



Open-Code-Austauschplattform

Plateforme d'échange pour le code de l'administration publique

Eine Umgebung für Code aus der Verwaltung
Jan Wunder, Félix Luginbühl, Niklas Haffert
Cloud & Workplace Day 2026,
Luzern · 19. August 2026

Vom Katalog zur gemeinsamen Laufzeitumgebung *Du catalogue à l'environnement d'exécution commun*



Wer es betreibt – und worauf es läuft *Qui l'exploite – et sur quoi ça tourne*



Bundes-IT-Sicherheit

Sécurité IT de la Confédération

vom BIT betrieben · AGOV-Login · Pakete gescannt
*exploitée par l'OFIT · login AGOV · paquets
scannés*



Open Source

Open source

OpenShift, Git, R, Python
une pile entièrement open source



Keine Schatten-IT

Pas d'informatique de l'ombre

freigegebene Umgebung statt lokaler Installation
*un environnement approuvé plutôt que des
installations locales*



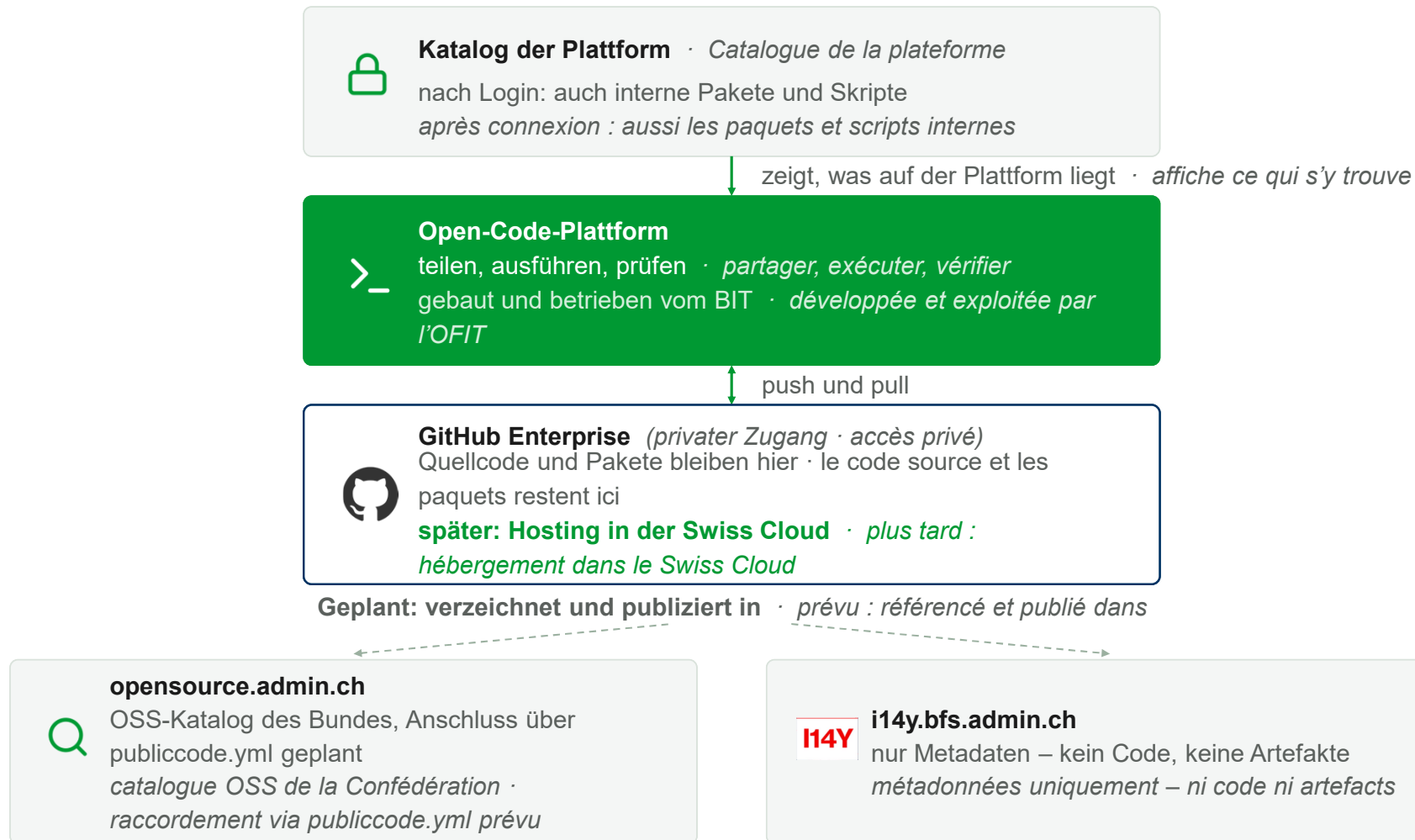
Ab 2027 offen für Bund, Kantone, Gemeinden

Dès 2027 : Confédération, cantons, communes

Prototyp läuft, Betriebsmodell wird erarbeitet
*le prototype tourne, le modèle d'exploitation
s'élabore*



Einordnung: wo die Plattform andockt *Positionnement : les points d'ancrage de la plateforme*



DEMO 1/6 swissstatsr.org – der öffentliche Katalog *le catalogue public*

The screenshot shows a web browser window with the URL <https://swissstatsr.org>. The page has a red header with navigation links: Home, Articles, Submission, and About. The main content area is titled "Swiss Stats R" and includes the tagline "Open source software made in Switzerland." Below this, there is a section for "R packages" with a search bar containing "BFS". The search results show a table with columns: NAME, DESCRIPTION, MAINTAINER, and BADGES. The table lists the "BFS" package, described as "Get Data from the Swiss Federal Statistical Office", maintained by "Felix Luginbuhl". The badges section shows "r-universe 0.7.2", "R-CMD-check passing", and "CRAN 0.7.2", along with a link to "try it online in RStudio". Below the table, it says "Showing 1 to 1 of 1 entries (filtered from 20 total entries)". At the bottom, there is a subscription form with the text "Subscribe to receive our last articles by email:" and a "Subscribe" button. The footer includes a disclaimer: "By subscribing you agree to Substack's Terms of Use, our Privacy Policy and our Information collection notice".

Swiss Stats R

Open source software made in Switzerland.

R packages

Search: BFS

NAME	DESCRIPTION	MAINTAINER	BADGES
BFS	Get Data from the Swiss Federal Statistical Office	Felix Luginbuhl	r-universe 0.7.2 R-CMD-check passing CRAN 0.7.2 try it online in RStudio

Data from the [Swiss Stats R universe](#).

Showing 1 to 1 of 1 entries (filtered from 20 total entries)

Previous 1 Next

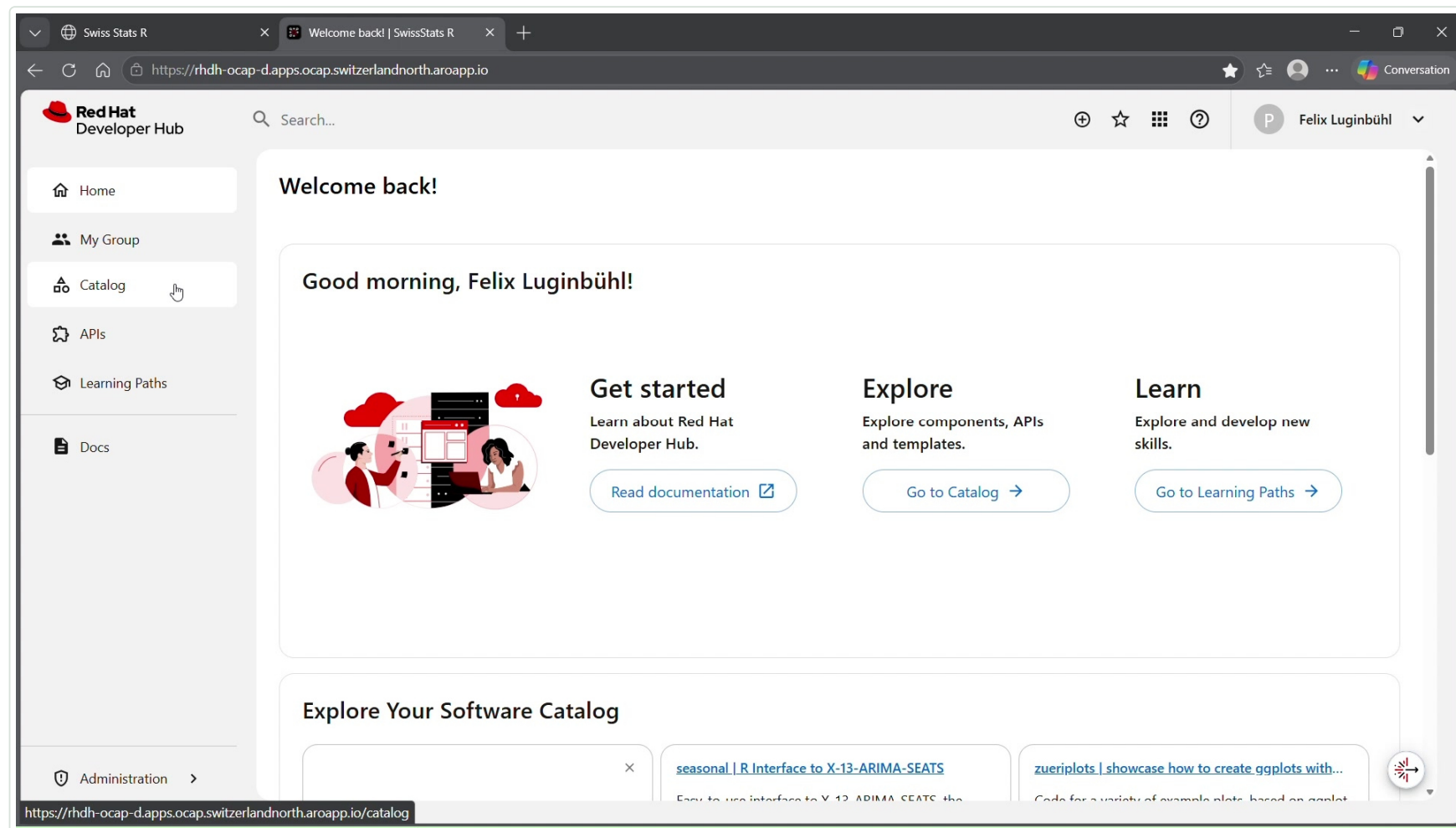
Subscribe to receive our last articles by email:

Type your email... [Subscribe](#)

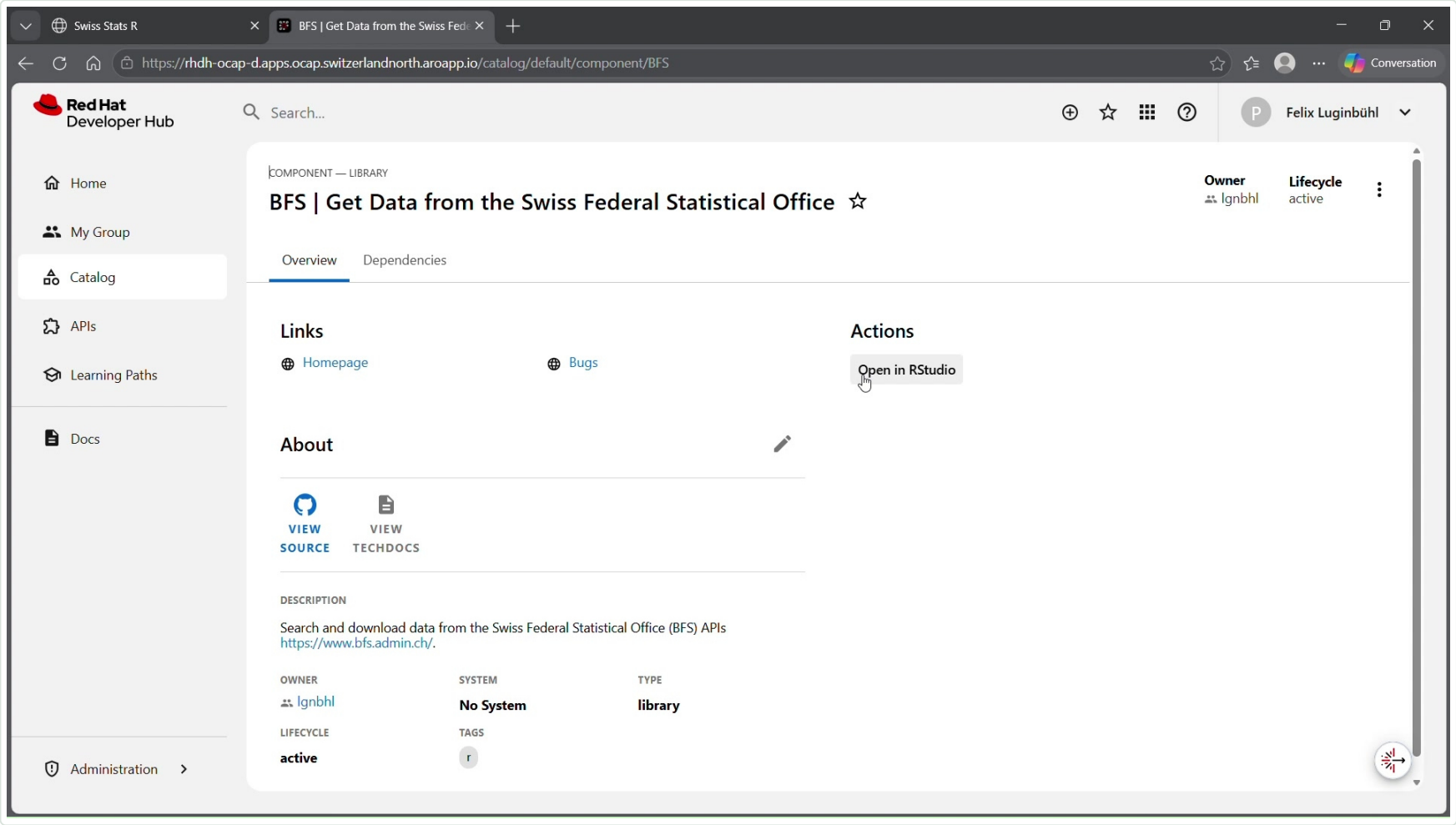
By subscribing you agree to [Substack's Terms of Use](#), [our Privacy Policy](#) and [our Information collection notice](#)



DEMO 2/6 Developer Hub – Einstieg nach AGOV-Login *l'accueil après connexion AGOV*



DEMO 3/6 Paket im Katalog – Doku, Status, Aktionen *un paquet au catalogue : doc, statut, actions*



Swiss Stats R

BFS | Get Data from the Swiss Federal Statistical Office

https://rhdh-ocap-d.apps.ocap.switzerlandnorth.aroapp.io/catalog/default/component/BFS

Red Hat Developer Hub

Search...

Home

My Group

Catalog

APIs

Learning Paths

Docs

Administration

COMPONENT — LIBRARY

BFS | Get Data from the Swiss Federal Statistical Office ☆

Owner: Ignbhl

Lifecycle: active

Overview Dependencies

Links

Homepage

Bugs

Actions

Open in RStudio

About

VIEW SOURCE

VIEW TECHDOCS

DESCRIPTION

Search and download data from the Swiss Federal Statistical Office (BFS) APIs
<https://www.bfs.admin.ch/>.

OWNER: Ignbhl

SYSTEM: No System

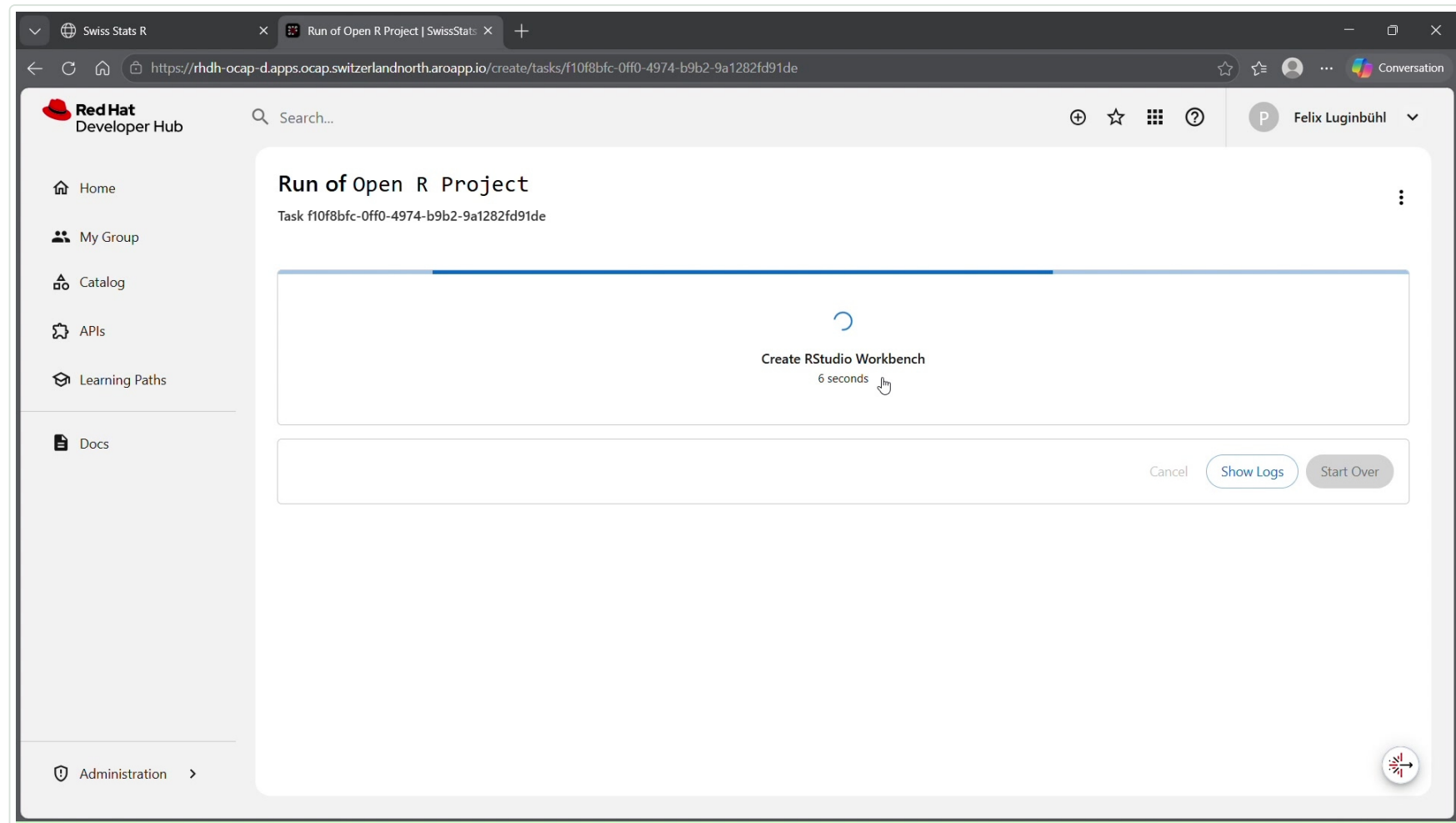
TYPE: library

LIFECYCLE: active

TAGS: r



DEMO 4/6 Template ausführen – RStudio-Workbench erstellen *exécuter un template : créer un workbench RStudio*



DEMO 5/6 RStudio im Browser – R 4.6.1 *RStudio dans le navigateur*

The screenshot displays the RStudio web interface in a browser. The browser's address bar shows the URL: `https://rh-ai.apps.ocap.switzerlandnorth.aroapp.io/notebook/rhai-user-felix-luginbuehl/workbench-rstudio/rstudio/`. The RStudio interface includes a menu bar (File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help) and a toolbar. The main editor window shows a file named `README.Rmd` with the following R code:

```
## Access Swiss Stats Explorer API

To get data from the [Swiss Stats Explorer API](https://stats.swiss/) (SSE) you first create a
query using the metadata codelist from SSE using the bfs_get_sse_metadata() function. First
get the codelist of a BFS dataset:

```{r}
codelist <- bfs_get_sse_metadata("DF_LWZ_1", language = "en")
codelist
```

Then filter the codelist to build your query:

```{r}
querydat <- codelist %>%
 dplyr::filter((code == "GR_KT_GDE" & valueText %in% c("Aarau", "Olten"))) |
```

The console window at the bottom shows the execution of the code:

```
> library(BFS)
> codelist <- bfs_get_sse_metadata("DF_LWZ_1", language = "en")
```

The environment pane on the right indicates that the environment is empty. The file explorer on the bottom right shows a list of files and folders in the `BFS` directory:

Name	Size	Modified
BFS.Rproj	378 B	18 août 2026, 10:11
CODE_OF_CONDUCT.md	5.1 KB	18 août 2026, 10:11
codecov.yml	232 B	18 août 2026, 10:11
codemeta.json	8.2 KB	18 août 2026, 10:11
data		
data-raw		
DESCRIPTION	1.5 KB	18 août 2026, 10:11
docs		
LICENSE.md	34.1 KB	18 août 2026, 10:11
man		
NAMESPACE	1 KB	18 août 2026, 10:11
NEWS.md	5.1 KB	18 août 2026, 10:11
pkgdown		
R		
README.md	35.6 KB	18 août 2026, 10:11
README.Rmd	25.1 KB	18 août 2026, 10:11
tests		



## DEMO 6/6 GitHub Enterprise – Repositories und Prüfungen *dépôts et vérifications*

The screenshot displays the GitHub Enterprise interface for the 'schulung' organization. The main content area shows a list of 28 repositories under the 'All' tab. The repositories listed are:

- testtourism2** (Internal): R package for testtourism2. Updated yesterday.
- newtest111** (Internal): R package for newtest111. Updated 4 days ago.
- newtest** (Internal): R package for newtest. Updated 4 days ago.
- weather-analysis-demo** (Internal): Jupyter Notebook. Updated 2 weeks ago.
- testtk** (Internal): R package for testtk. Updated 2 weeks ago.
- bosch-schulung-2** (Internal): R package for bosch-schulung-2.

The left sidebar shows navigation options: Overview, Repositories (28), Projects, Packages, Teams, People (27), Security and quality, Insights, and Settings. The top navigation bar includes a search bar and a 'New repository' button.



# Vom Code zum Marktplatz für geprüfte Artefakte *Du code à une place de marché d'artefacts vérifiés*

**Finanzierung gesichert (DVS)**  
*financement assuré (ANS)*



2026-2027

## Code

R- und Python-Pakete, geprüft  
*paquets R et Python, vérifiés*

Prototyp und Pilot · prototype et pilote

das Projekt · le projet

**Vision – Finanzierung noch offen**  
*vision – financement encore ouvert*



2028

## Skills

KI-Skills und Metadaten  
*skills d'IA et métadonnées*

gleiche Pipeline, gleiche Prüfung ·  
même pipeline, mêmes contrôles

die Vision · la vision



ab 2029 · dès 2029

## Modelle · Modèles

offene Modelle, geprüft  
*modèles ouverts, vérifiés*

souveräne Inferenz in der Schweiz ·  
inférence souveraine en Suisse

die Vision · la vision



# Besten Dank! *Merci !*

Getestet in allen Landesteilen und Sprachregionen · *testé dans toutes les régions et langues du pays*



SG



Stadt Zürich



ZH



BS



AG



LU



FR



VD



TI



BFS

Ermöglicht durch · *rendu possible par*



Digitale Verwaltung Schweiz  
Administration numérique suisse  
Amministrazion digitale Svizzeria

**Digitale Verwaltung Schweiz (DVS)**

Finanzierung · *financement*



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

**BIT – Bundesamt für Informatik und Telekommunikation**

Entwicklung und Betrieb · *développement et exploitation*



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

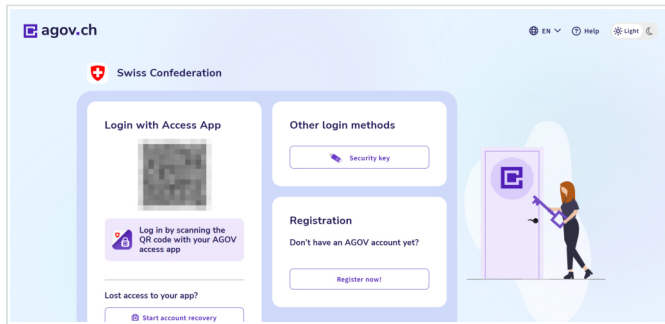
**BFS – Bundesamt für Statistik**

Projektpartner und Tester · *partenaire du projet et testeur*

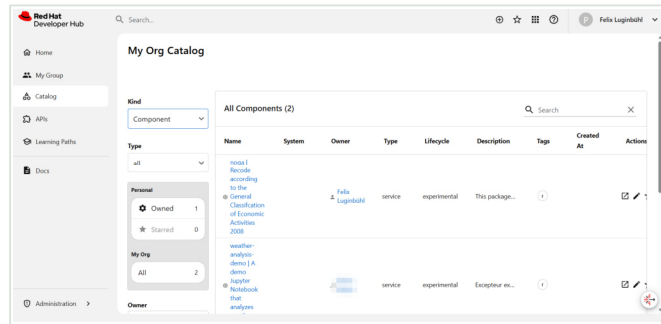


[swissstatsr.org](https://swissstatsr.org)

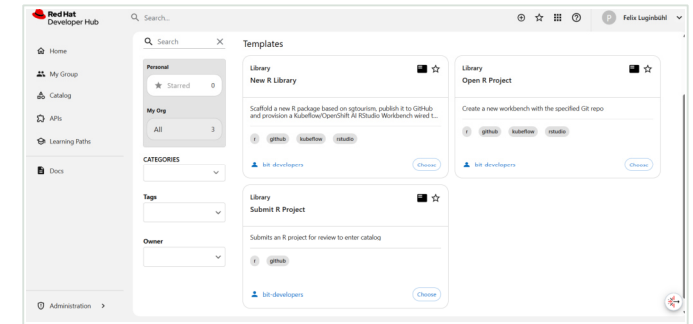
# Backup: Der Prototyp heute *Le prototype aujourd'hui*



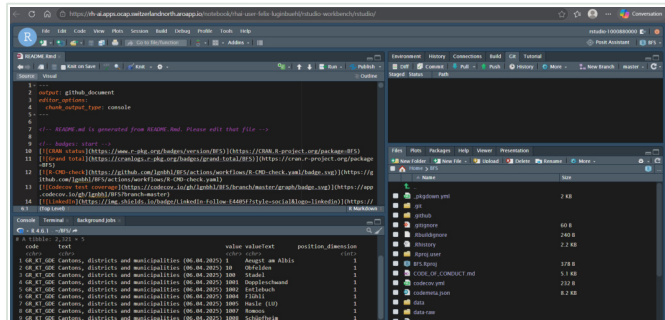
**1 · Login mit AGOV – eine Identität**  
*une seule identité*



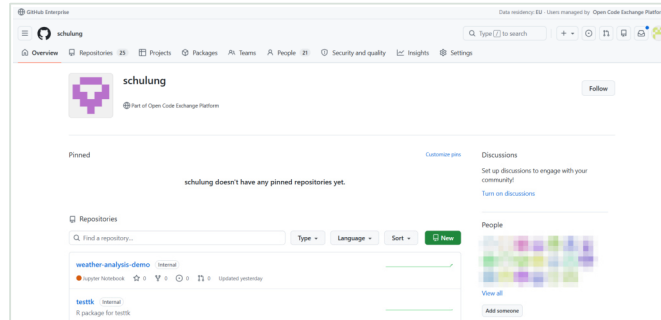
**2 · Developer Hub – Katalog dessen, was existiert**  
*le catalogue de l'existant*



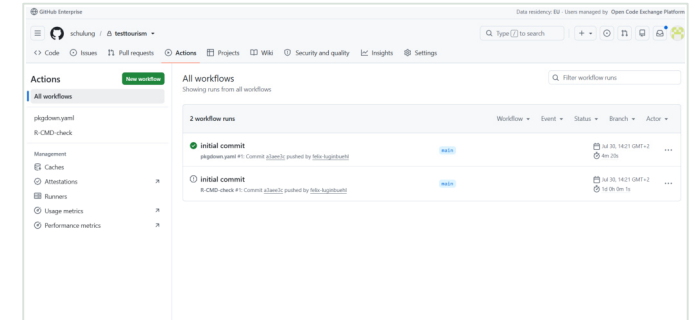
**3 · Templates – neues R-Paket aufsetzen**  
*créer un paquet R*



**4 · RStudio im Browser – R 4.6.1**  
*RStudio dans le navigateur*



**5 · GitHub Enterprise – Datenhaltung EU**  
*données hébergées dans l'UE*



**6 · Automatische Prüfungen bei jedem Push**  
*contrôles automatiques à chaque push*

