

Designing and building for public service users

Erik Doernenburg, CTO, DigitalService of the German Government



Bundesministerium
für Digitales und
Staatsmodernisierung

DigitalService

A “Berlin-style” scale-up owned by the federal government’s department for digital affairs and modernisation of the state.



Federal Republic of Germany

1 federal government with 16 departments

16 states with ~10 departments each

11,000 municipalities

Cities can have 300+ sectoral systems

Different vendors provide competing products

Some products combine multiple systems

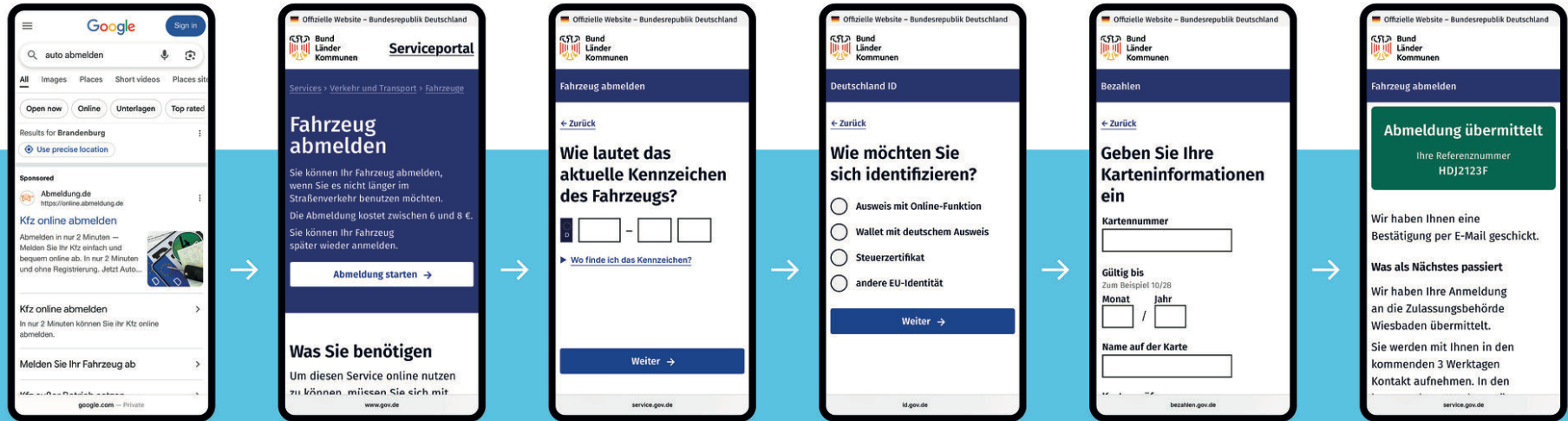
States have their own IT providers



A fragmented journey



A fragmented unified journey



Dachmarke (umbrella brand)



Offizielle Website

1

Header

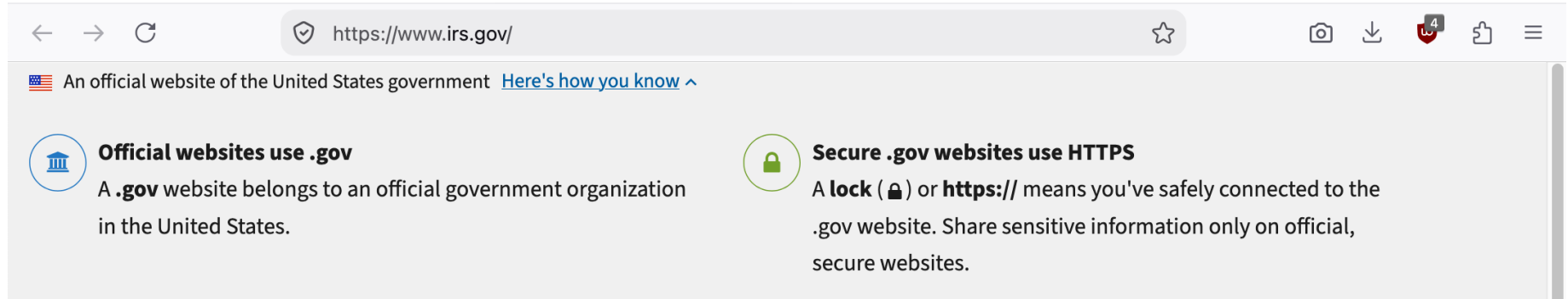


Bund
Länder
Kommunen

2

Combined mark

But how do you now?



← → ↻  https://www.irs.gov/      

 An official website of the United States government [Here's how you know ^](#)

**Official websites use .gov**
A **.gov** website belongs to an official government organization in the United States.

**Secure .gov websites use HTTPS**
A **lock** () or **https://** means you've safely connected to the .gov website. Share sensitive information only on official, secure websites.



← → ↻  https://service.justiz.de/      

 Offizielle Website – Bundesrepublik Deutschland

Justiz-Services

 Leichte Sprache  Gebärdensprache

Dachmarke (umbrella brand)



Offizielle Website

1

Header



Bund
Länder
Kommunen

2

Combined mark

<https://.gov.de>

3

Domain

Dachmarke (umbrella brand)



Offizielle Website

1

Header



Bund
Länder
Kommunen

2

Combined mark

<https://.gov.de>

3

Domain



4

Design system

KERN Design System

KERN

UX-Standard

Erste Schritte

Design-System

Komponenten

Patterns

Über KERN

Community und Mitwirken

Leichte Sprache

Gebärdensprache

KERN Katalog

KERN Figma

KERN openCode

2.8.2



Form Inputs



Input Date

Version: 2.8.2

Input Date



Figma



openCode

Synonyme: Date, Datum-Eingabefeld

Ähnliche Komponenten: [Input Text](#), [Input Password](#), [Input E-Mail](#)

Kurzbeschreibung

Input Date unterstützt Nutzende bei der Eingabe eines Datums.

Beispiele

Default

Wann wurde der Ausweis ausgestellt?

Beispielsweise: 17 3 2015

Tag

Monat

Jahr

Code anzeigen



Inhaltsverzeichnis

[Kurzbeschreibung](#)

[Beispiele](#)

[Beschreibung](#)

[Verwendungsregeln](#)

[Dos und Don'ts](#)

[Barrierefreiheit](#)

[Mitdiskutieren und
beitragen](#)

KERN Feedback



KERN Design System



Design systems help with agentic coding

Constrains the AI (to follow principles)

Ensures consistency & accessibility

Becomes common language between design, tech, and AI

Use Gen AI across different worlds

Dachmarke (umbrella brand)



Establish trust

Use a clear, known marking and highlight as an official offer



Save effort

Leverage proven designs and implement them faster



Collaborate

Jointly establish elements and benefit from brand recognition

Public money, public code

Public money, public code

The screenshot shows the project page for 'a2j-rechtsantragstelle' on the DigitalService Bund website. The page includes project information, commit history, and a list of files.

Project information

Zugang zu Recht - Access to Justice - A2J Für Contributions über Issues / Pull Request: <https://github.com/digitalservicebund/a2j-rechtsantragstelle>

7,447 Commits 525 Branches 0 Tags

README MIT License

Created on
August 08, 2025

main a2j-rechtsantragstelle

Find file Code

chore(deps): bump @digitalservicebund/a2j-xjustiz-bridge (#4254) Unverified bf285416 History

Name	Last commit	Last update
.github	chore(deps): bump digitalservicebund/not...	1 week ago
.storybook	chore(deps-dev): bump knip from 6.16.1 to...	3 months ago
app	fix(hiddenInput): Skip rendering of empty ...	1 week ago
data	update(Court Data): Update latest court d...	1 month ago
doc	Improve testing-feature environment depl...	3 weeks ago
public	fix(PKH PDF): change download pdf files f...	1 month ago
scripts	refactor(Startseite): Update styling and re...	2 weeks ago

The screenshot shows the project page for 'a2j-rechtsantragstelle' on GitHub. The page includes project information, commit history, and a list of files.

Project information

Zugang zu Recht - Access to Justice - A2J service.justiz.de

Readme MIT license Code of conduct Security policy Activity Custom properties 14 stars 5 watching 3 forks Report repository

Deployments 500+

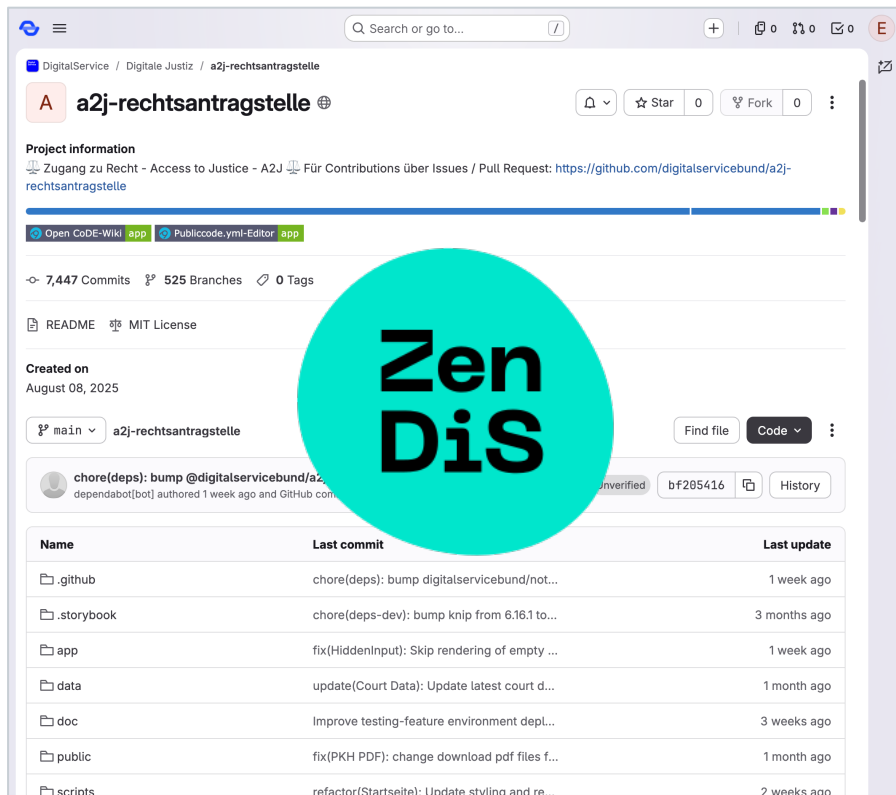
- preview 5 hours ago
- production 5 hours ago
- staging 5 hours ago
- testing-feature 5 days ago

Packages 4

a2j-rechtsantragstelle

File	Commit	Time
.github	chore(deps): bump github/codeql-a...	11 hours ago
.storybook	chore(deps-dev): bump knip from 6...	3 months ago
app	Migrate vitest 5 (#4284) [skip ci]	5 hours ago
data	update(Court Data): Update latest c...	last month
doc	Improve testing-feature environment...	3 weeks ago
public	fix(PKH PDF): change download pdf ...	last month
scripts	refactor(Startseite): Update styling ...	2 weeks ago
stories	Render Badge component from Stra...	3 weeks ago
tests	Release 1: TGA Beweise und Referen...	last month
.dockerignore	test: move unit tests to app folder (#...	2 years ago
.env.example	chore(env): remove REDIS_ENDPOI...	5 months ago
.gitignore	chore(.gitignore): add .envrc to gitig...	3 weeks ago
.nvrc	nvrc: update missing file	3 months ago
.oxlint.json	chore(deps-dev): bump oxlint from 1...	last month
.prettiignore	Feat(streetNames): Replace API call ...	6 months ago

Public money, public code



a2j-rechtsantragstelle

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7,447 Commits 525 Branches 0 Tags

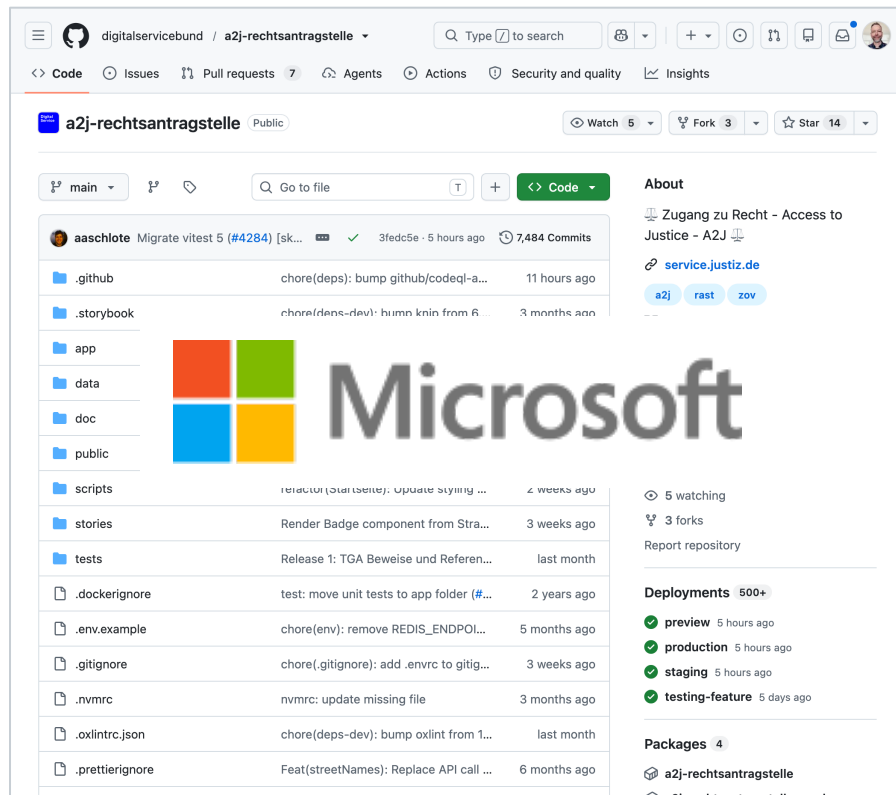
README MIT License

Created on August 08, 2025

main a2j-rechtsantragstelle

chore(deps): bump @digitalservicebund/a2j-rechtsantragstelle (dependabot[bot] authored 1 week ago and GitHub Actions verified)

Name	Last commit	Last update
.github	chore(deps): bump digitalservicebund/not...	1 week ago
.storybook	chore(deps-dev): bump knip from 6.16.1 to...	3 months ago
app	fix(hiddenInput): Skip rendering of empty ...	1 week ago
data	update(Court Data): Update latest court d...	1 month ago
doc	Improve testing-feature environment depl...	3 weeks ago
public	fix(PKH PDF): change download pdf files f...	1 month ago
scripts	refactor(Startseite): Update styling and re...	2 weeks ago



a2j-rechtsantragstelle

Code Issues Pull requests 7 Agents Actions Security and quality Insights

main Go to file Code

aaschlotte Migrate vitest 5 (#4284) [sk... 3fedc5e · 5 hours ago 7,484 Commits]

- .github chore(deps): bump github/codeql-a... 11 hours ago
- .storybook chore(deps-dev): bump knip from 6... 3 months ago
- app
- data
- doc
- public
- scripts refactor(Startseite): Update styling ... 4 weeks ago
- stories Render Badge component from Stra... 3 weeks ago
- tests Release 1: TGA Beweise und Referen... last month
- .dockerignore test: move unit tests to app folder (#... 2 years ago
- .env.example chore(env): remove REDIS_ENDPOI... 5 months ago
- .gitignore chore(.gitignore): add .envrc to gitig... 3 weeks ago
- .nvmrc nvmrc: update missing file 3 months ago
- .oxlint.json chore(deps-dev): bump oxlint from 1... last month
- .prettiignore Feat(streetNames): Replace API call ... 6 months ago

About
Zugang zu Recht - Access to Justice - A2J
service.justiz.de
a2j rast zov

5 watching 3 forks Report repository

Deployments 500+
preview 5 hours ago
production 5 hours ago
staging 5 hours ago
testing-feature 5 days ago

Packages 4
a2j-rechtsantragstelle

The GOV.UK
Design System is
currently being
used in about
1,500 repos on
GitHub

Dependency graph

old
data

Dependencies

Dependents

Repositories that depend on **govuk-frontend**

 1,319 Repositories  49 Packages

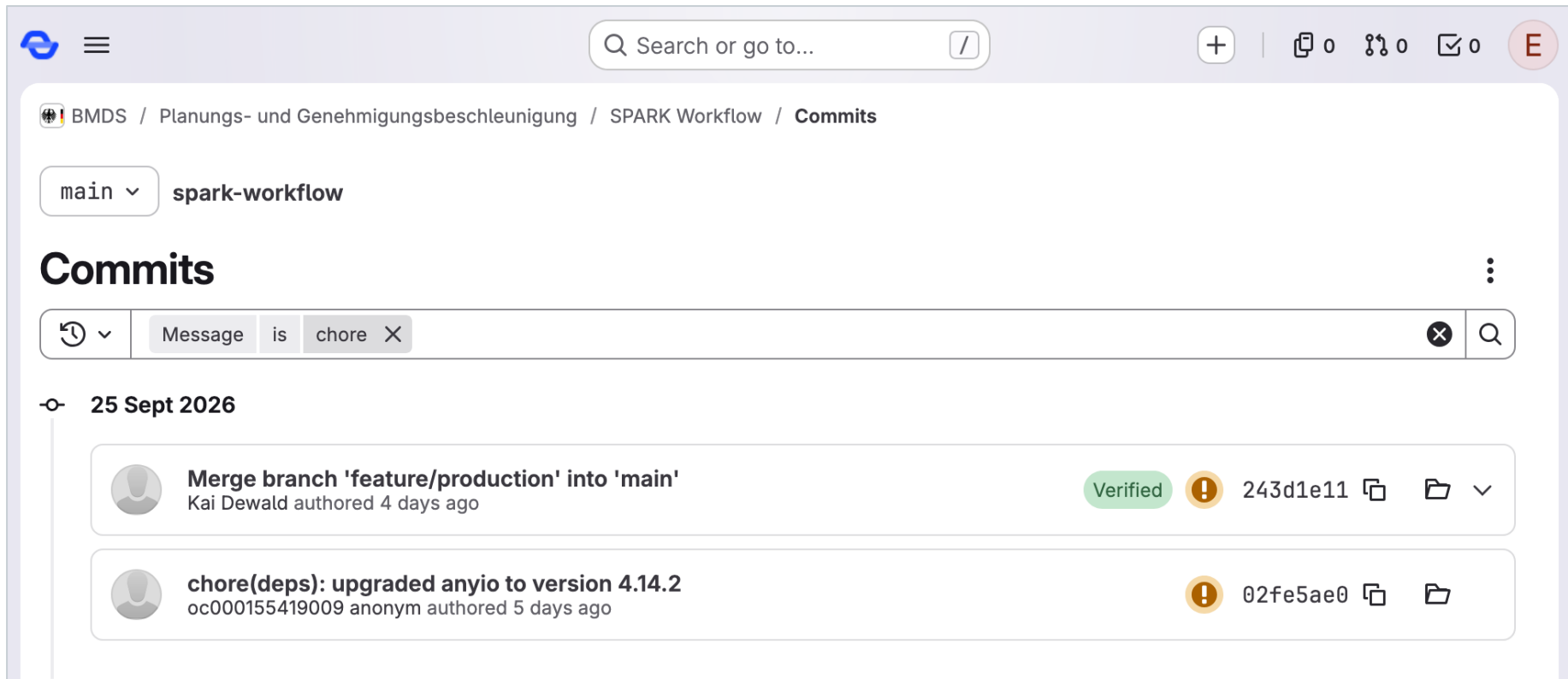
 [companieshouse](#) / [lfp-appeals-frontend](#)

 [SkillsFundingAgency](#) / [das-employerfinance](#)

 [ministryofjustice](#) / [fb-user-guide](#)

 [pdincubus](#) / [vbi](#)

Open Source in 2026



The screenshot shows a GitHub repository interface for 'spark-workflow'. The breadcrumb path is 'BMDS / Planungs- und Genehmigungsbeschleunigung / SPARK Workflow / Commits'. The current branch is 'main'. The 'Commits' section is active, showing a filter for 'Message is chore'. Two commits are listed for '25 Sept 2026':

- Merge branch 'feature/production' into 'main'**
Kai Dewald authored 4 days ago
Status: Verified (green badge)
Commit hash: 243d1e11
- chore(deps): upgraded anyio to version 4.14.2**
oc000155419009 anonym authored 5 days ago
Commit hash: 02fe5ae0

Each commit entry includes a copy icon and a folder icon.

Service standard

Service standard



DIN
SPEC
66336

1. Understand users and identify needs
2. Describe the problem and define goals
3. Take responsibility and secure resources
4. Develop, test, and adapt solutions, and integrate domain expertise
5. Reuse what already exists and co-design new solutions
6. Ensure accessible use
7. Respect open standards, provide interfaces
8. Implement data protection
9. Ensure security and build trust
10. Use open source and share code
11. Ensure availability and resolve disruptions
12. Measure impact and build on results
13. Identify legal hurdles and improve regulations

Nutzende verstehen und Bedürfnisse erkennen

- 1 Schaffen Sie die Grundlage für einen Service, der Nutzenden wirklich hilft. Finden Sie heraus, wer Ihre Nutzenden sind und was sie in ihrer Situation brauchen. Schauen Sie nicht nur darauf, wie Nutzende den Service bedienen. Entscheidend ist, was sie erreichen wollen und was ihnen dabei hilft.



Support

Sie haben Fragen zum Servicestandard oder zur DIN SPEC 66336?

Rufen Sie die Hotline [0170 / 36 72 758](tel:01703672758) an, um Ihre Fragen zu klären.

Montag und Freitag von 11:00 Uhr bis 14:00 Uhr

Sie können auch eine E-Mail an servicestandard@digitalservice.bund.de schicken.

Geben Sie uns Feedback

Ihr Feedback hilft uns, den Servicestandard an den Bedürfnissen der Nutzenden auszurichten. Beschreiben Sie Ihr Anliegen so detailliert wie möglich. Geben Sie keine persönlichen Daten ein.

D-Stack

D-Stack

Criteria

Digital sovereignty

Interoperability

Future-proof

Market relevance

Trustworthiness

Sustainability

Foundational services

Identity & trust (EUDI)

Data exchange

Data access (NOOTS)

Payment

Notification & mailbox

Strategy ▾

Home > Systems >



EUDI Wallet 

Start

Project

App ▾

Ecosystem ▾

Events ▾

Service & Help ▾

EN ▾



Simple in everyday life. Secure for your data. The EUDI Wallet.

The EUDI Wallet lets you store your ID and credentials on your smartphone – secure, privacy-friendly, and recognized across Europe.

↓ Learn more



For companies, organizations and administrations: → Become an ecosystem partner now!

D-Stack

Criteria

Digital sovereignty
Interoperability
Future-proof
Market relevance
Trustworthiness
Sustainability

Foundational services

Identity & trust (EUDI)
Data exchange
Data access (NOOTS)
Payment
Notification & mailbox

Building blocks

AI services
Citizen front-end
SaaS Marketplace
...

Agentic AI Hub

Agentic AI Hub



two weeks

600 applications
400 start-ups
200 municipalities



across the country

major cities
rural districts



20 pilot projects

3 months
70% in real use
16/18 successful

Questions?

Please feel free to reach out

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