IHE SUISSE
Integrating the Healthcare Enterprise

# Husky Quo Vadis
# 18.09.2024 – dos Santos Pedro

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# Husky?

## Husky - Health Usability Key

The Husky project is an open-source and makes working with international eHealth standards easier by providing a convenience API for IHE transactions and health resources/documents.

The project is country independent but currently implements Swiss extensions.

# What does Husky and eHealth have in common?

A husky sled and eHealth integration project share a common trait: both require **coordination, endurance, and teamwork** to reach their destination.

Just as a husky needs **direction and collaboration** with its team to pull the sled efficiently, healthcare integration relies on seamless collaboration between systems and technologies to deliver unified healthcare solutions.

Both depend on strong, **synchronized efforts** to overcome obstacles and achieve their goals…

# The Husky Project…

## What's inside?

- Overview of the key features, supported protocols, …
- Practical examples and scenarios where the library shines

## How to simplify the Integration ?

- Convenience API for XDS.b
- Simplifying handling of EPD Resources

## What's next ?

- Upcoming developments
- Upcoming project events

# What’s inside the box

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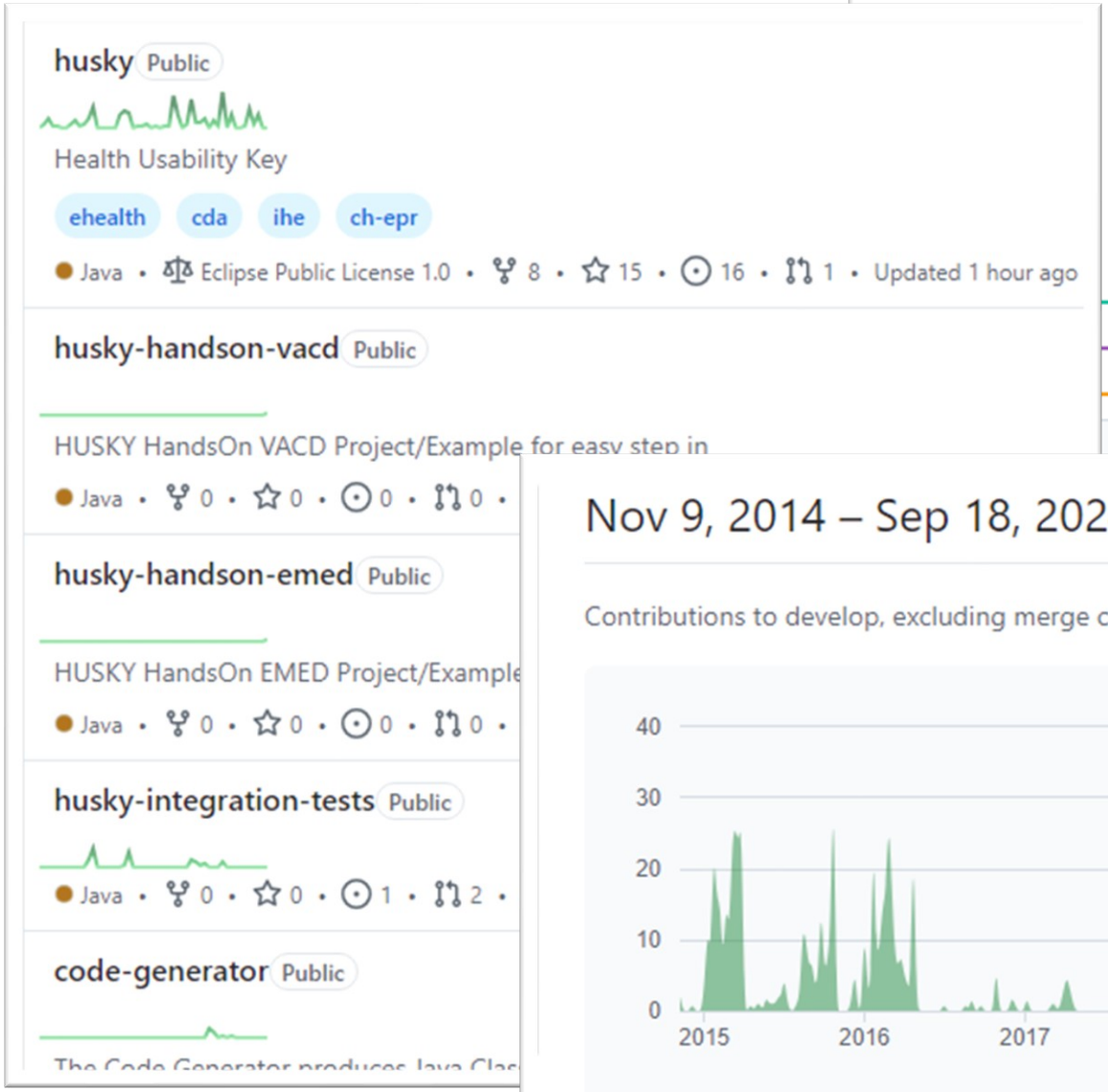


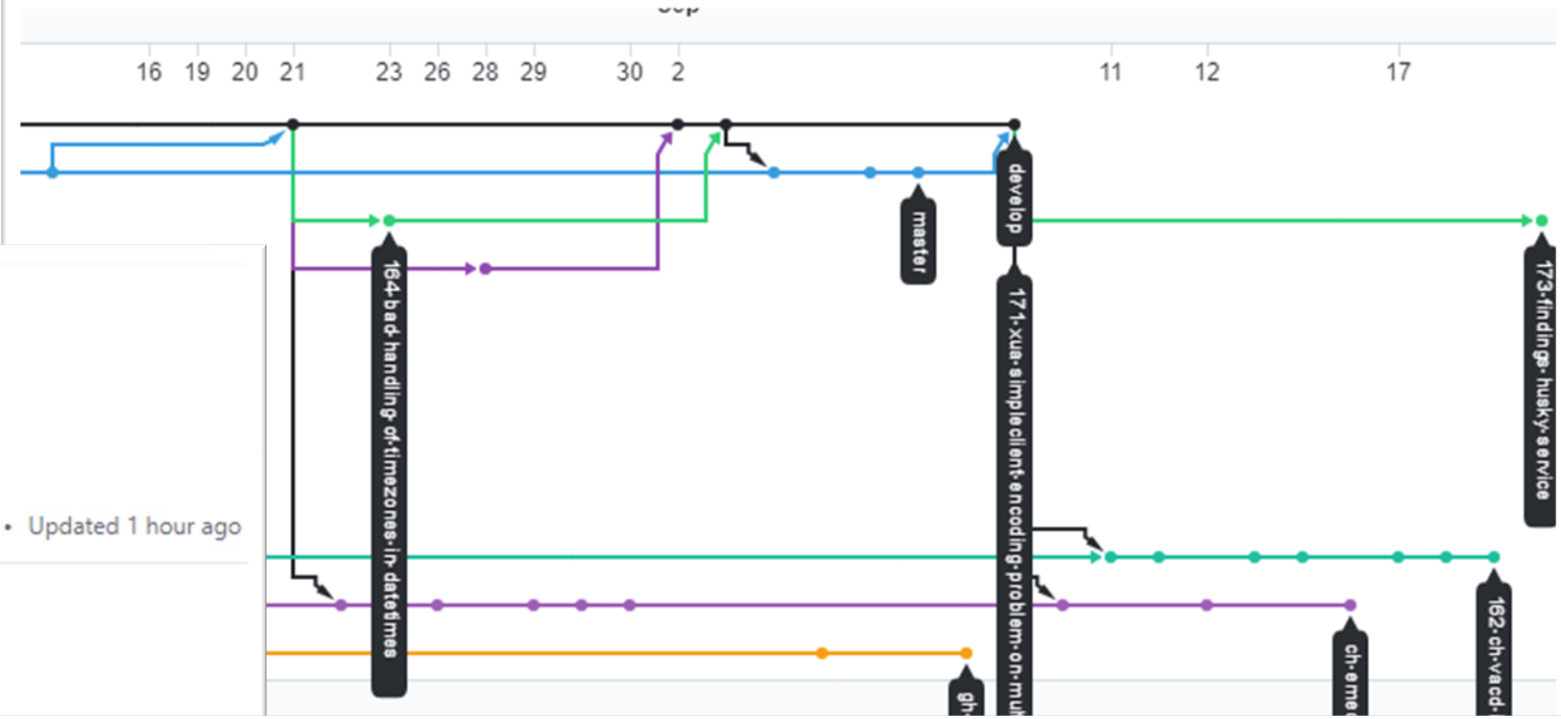

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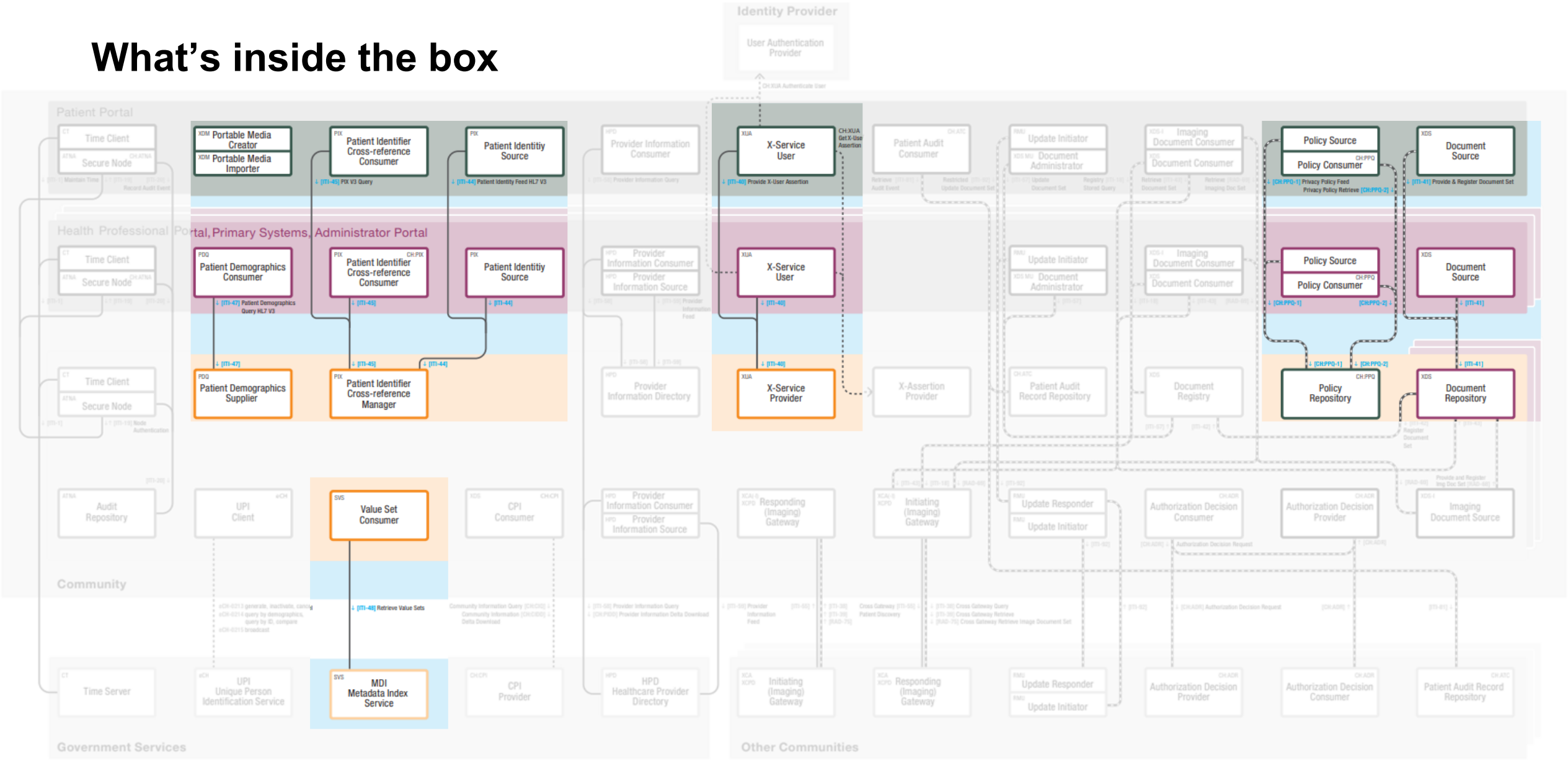
## Implemented IHE Profiles

Husky offers support for multiple IHE ITI profiles. For each profile transaction there is a convenience method. Supported profiles are

| Profile | Transaction | Description |
|---|---|---|
| PDQ | ITI-47 | Query patient demographics |
| PIX | ITI-44, ITI-45 | Patient identity transactions |
| PPQ | PPQ-1, PPQ-2 | Privacy Policy Queries |
| SVS | ITI-48 | Retrieve value set |
| XDM | ITI-32 | Exchange of documents via standard media |
| XDS | ITI-18,ITI-41,ITI-43 | Exchange of documents |
| XUA | ITI-40 | Provide identity assertions |

# What's inside the box



# What is your challenge…

**What is your biggest challenge when it comes to system integration in healthcare?**

- Dealing with Patient identity Management ?
- Compliance with standards ?
- Handling healthcare formats ?

- Interoperability across different systems ?
- Security concerns ?
- Maintenance ?

**How much can you invest in custom development to integrate to the EPD?**

WAIT A MINUTE!

# What is your challenge…

**What is your biggest challenge when it comes to system integration in healthcare?**

- Benefiting  from interoperability / security updates
- Sharing assets knowledge and avoid vendor lock-in
- Isolating / standardize the integration layer

- Develop only once upcoming changes
- Minimize maintenance costs near to zero
- Ensure compliance with EPD Standards and upcoming healthcare standards.

**How much can you invest in custom development to integrate to the EPD?**

# The Husky Project is also…

## What's inside?

- A motivated team contributing and moving this project forward
- Support from eHealth Suisse and IHE-Suisse

## How to simplify the Integration

- Share knowledge and avoid common pitfalls and technical hurdles
- Development synergies on the integration layer

## What's next ?

- Collect user needs, build a backlog
- Steer upcoming developments and coordinate contributions

# The whole is greater than the sum of its parts.

- **Husky is an open-source project, like IHE profiles,** all resources and/or assets that are shared and **maintained by a community** and accessible to all its members for free.

- The **synergy created by collective contributions**, shared knowledge, and diverse expertise allows for rapid innovation, faster problem-solving, and **continuous improvement**.

- Practically, this means **cost effective changes**, **less maintenance** efforts and by principle **stronger security software**.

WE NEED YOU!

IHE SUISSE Integrating the Healthcare Enterprise

# Husky ~~simplifies~~ woofs the complexity of your eHealth integration

HUSKY
HEALTH USABILITY KEY

## Thank you !