Shelter is the only certified Domestic Violence Center and emergency shelter in Monroe County that provides refuge for victims of domestic violence and their children. [Read more.](#)

PO Box 522696
Marathon Shores, FL 33052
(305) 743-4440

FLORIDA KEYS CHILDREN'S SHELTER - RESIDENTIAL SERVICES

ArcGIS REST Services Directory

Home > services > NSS > FEMA_NSS (MapServer)

JSON | SOAP

NSS/FEMA_NSS (MapServer)

View In: [ArcGIS JavaScript](#) [ArcGIS Online map viewer](#) [Gog](#)

View Footprint In: [ArcGIS Online map viewer](#)

Service Description: FEMA National Shelter System

Map Name: Layers

Legend

All Layers and Tables

Dynamic Legend

Dynamic All Layers

Layers:

- Open Shelters (0)
- Closed Shelters (1)
- Full Shelters (2)
- Alert Shelters (3)
- Total Population (4)
- Shelter Locations (5)
- Shelter Population Types (6)
- Shelter Wheelchair Accessible (7)
- Shelter ADA Compliant (8)
- Generator Onsite (9)
- Evacuation Type Code (10)
- Post Impact Capacity (11)
- Evacuation Capacity (12)
- Pet Accommodations (13)
- Shelter in 100-yr Floodplain (14)
- Shelter in 500-yr Floodplain (15)
- Shelter in SLOSH Surge Area (16)

Description:

Copyright Text: FEMA, Mass Care, American Red Cross

Spatial Reference: 4326 (4326)

FloridaDisaster
Florida Division of Emergency Management

Public | Business | EM Community | Organization | News Media | Kids

Prepare and Stay Aware!

Open Shelters

This page contains summary information for currently open general and special needs shelters within the State of Florida.

For information from your county Emergency Management program regarding shelter preparedness and lists of potential shelters that may be opened, please visit [Shelter Information Index](#), and choose your county.

[View Shelters](#) on a map

State Summary:	Total Shelters: 66	Total Population: 5557
State Special Needs Summary:	Total Shelters: 31	Total Population: 1911
Shelter Name	Address	City
ALACHUA		
Special Needs	Martin Luther King Jr Rec Center	1028 NE 14th St, GAINESVILLE, FL 32601
		Total Number of Open Shelters: 1
BAKER		
Special Needs	Ed Fraser Hospital Special Needs	159 N 3rd St MacClenny, MACCLENNY, FL 32063
		Total Number of Open Shelters: 1
BRADFORD		
Special Needs	Camp Keystone	6581 SE 9th avenue, STARKE, FL 32091
		Total Number of Open Shelters: 1
BREVARD		
Special Needs	Max Rodas Community Center - Special Needs	2410 W Flanagan Ave, W MELBOURNE, FL 32904
General	Viera Regional Park Community Center	2300 Judge Finn Jamieson Way, MELBOURNE, FL 32940
		Total Number of Open Shelters: 2
BROWARD		
General	First Baptist FTL	301 E Broward Blvd, FORT LAUDERDALE, FL 33301
		Total Number of Open Shelters: 1
CHARLOTTE		
Special Needs	Department of Health Warehouse	1100 Loveland Boulevard, PORT CHARLOTTE, FL 33980
		Total Number of Open Shelters: 1
CITRUS		

IrmaShelters.org
(volunteers)

Miami 2-1-1
(official provider)

FEMA Shelters
(federal gov)

Red Cross
(official responders)

Demo Federate Registry- Source file mapping

Source file for project in proprietary formats, needed to be conformed to HSDS standard

Source Files From...

IRMA	last_updated	supply_needs	updated_at	county	updatedAt	id	city
FEMA	STATUS	GENERAL_POPULATION	ORG_POC_AFTER_HOURS_PHONE	PET_ACCOMMODATIONS_CODE	FACILITY_TYPE	COUNTY_PARISH	FIPS_CODE

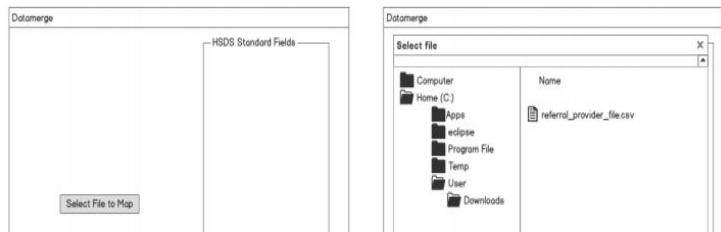
Source files Conformed

FLATTENED HSDS	id	source	organization_id	organization_name	...	service_name	service_alternate_name
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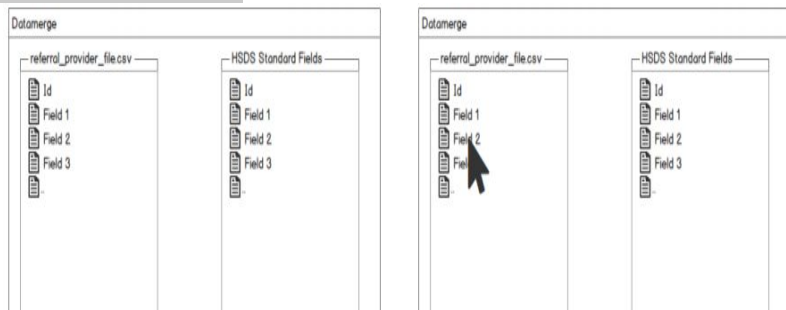
Demo Federate Registry - Merge & Dedup

Mock-up Data Merge Tool

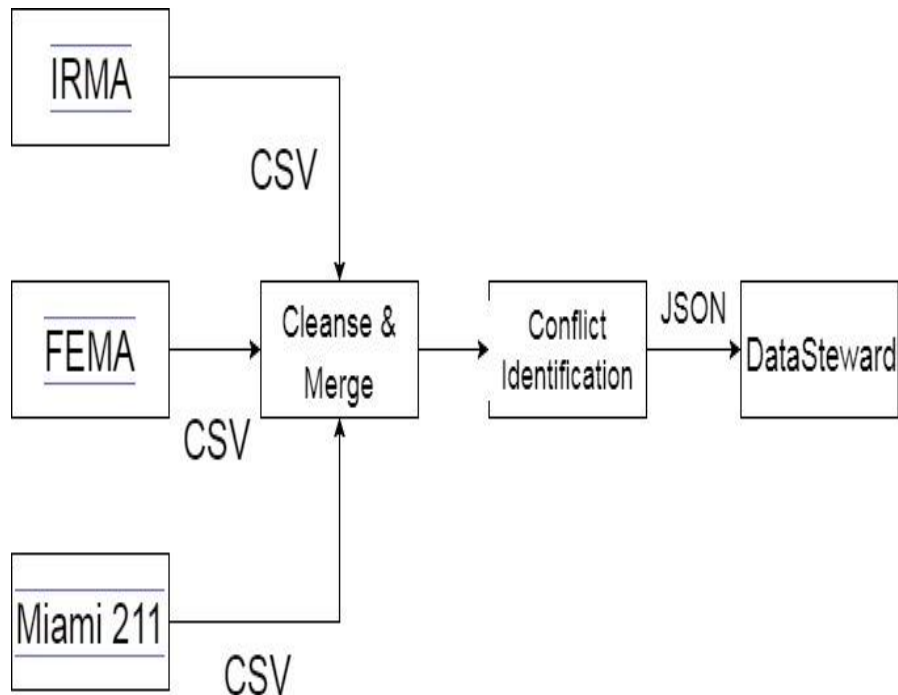
Select File



Map to HSDS



Hurricane IRMA Sources



Demo Federate Registry - DataSteward Gateway

OpenReferral Steward Gateway API

APIs for Openreferral Repository Management

Created by Greg Bloom

See more at <https://openreferral.readthedocs.io/en/latest/credits/>

[Contact the developer](#)

[License Version and Governance](#)

data-guard-service : Operations pertaining to Data Steward Gateway

Show/Hide | List Operations | Expand Operations

PUT	/dataguard/api/archiveEntity/{id}/{sourceId}	Archive an entity after resolving any conflicts for an entity
GET	/dataguard/api/conflicts	View a list of available conflicts
GET	/dataguard/api/conflicts/{id}	View a details of available conflicts for an entity
PUT	/dataguard/api/decreaseConfidence/{id}/{sourceId}	Decrease Confidence Approval
PUT	/dataguard/api/increaseConfidence/{id}/{sourceId}	Increase Confidence Approval
POST	/dataguard/api/notifyContactsByEmail/{id}	Notify to Contacts all the sources part of conflicts list
POST	/dataguard/api/notifyOrgsByEmail/{id}	Notify to orgs all the sources part of conflicts list
PUT	/dataguard/api/updateEntity/{id}/{sourceId}	Create new or Update an entity after resolving any conflicts for an entity

Demo Federate Registry - DataSteward UI

Conflicts presented in cards

Open Referral- Data Guard

- IRMA-First Responders
- Location-Florida-Miami

IRMA-Source-FEAM.hsd

IRMA-Source-FEAM.hsd



IRMA-Source-RedPlus.hsd

IRMA-Source-RedPlus.hsd



Cards expand to display details to resolve

Open Referral- Data Guard

- IRMA-First Responders
- Location-Florida-Miami

IRMA-Source-FEAM.hsd

IRMA-Source-FEAM.hsd

IRMA-Source-FEAM.hsd[1]

id
26F0E94A-66C8-43D2-9171-B0E

name
Second Organization

alternate_name
Second Organization

IRMA-Source-RedPlus.hsd

IRMA-Source-RedPlus.hsd



Demo Data Application

