



A Meaningful Use
Clinical Quality Measure Reporting
Reference Implementation



The Office of the National Coordinator for
Health Information Technology



MITRE

A not-for-profit organization
chartered to work in the public interest



An Open Source, Reference Implementation, Clinical Quality Measure Reporting Tool

- Empowers healthcare providers to perform Meaningful Use Clinical Quality Measure reporting
- Promotes easier submission of Clinical Quality Measure to public health organizations

Key Features

- A healthcare provider-friendly user interface
- **Includes support for all 44 of Meaningful Use Stage 1 Outpatient Clinical Quality Measures**
- Integrates with Electronic Health Record systems via nationally recognized data standards



Leverages Standards-Based Data Inputs

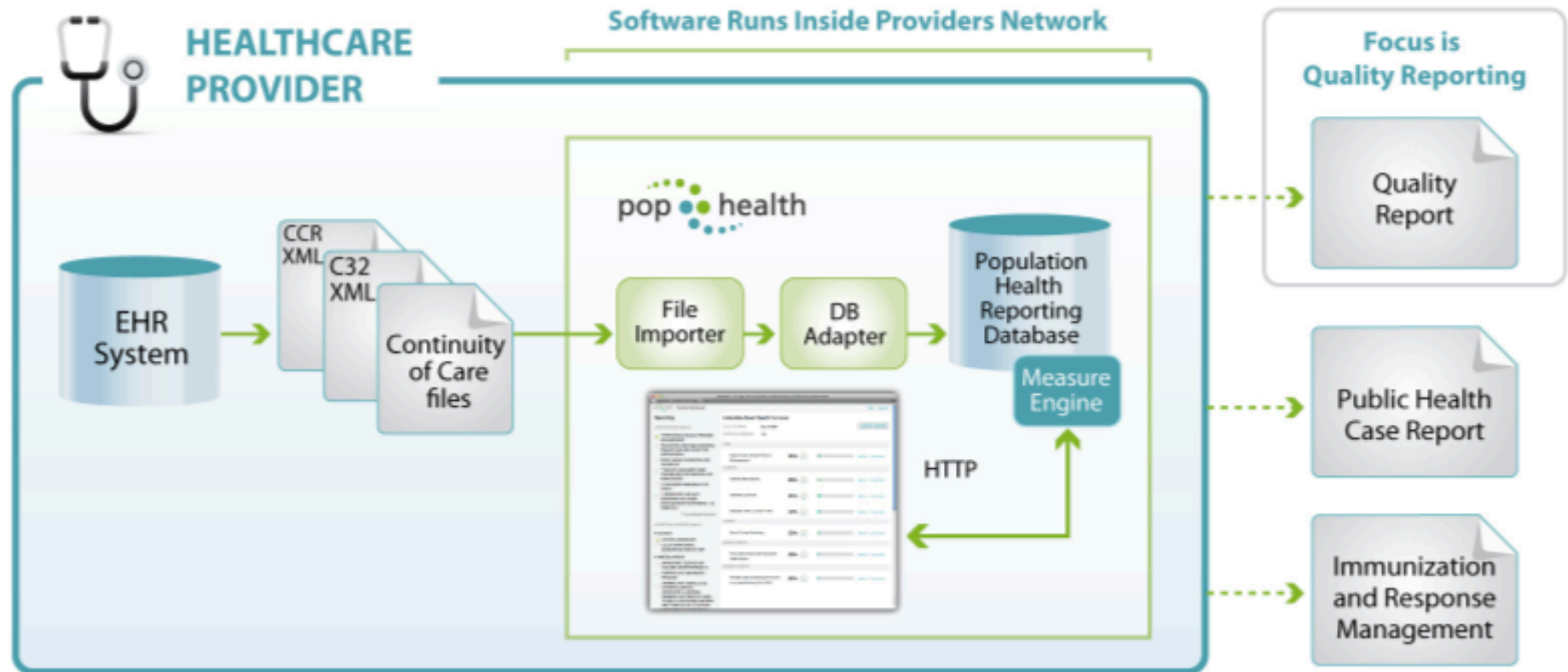
- Integrates with certified EHR continuity of care data standards for patient inputs
 - HITSP C32 XML
 - ASTM CCR XML

Deployed within a Healthcare Provider's Firewall

Identifiable Patient Data Remains in the Provider's Practice

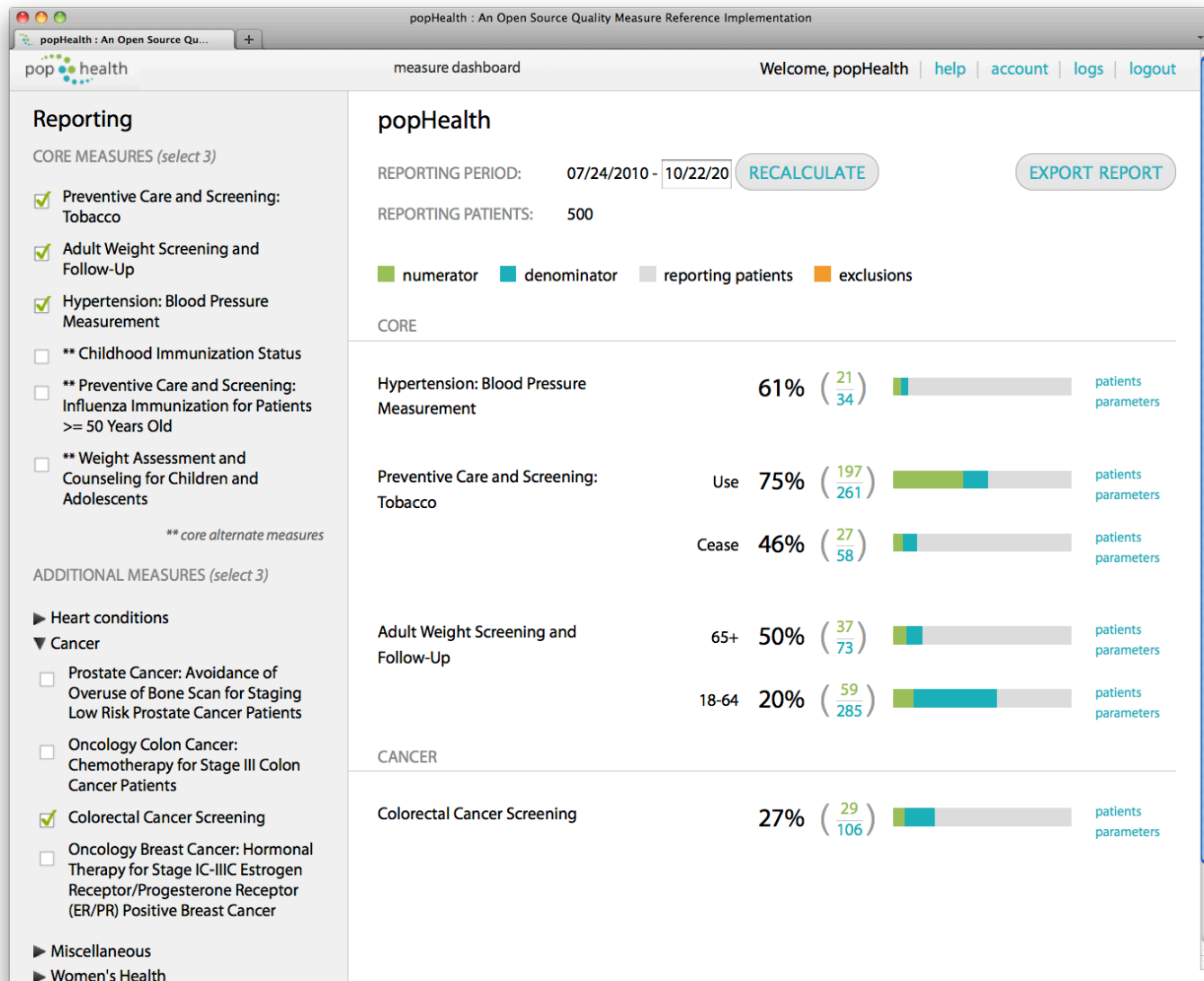
- Addresses security and privacy issues

pop health Concept of Operations

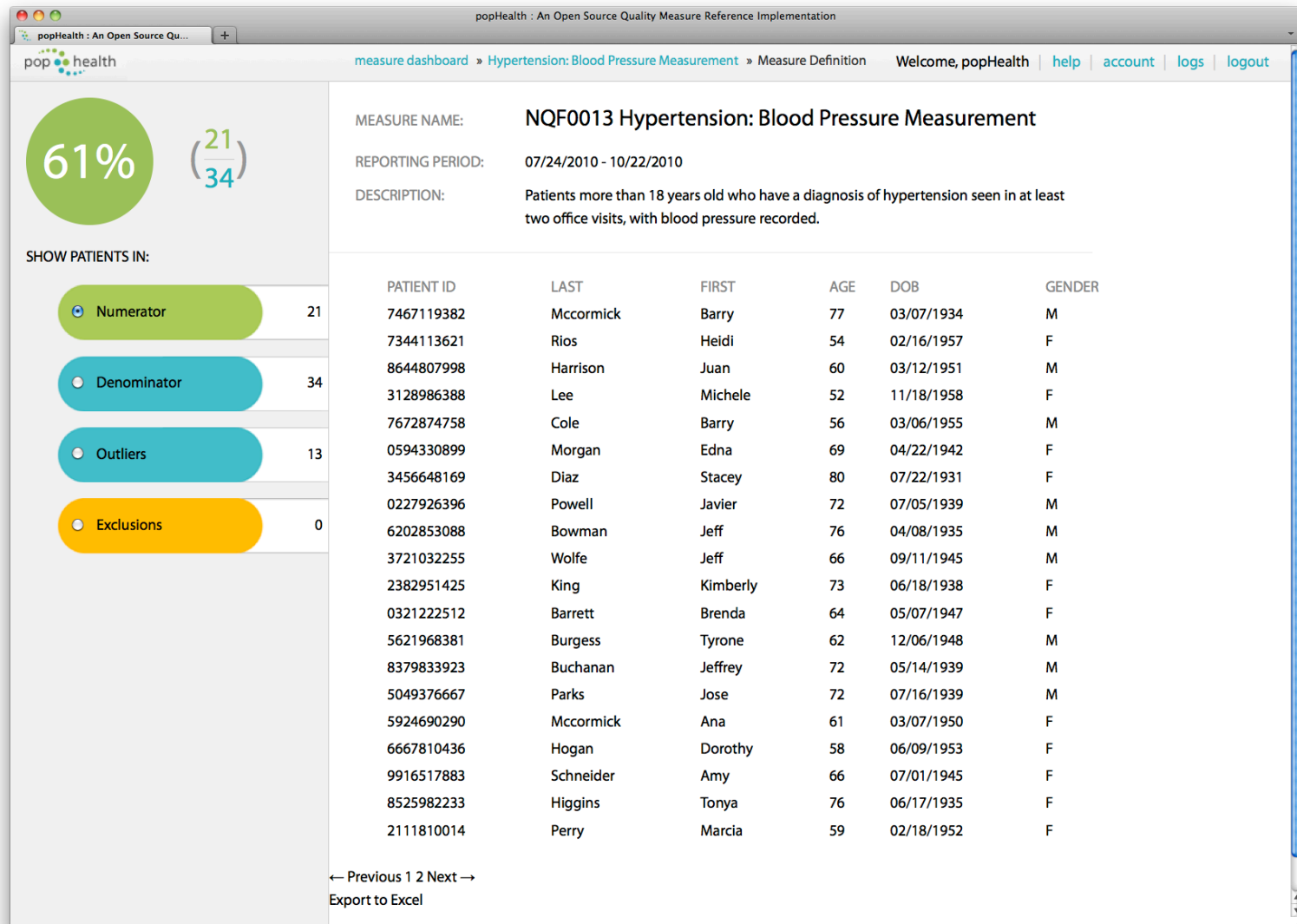


Demo

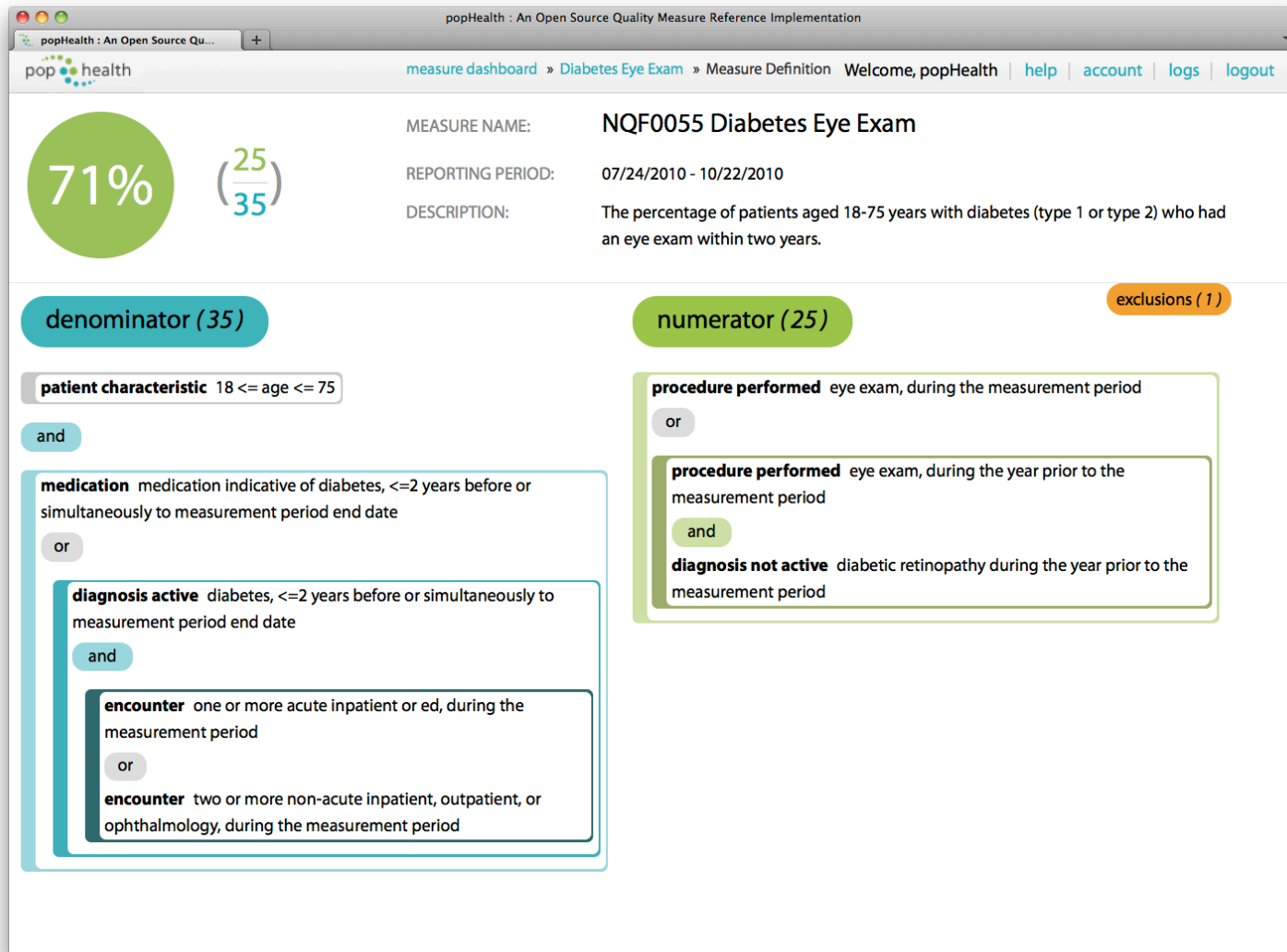
pop health Healthcare Provider Dashboard



pop health Patient List



pop health Quality Measure Definition



The logo for 'pop health' features the word 'pop' in a dark grey sans-serif font, followed by a cluster of five colored dots (green, blue, and grey) of varying sizes, and then the word 'health' in a dark grey sans-serif font. The words 'and Open Source' are positioned to the right of the dots in a dark grey sans-serif font.

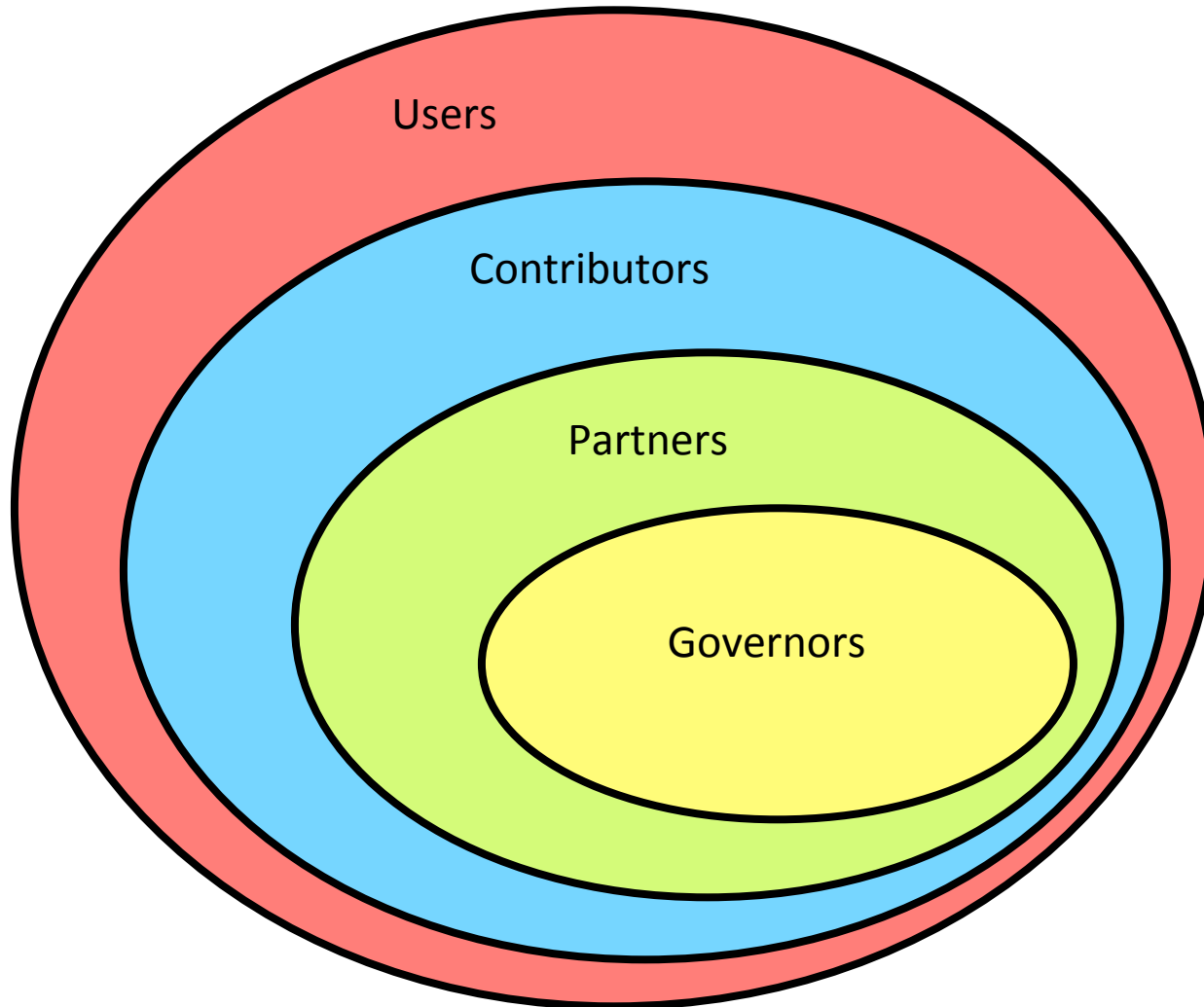
pop health and Open Source

An Open Project

- Freely available via an Apache 2.0 Open Source software distribution license
- Allows EHR vendors to better understand the intention and interpretation of the Meaningful Use Clinical Quality Measures, as well as integrate the popHealth software with commercial products

Benefits of Open Source

- **Creativity** – Stimulates design and programming innovation
- **Transparency** – Allows access and freedom to view, inspect, modify and re-distribute open source work
- **Auditability** – Provides accessibility to inspect and scrutinize the underlying source code for the popHealth software
- **Lower Cost** – Lowers financial costs normally associated with software development



Governors

- Leaders on deciding activities the project
- Moderates announcement list and forums
- Resolves conflicts on commit disputes
- Administers the email list memberships and messages

Partners

- Granted direct commit access to repository
- Included in popHealth weekly teleconference meetings
- Invited to quarterly face-to-face status meetings led by governors
- Can respond to feedback emails

Contributors

- Posts patch files to either bugs or features under the popHealth Apache 2.0 open source distribution license
- May be invited to dial into weekly popHealth teleconference meetings
- Can claim, on their own, to be a popHealth contributor if patch is accepted

Users

- Free to download, use and modify the popHealth software
- Inputs to forums, announcements welcome
- Governors, and partners will engage on questions users may have about popHealth

The logo for 'pop health' features the word 'pop' in a dark grey sans-serif font, followed by a cluster of seven circles in shades of green and blue, and then the word 'health' in the same dark grey font.

pop health Additional Information

Open source project website <http://projectpophealth.org>

Email us via talk@projectpophealth.org

Planned to be featured at [HIMSS 2012 Interoperability Showcase](#)