

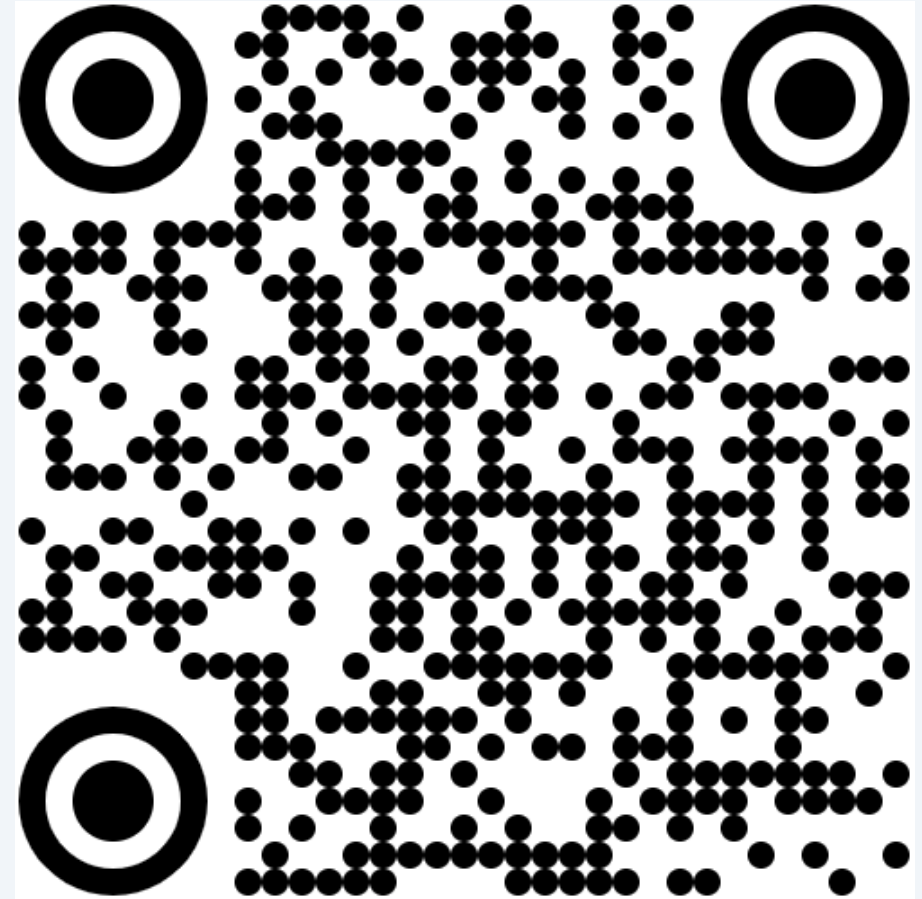
Participation meeting

Electronic identity and trust infrastructure

03.04.2025

La version française
est disponible sur
GitHub.

The German version
is available on
GitHub.

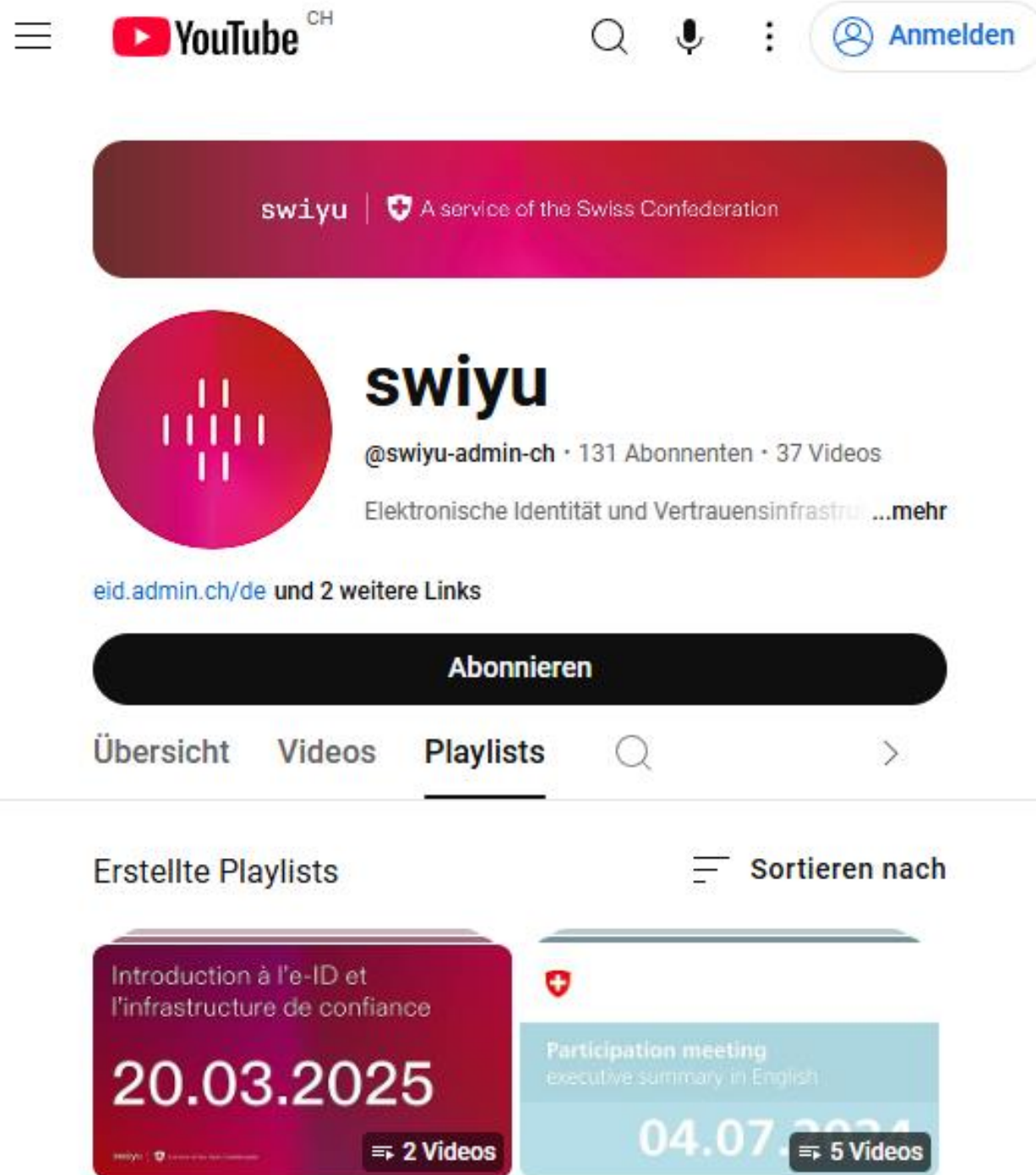


Contents

- Welcome
- Legislation: status and outlook
- Public Beta
 - Welcome
 - Technical details and onboarding process
 - Beta-ID
 - Open Source
- Questions from the audience
- Executive Summary in English


Recording


The participation meeting is recorded and published on YouTube.



The screenshot shows the YouTube channel page for 'swiyu'. At the top, there's a navigation bar with the YouTube logo, search, and login options. Below this is a banner for 'swiyu' with the text 'A service of the Swiss Confederation'. The channel's profile picture is a red circle with white vertical bars. The channel name 'swiyu' is displayed, along with the handle '@swiyu-admin-ch', 131 subscribers, and 37 videos. A description in German is partially visible. Below the channel information, there's a link to 'eid.admin.ch/de' and two more links. A large black button labeled 'Abonnieren' (Subscribe) is prominent. Below this, there are tabs for 'Übersicht' (Overview), 'Videos', and 'Playlists', with 'Playlists' being the active tab. The 'Erstellte Playlists' (Created Playlists) section shows two playlists. The first playlist, 'Introduction à l'e-ID et l'infrastructure de confiance', is dated '20.03.2025' and contains '2 Videos'. The second playlist, 'Participation meeting executive summary in English', is dated '04.07.2024' and contains '5 Videos'.

YouTube^{CH}

swiyu |  A service of the Swiss Confederation

 **swiyu**
@swiyu-admin-ch • 131 Abonnenten • 37 Videos
Elektronische Identität und Vertrauensinfrastru...mehr


eid.admin.ch/de und 2 weitere Links

Abonnieren

Übersicht Videos **Playlists**

Erstellte Playlists Sortieren nach

Introduction à l'e-ID et l'infrastructure de confiance
20.03.2025
⇒ 2 Videos

 Participation meeting executive summary in English
04.07.2024
⇒ 5 Videos


Questions and answers

- Please consult our resources!
 - www.eid.admin.ch
 - <https://www.youtube.com/@swiyu-admin-ch>
 - <https://github.com/swiyu-admin-ch>
- Please ask specific questions via chat - they will be answered via chat.
- Please ask questions that are of interest to everyone via microphone.
- We do not engage in political discussions here.

Legislation

Status and outlook

During the collection period, the federal government only informs

 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

BBl 2025
www.fedlex.admin.ch
Massgebend ist die signierte
elektronische Fassung



Ablauf der Referendumsfrist: 19. April 2025 (1. Arbeitstag: 22. April 2025)

**Bundesgesetz
über den elektronischen Identitätsnachweis
und andere elektronische Nachweise
(E-ID-Gesetz, BGEID)**

vom 20. Dezember 2024

Art. 36 Referendum und Inkrafttreten

¹ Dieses Gesetz untersteht dem fakultativen Referendum.

² Der Bundesrat bestimmt das Inkrafttreten.

Next milestones

- **End of the referendum deadline:** 19 and 22 April 2025 respectively
- **Opening of the consultation on the ordinance on the e-ID-Act:** probably before the 2025 summer break
- **Blank voting dates:** 28 September and 30 November 2025
- **Entry into force of the e-ID-Act:** in the third quarter of 2026 at the earliest (subject to a possible referendum)

The e-ID department is looking for new staff

- ICT Consultant e-ID Ecosystem Marketing
- ICT Consultant e-ID Ecosystem Integration
- ICT Consultant Technology Scouting and Interoperability

[More information and applications via www.jobs.admin.ch](http://www.jobs.admin.ch)

Public Beta

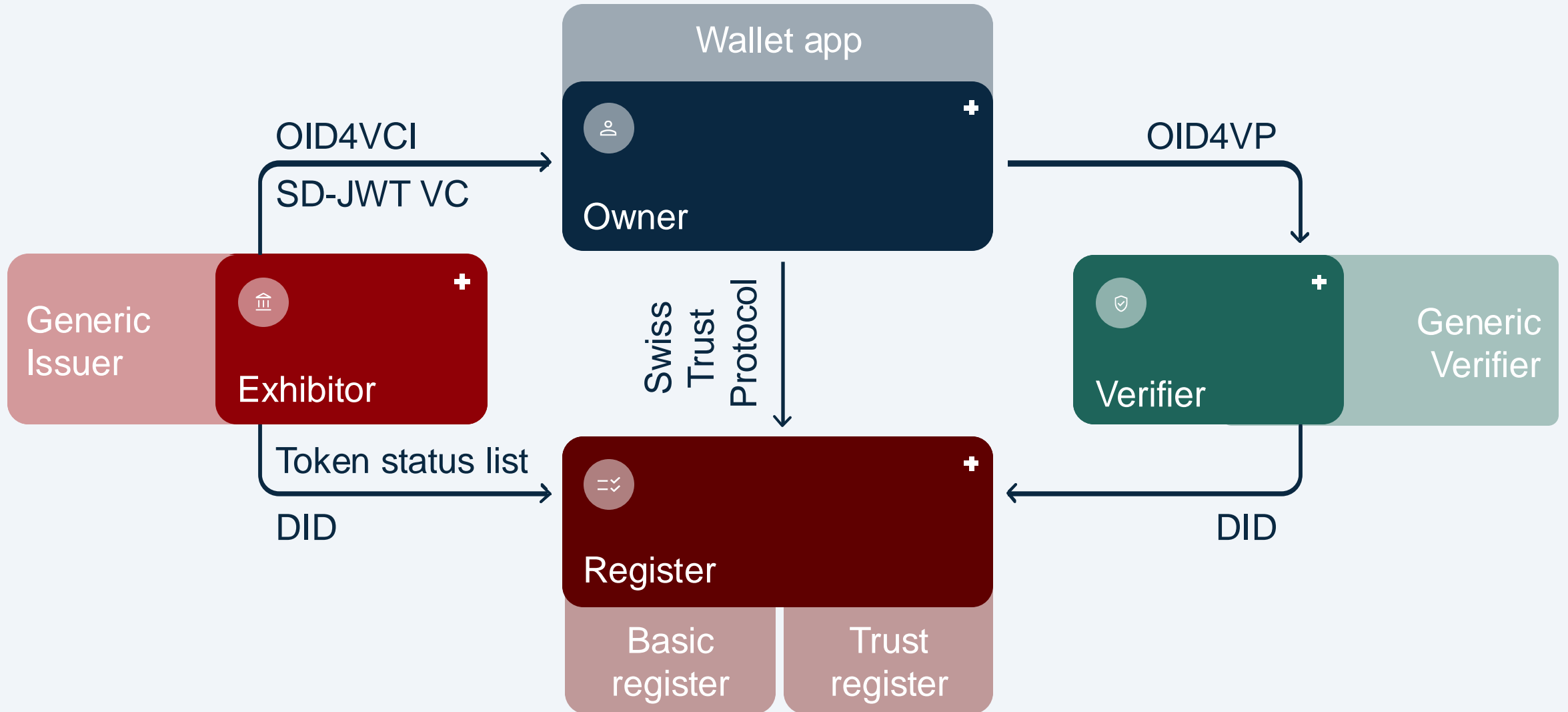
Welcome to

Serge Guignard
Deputy Director Central Services
Federal Office of Justice

Public Beta

Technical details and onboarding process

Technologies & Components



Requirements

- AGOV or CH-LOGIN account

Requirements

Anyone can take part!

Onboarding

- Onboarding basic register
 - Registration Portal
 - Create organisation
 - Upload identifier
 - Create status lists
- Optional: Onboarding trust register

Attention: Technical understanding required

swiyu-admin-ch.github.io/cookbooks


INT-PRU

schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

swiyu Trust Infrastructure

Public Beta

?



Abmelden

DE

beta Trust Infrastructure Onboarding

Registrierung der Organisation

Onboarding im beta Base Registry

Registrieren Sie sich als Geschäftspartner in der **swiyu** beta Trust Infrastructure, um das beta Base Registry zu nutzen und demo Nachweise auszustellen

Dazu benötigen Sie: eine gültige E-Mail-Adresse

Organisation registrieren

Erste Schritte (beta Base Registry)

In die beta Trust Infrastructure einsteigen, um Demo-Nachweise auszustellen und zu überprüfen

▼ Einstiegsübersicht

© 2025 Bundesamt für Justiz

Issuer & Verifier component

- Easy access for exhibitors and verifiers
- Directly executable Docker images with example
- Controllable via API management
- Compatible with the swiyu Wallet

Probieren Sie die Beta-ID aus

Testen Sie die Beta-ID und die Vorteile von digitalen Nachweisen



Beta-ID anfordern

Fordern Sie als erstes eine Beta-ID an und übertragen Sie diese in Ihre Wallet.

Anfordern



Beta-ID prüfen

Prüfen Sie eine Beta-ID nach Alter, Vor- und Nachnamen oder vollständig nach allen Attributen.

Prüfen



Beta-ID widerrufen

Widerrufen Sie eine Beta-ID.

Widerrufen

Wissenswertes zur Beta-ID

Was ist die Beta-ID?

Die Beta-ID ist ein Pseudo-Nachweis, der zu Testzwecken innerhalb der Public-Beta-Umgebung geschaffen wurde.

Ist die Beta-ID ein offizieller Identifikationsnachweis?

Nein, die Beta-ID ist kein Identifikationsnachweis.

Wer kann eine Beta-ID beziehen?

Der Dienst zum Bezug einer Beta-ID steht allen Interessierten offen.

Welche Angaben können in der Beta-ID gespeichert werden?

Die Angaben im Beta-ID-Anforderungsformular können selbst gewählt werden. Verzichten Sie möglichst darauf, Ihre echten Personalien zu erfassen.

Was passiert mit den Daten nach Ausstellung der Beta-ID?

Nach der Ausstellung werden mit Ausnahme der Beta-ID-Nummer alle Daten auf dem Server gelöscht. Die Nummer wird für den Widerruf benötigt.

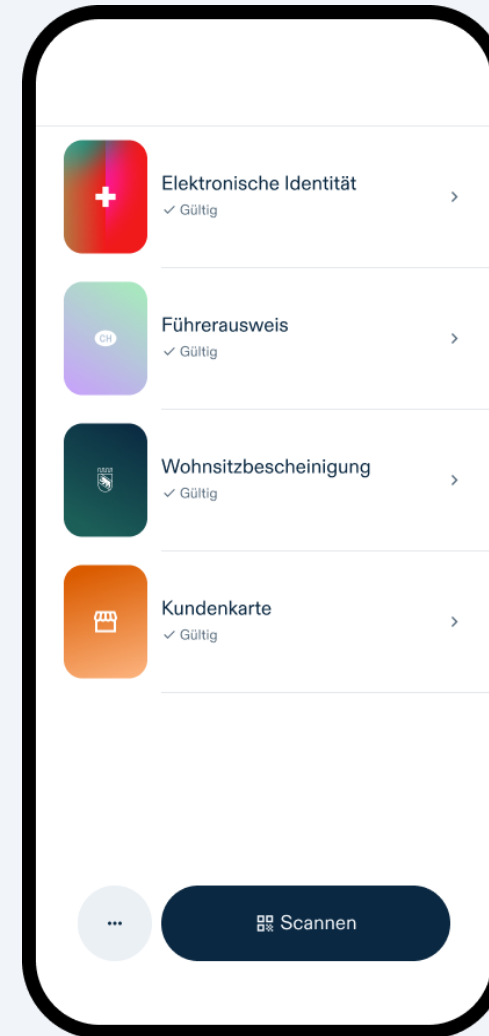
Entwickler-Informationen zur Public Beta

Zu GitHub

Mehr Informationen zum e-ID Programm

Öffnen


Wallet component





Technical documentation

Overview, cookbooks, Swiss profiles and other documents on GitHub

GitHub [swiyu-admin-ch.github.io](https://github.com/swiyu-admin-ch)

 swiyu

IntroductionTechnology StackOpen Source ComponentsCookbooks




swiyu technical documentation

Technical documentation, specifications, and cookbooks related to the swiyu Public Beta Trust Infrastructure.

This website refers to the swiyu Public Beta Trust Infrastructure. The listed specifications and documentation are subject to change.


The Public Beta enables ecosystem participants to integrate and test their business cases, including the use of a Beta ID credential, and to gain a deeper understanding of the system's mode of operation. Please be advised that the current system and its operations are provided on a best-effort basis and will continue to evolve over time. The security of the system and its overall maturity remain under development.



trust infrastructure

Introduction to the roles, components, and governance of the swiyu Public Beta Trust Infrastructure


[Learn more](#)



technology stack

Technology stack of the swiyu Trust Infrastructure for Public Beta


[Learn more](#)



open source


Open Source components of the swiyu Trust Infrastructure provided by the Swiss Confederation

[Learn more](#)




cookbooks

Learn how to onboard to the swiyu Public



specifications

Technical specifications and solution



roadmap

Get an overview of the current stage and the

Public Beta Beta-ID

Beta Credential Service - www.bcs.admin.ch



Beta Credential Service (BCS)

Probieren Sie die Beta-ID aus

Testen Sie die Beta-ID und die Vorteile von digitalen Nachweisen



Beta-ID anfordern

Fordern Sie als erstes eine Beta-ID an und übertragen Sie diese in Ihre Wallet.

Anfordern



Beta-ID prüfen

Prüfen Sie eine Beta-ID nach Alter, Vor- und Nachnamen oder vollständig nach allen Attributen.

Prüfen



Beta-ID widerrufen

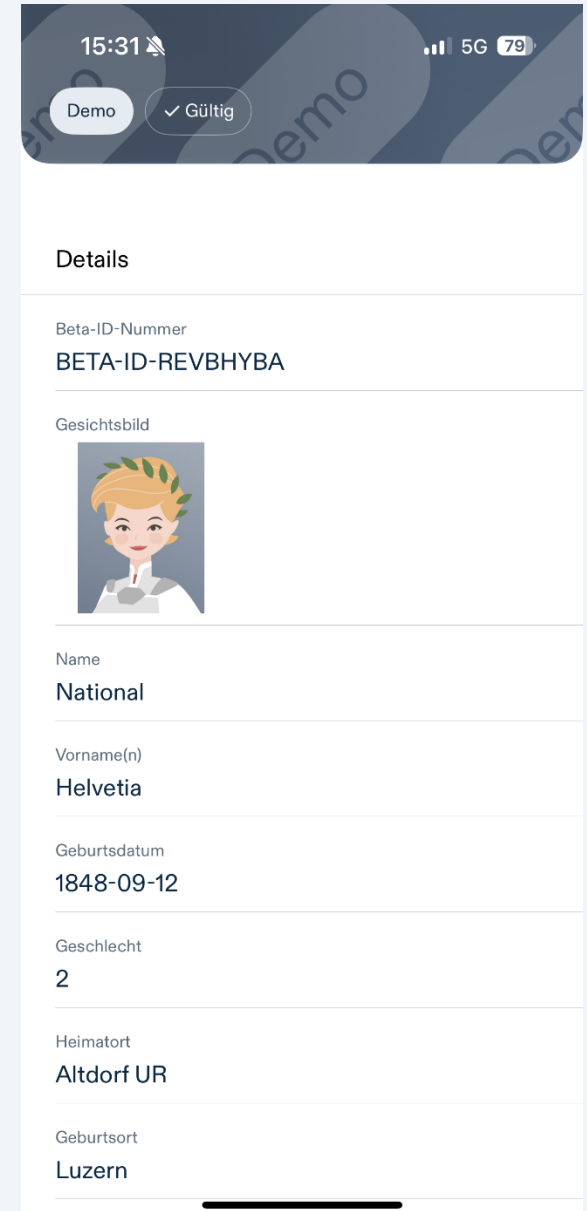
Widerrufen Sie eine Beta-ID.

Widerrufen



Content of the Beta-ID


- Data fields are identical to the data fields of the e-ID:
 - First name(s), surname, date of birth, older than 16/18/65, nationality, AHV number, etc.
 - Also the other data such as: Document number, verification process type, valid until, etc.
- The format of the beta ID is SD-JWT, as defined in swiss-profile (GitHub)
- Holder binding is available (hardware-bound where possible, otherwise software-bound)
- Users can define the content themselves.



Why a Beta-ID?

"There are no applications for this...!"

- Ecosystem participants can start implementing their own use cases, play verifier, sharpen possible uses of the e-ID
- The Beta-ID is a "tool" for quick testing, as you can define the values yourself
- Learn how to use the trust infrastructure (fedpol)
- Test verification in the Beta Credential Service possible for demo purposes
- e-ID/AGOV/EPD test case in development

 **Beta Credential Service (BCS)**

[< Zur Startseite](#)

Beta-ID prüfen

Sie können den Inhalt und die Gültigkeit der Beta-ID überprüfen. Für die Überprüfung benötigen Sie ein zweites Gerät, um den Code zu scannen oder den Link mit der Prüfanfrage zu öffnen.

Was möchten Sie prüfen?

☐ Vollständige Beta-ID prüfen


☐ Mindestalter 18 Jahre prüfen

☒ Vorname und Nachname prüfen

So funktioniert's

1. Prüfungsart auswählen und QR-Code mit der Wallet scannen
2. Prüfanfrage in der Wallet bestätigen
3. Das Prüfergebn wird auf dieser Seite angezeigt

1 Scannen Sie den Code mit Ihrer Wallet



2 Bestätigen Sie die Prüfanfrage in Ihrer Wallet

3 Sie werden nach der Bestätigung automatisch weitergeleitet

Restrictions

- **Beta ID contents are always self-declared and are not checked!**
- **The Beta ID does not constitute proof of identity.**
- As a private individual, do not rely on the AHV number (legal restrictions)
- A revocation is irrevocable

Use of Beta Credential Service:

- Issue and verification QR codes only work once and only for a short time (no screenshots)
- Personal data entered will be deleted immediately after issue.

Next steps

- Deeplink during verification (wallet)
- OCA: Styling and translation of labels and values
 - Currently, for example, it says: "Gender: 1" instead of "Gender: male"
- Complete semantic schema description on i14y.admin.ch (interoperability platform)

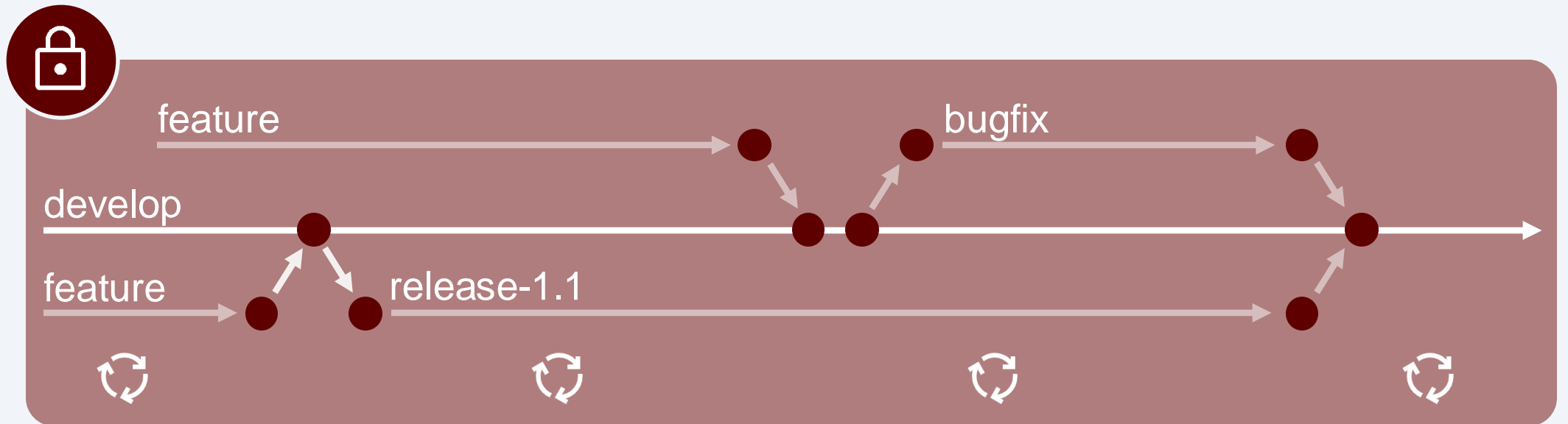
Public Beta

Open Source

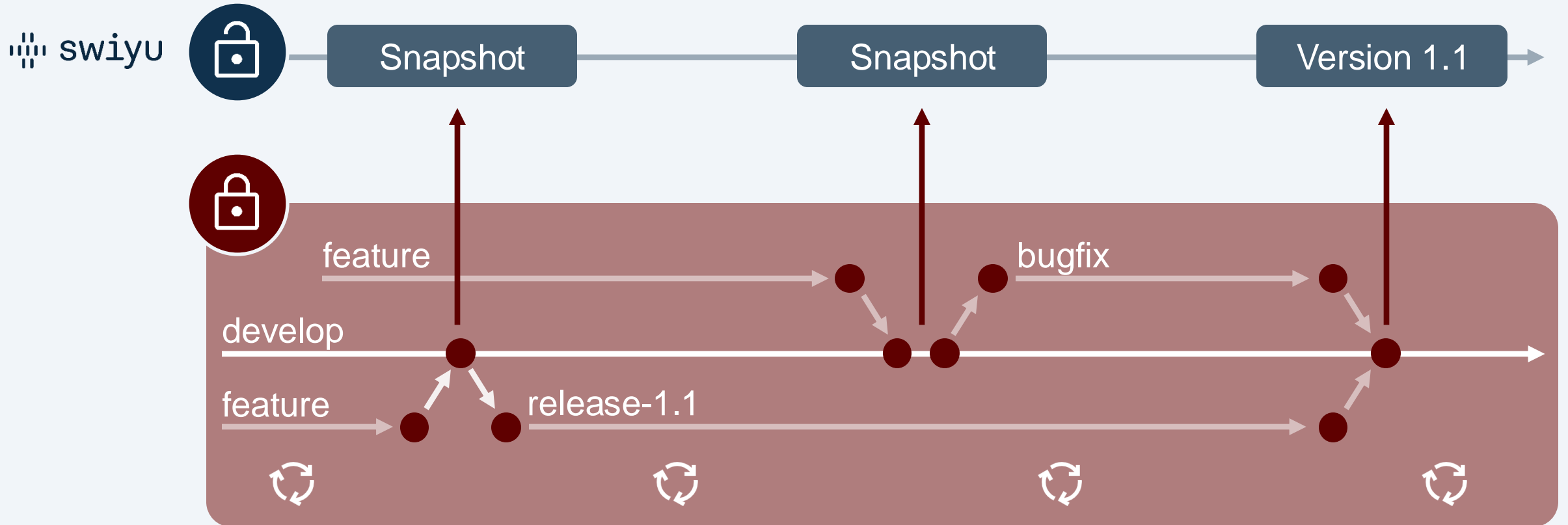
Contents

- What does our development process look like and what consequences does OSS have for the e-ID programme?
- Under which licence was the code published?
- New GitHub organisation
- Our vision for the swiyu ecosystem

Development process without OSS



Development process with OSS



OSS means extra work

New or additional workflows are required in the development process.

Disclosure ...

... motivates to clean up
of unsightly code

... requires the dissolution of
internal dependencies

... requires the removal of secrets

Additional effort for documentation offers added value for the community:

How can third parties use the software
quickly?

How can third parties further develop the
software themselves?

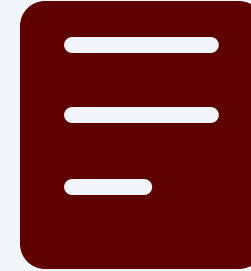
Interested parties can publicly provide
feedback and suggestions

Choice of licence: which of the >100 OSS licences?

None

Copyleft

High



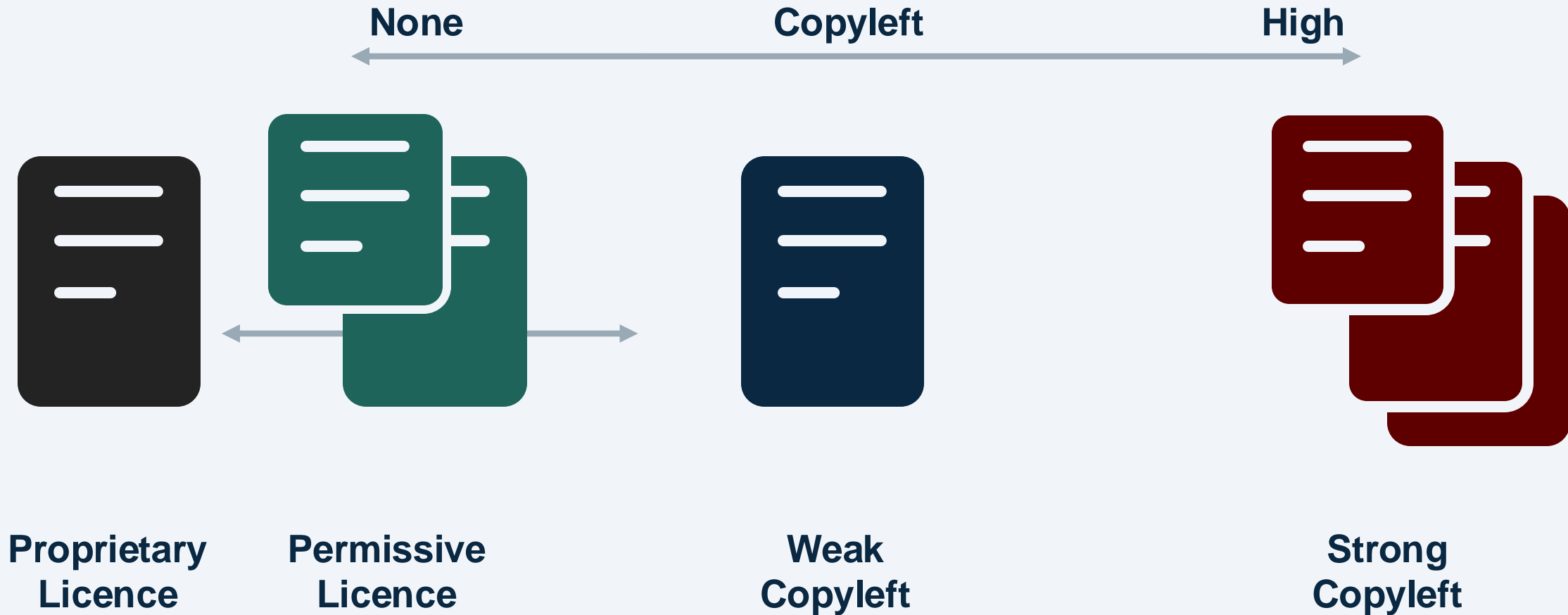
Permissive licence

- Licence and copyright notice required
- Other licence possible

Strong copyleft

- Licence and copyright notice required
- Always the same licence required
- Specify changes required

Further development dependent on OSS licence



MIT licence for public beta, because...

... the federal government develops the software largely independently.

... OSS from Public Beta does not use libraries with copyleft.

... further developments should be made on a voluntary basis.

... to make it easier to build an OSS community.

... it would be possible to switch to a copyleft licence at a later date.

New GitHub organisation: swiyu-admin-ch

For the launch of Public Beta, we have simplified the structure on GitHub somewhat:

github.com/e-id-admin

general

governance-sounding-board

open-source-community

eidch-public-beta

public-sandbox-trustinfrastructure

Code repositories

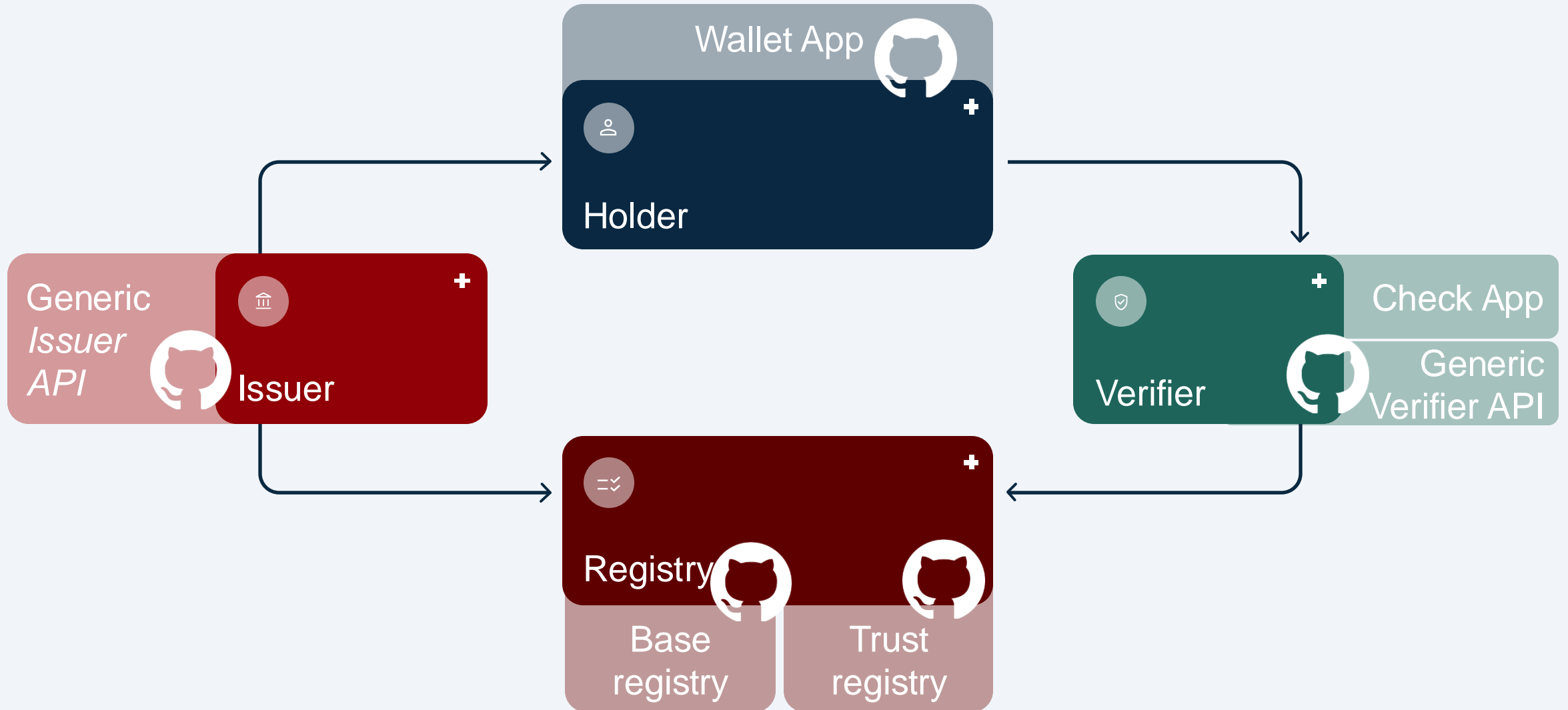
github.com/swiyu-admin-ch

community

swiyu-admin-ch.github.io

Code repositories

All public beta components are OSS





swiyu - the Swiss Trust Infrastructure ecosystem

Organization for all public repositories of the swiyu Public Beta Trust Infrastructure

Verified

52 followers

Switzerland

<https://www.eid.admin.ch/>

Overview

Repositories 24

Discussions

Packages

People

README.md

Welcome to the swiyu Public Beta Trust Infrastructure ecosystem

swiyu



A service of the Swiss Confederation

Introduction

The Federal Act on Electronic Identity and Other Electronic Credentials (BGEID) that was adopted by the Council of States and the National Council on December 20th 2024 sets the foundation for the establishment of the Swiss Trust Infrastructure.

The Swiss Trust Infrastructure based on the BGEID ensures that data handling and storage comply with strict legal safeguards like data minimization and decentralization. Citizens have been actively engaged throughout the project, with significant input from stakeholders across civil society, government, and industry to ensure the Swiss Trust Infrastructure is taking expectations from the public into account. The system design prioritizes privacy, user autonomy, and accessibility to garner widespread support and adoption. As one aspect of the Swiss Trust Infrastructure, it will provide a secure, state-recognized digital identity, the e-ID that fosters public confidence while aligning with Switzerland's democratic values and participatory decision-making process.

The BGEID aims to address foundational identity and trust needs for public and private services in Switzerland with an approach that is built around the model of an Identity Wallet App (e.g. the federally provided swiyu wallet) where other means of identification and authentication can also be stored, managed and utilized. The Swiss Trust Infrastructure is thus going beyond the provisioning of the e-ID alone. Next to the provision of an e-ID for all Swiss nationals, inhabitants and residents, the initiative provides a Trust Infrastructure to enable an ecosystem for both the public and private sector. The [e-ID website](#) contains more general information as well as an introduction

People

This organization has no public members. You must be a member to see who's a part of this organization.

Top languages

Java Kotlin Swift Rust
TypeScript

Most used topics

e-id wallet

swiyu technical documentation

Technical documentation, specifications, and cookbooks related to the swiyu Public Beta Trust Infrastructure.

This website refers to the swiyu Public Beta Trust Infrastructure. The listed specifications and documentation are subject to change.

The Public Beta enables ecosystem participants to integrate and test their business cases, including the use of a Beta ID credential, and to gain a deeper understanding of the system's mode of operation. Please be advised that the current system and its operations are provided on a best-effort basis and will continue to evolve over time. The security of the system and its overall maturity remain under development.



trust infrastructure

Introduction to the roles, components, and governance of the swiyu Public Beta Trust Infrastructure

[Learn more](#)



technology stack

Technology stack of the swiyu Trust Infrastructure for Public Beta

[Learn more](#)



open source

Open Source components of the swiyu Trust Infrastructure provided by the Swiss Confederation

[Learn more](#)



cookbooks

Learn how to onboard to the swiyu Public Beta Trust Infrastructure and how to manage



specifications

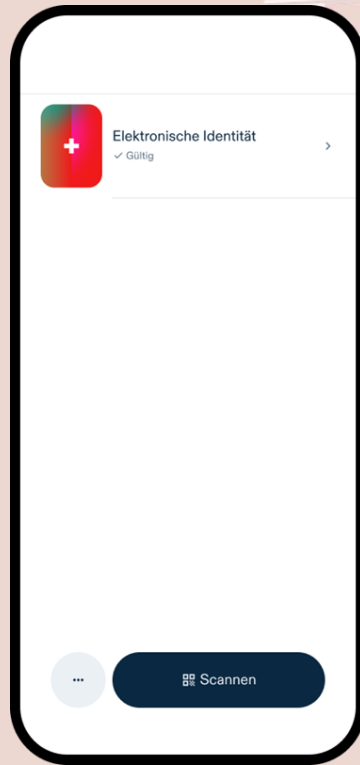
Technical specifications and solution approaches for the swiyu Public Beta Trust



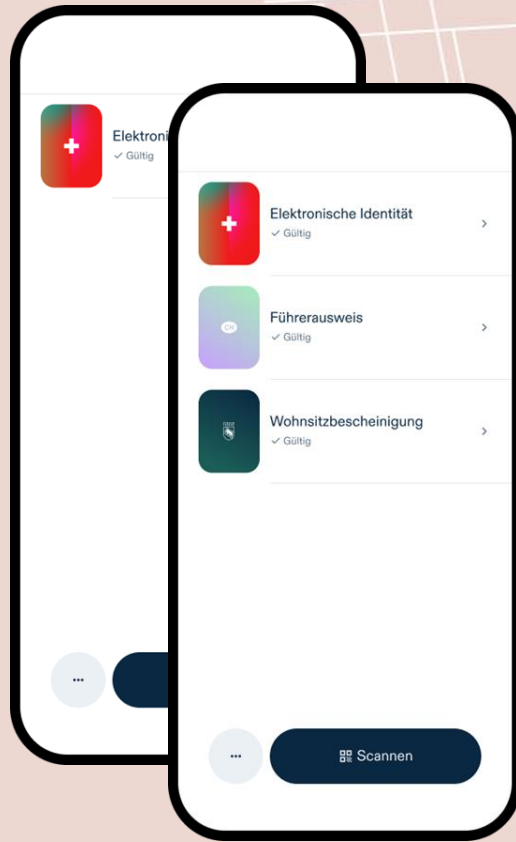
roadmap

Get an overview of the current stage and the most important steps of swiyu Public Beta

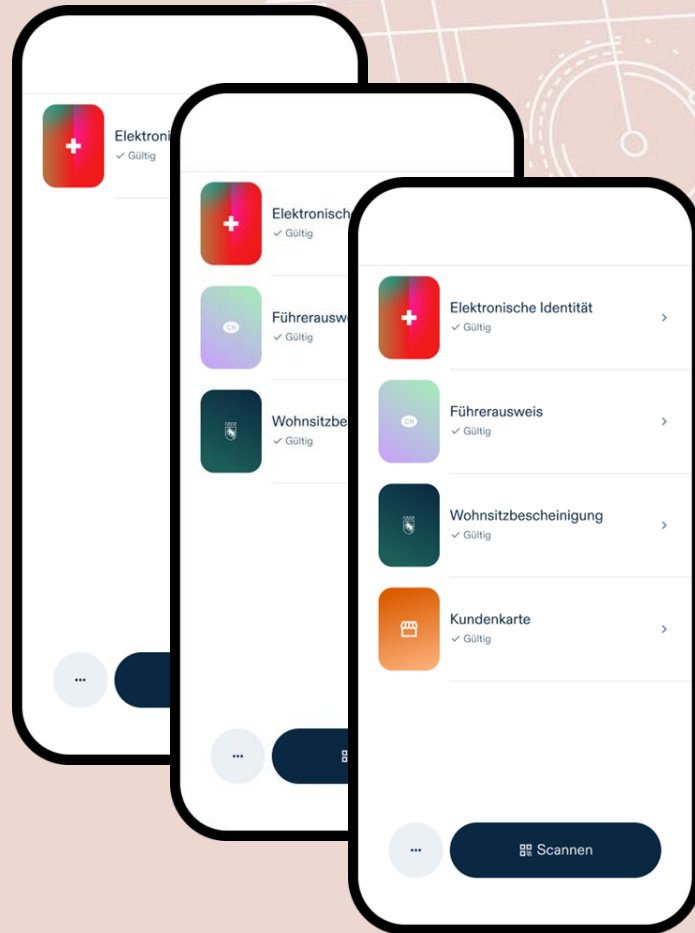
Our vision for the swiyu ecosystem



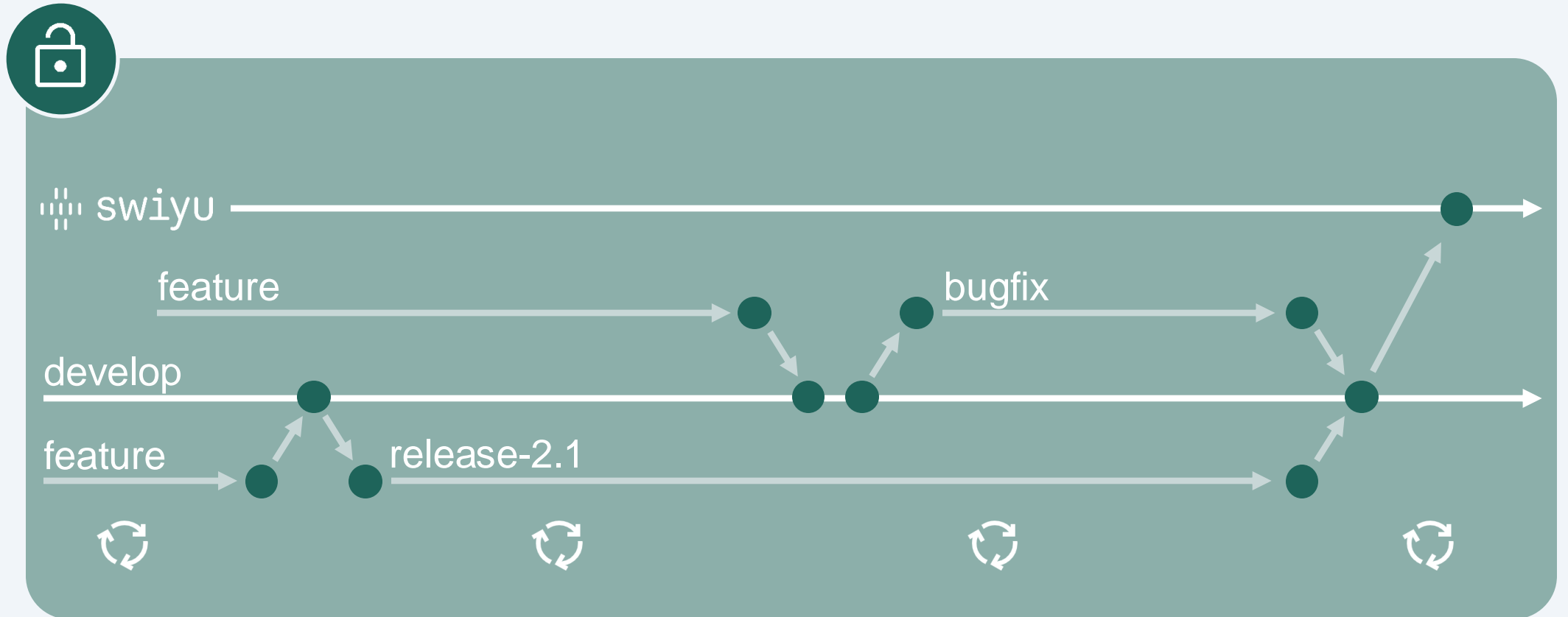
Our vision for the swiyu ecosystem



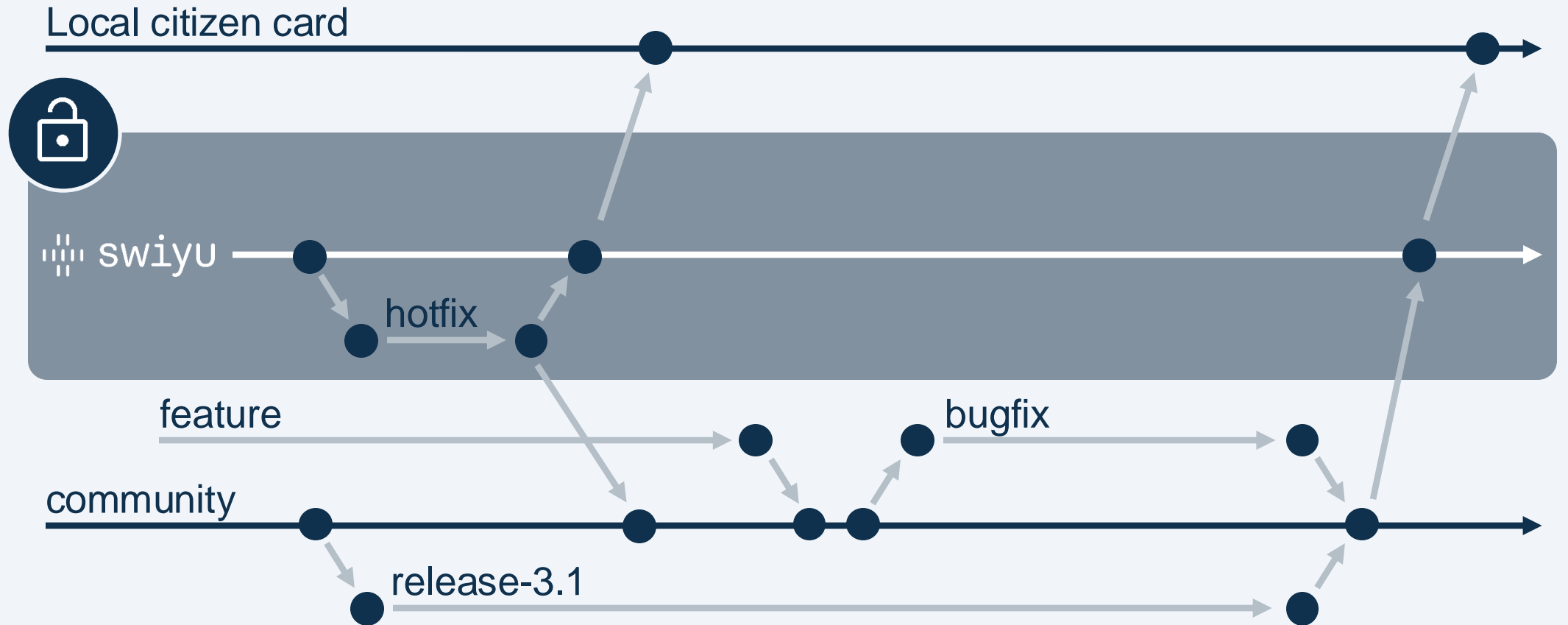
Our vision for the swiyu ecosystem



Completely open OSS development process



Development in the OSS ecosystem



Thank you for your attention!

André Kunz

Responsible Open Source e-ID

Federal Department of Justice and Police

FDJP

Federal Office of Justice FOJ

Bundesrain 20, 3003 Berne

+41 58 463 73 59

andre.kunz@bj.admin.ch

[LinkedIn](#)

[GitHub](#)

swiyu GitHub Overview:

<https://github.com/swiyu-admin-ch/>

swiyu technical documentation:

<https://swiyu-admin-ch.github.io/>

Questions from the audience

Next participation meeting

Thursday, 08.05.2025 4 pm

Executive Summary in English 6 pm

Thank you for your attention!

Contact us

Rolf Rauschenbach
Deputy Head of the e-ID Division
Information Officer e-ID

Federal Department of Justice and
Police FDJP
Federal Office of Justice FOJ

Bundesrain 20, 3003 Berne
Phone +41 58 465 31 20
rolf.rauschenbach@bj.admin.ch

Links

General information on the e-ID
www.eid.admin.ch

Information on e-ID legislation
www.bj.admin.ch
www.parlament.ch

Discussion platform on the e-ID
www.github.com

Subscribe to the e-ID newsletter
www.eid.admin.ch