

Steps:

- > Needs to collect demographic traits on Jo Smith
- > Call Person ID Service passing traits to determine Jo's *Identity Number*
- > Will display the identity number to user for validation



Person ID Service Interface

Interface:

FindPersonWithTraits (in: Trait Set), returns: list of <identifier, confidence metric>

Description:

This is the entry point for Person ID Service. It elaborates the behaviors offered by the service and the interface parameters.

Responsibilities

- > Person Service Interface accepts incoming information
- > Provides cursory validation of input parameters (syntax)
- > Passes control to the Person Service implementation

Interface:

```
DemographicRecord  
    getDemographics(DemographicQuery)  
void updateDemographic(DemographicRecord)
```

Description:

This contains the business logic implementing the Person ID Service. Any data storage/access requests would originate from this component.



RHIO Federated ID Service Interface

Capabilities:

findGlobalIdentifier (in: *localIdentityValue*): returns: *globalIdentity*
retrieveCorrespondingPersonIds (in: *personId*):
returns: list of *<local domain name, domain unique identifier>*

Description:

This service has responsibility to correlate identities across organizations doing business together. It creates a master identity for each known individual and relates the identity for each person to their identity as known in each participating organization. Functions include the ability to inquire on identities based upon identified traits, to associate (or disassociate) identities with a master identity, and to retire identities.

Responsibility:

- > RHIO Federated ID Interface accepts incoming information
- > Provides cursory validation of input parameters (syntax)
- > Passes control to the Federated ID Service implementation



RHIO Federated ID Service Implementation

Capabilities:

findGlobalIdentifier (in: localIdentityValue): returns: globalIdentity
retrieveCorrespondingPersonIds (in: personId):
returns: list of <local domain name, domain unique identifier>

Description:

Implements the business logic of the Federated ID Service

Responsibilities:

findGlobalIdentifier accepts as input a locality-specific identifier and returns the associated global identity associated with that identifier.

retrieveCorrespondingPersonIds will lookup based upon a provided global identifier all of the associated local identifiers (and designated locality names) related to that global identity