GNU Health Federation Roadmap

The GNU Health Federation ecosystem roadmap
Dr. Luis Falcon, M.D.
GNU Health Ecosystem
GNU Health ecosystem

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Dr. Luis Falcon, M.D.
Hospital and Laboratory Management
HMIS and LIMS Server

**Server**: Based on Tryton 5.0 (LTS)

**GTK Client**: Based on Tryton 5.2

Currently health **45 packages**

**Development focus**

- Oral health / Dentistry package
- Canvas plugin (surgery, forensics, ...)
- Enhance Interoperability (FHIR, IHE, analyzers...)
- Optimize ergonomics / usability
- Greater integration with the Federation HIS
- Packaging (by the GNU/Linux & BSD distributions)
GNU Health Localization

i18n
### Localization (i18n)

Currently Pootle

**Focus:**

- Localization teams
- Merge languages
- Optimize version management
- Improve GH Control center

* Download versions

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**GNU Solidario: Translation Server**

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<th>Language</th>
<th>Progress</th>
<th>Last Activity</th>
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The GNU Health Federation
Thalamus is the GH Federation Message and Authentication Server

Focus on

Endpoints for epidemiology / analytics
Include more resources
Strengthen security
GH Federation Portal

Developed on Vue.js (2.x)

Focus on

Account management
Patient portal
Health Professional Portal
Analytics
  * Demographics
  * Epidemiology
A proposal to our governments

Unique ID & history
Person demographics and medical history up-to-date no matter the health institution she goes across the country.

Improve quality of care
Health professionals have better and timely patient information. Saving time and providing better healthcare.

Empower the community
The person is now an active player in the system of health.

Public Money, Public Code!

Libre Software: No hidden code, no blackboxes in healthcare.

The health software will be a public good.

Save millions of euros in licenses that can go to improve the public health system.
GH Federation Portal
Community Server
Focus on
→ Federation Portal component
→ Enhance demo data, both at HMIS node and HIS database
Bioinformatics & Medical Genetics
Precision Medicine & Medical Genetics
GNU Health Embedded
Become a member and win a Raspberry Pi!

www.gnuhealth.org/join

Get a Raspberry Pi with GNU Health!

Become a Member of GNU Solidario and get a Raspberry Pi with GNU Health ready to run!

https://www.gnuhealth.org/join
MyGNUHealth
Kirigami UI

Build apps that adapt beautifully to mobile, desktop, and everything in between.
Desktop and mobile client
Interoperability
FHIR, IHE and openEHR

GH early adopted FHIR since 2014!

Focus on

FHIR Read and Write ops

Add new FHIR resources

Update FHIR API to Python3

IHE standard

European Comission Reccom.

Discuss openEHR integration (meeting in Tokyo this February)
Join us!

www.gnuhealth.org

@gnuhealth

health@gnusolidario.org
Health must remain a non-negotiable human right

GNU Solidario first project: Santiago del Estero, Argentina, 2006