



Italian software catalog

Three main components + one file
format

- **publiccode.yml**
- **publiccode-crawler:** discovers new software and updates the catalog
- **developers-italia-api:** tracks publishers & software
- **UI:** end user frontend





3. UI

2. developers-italia-api

1. publiccode-crawler

publiccode
.yaml

publiccode
.yaml

publiccode
.yaml

publiccode
.yaml

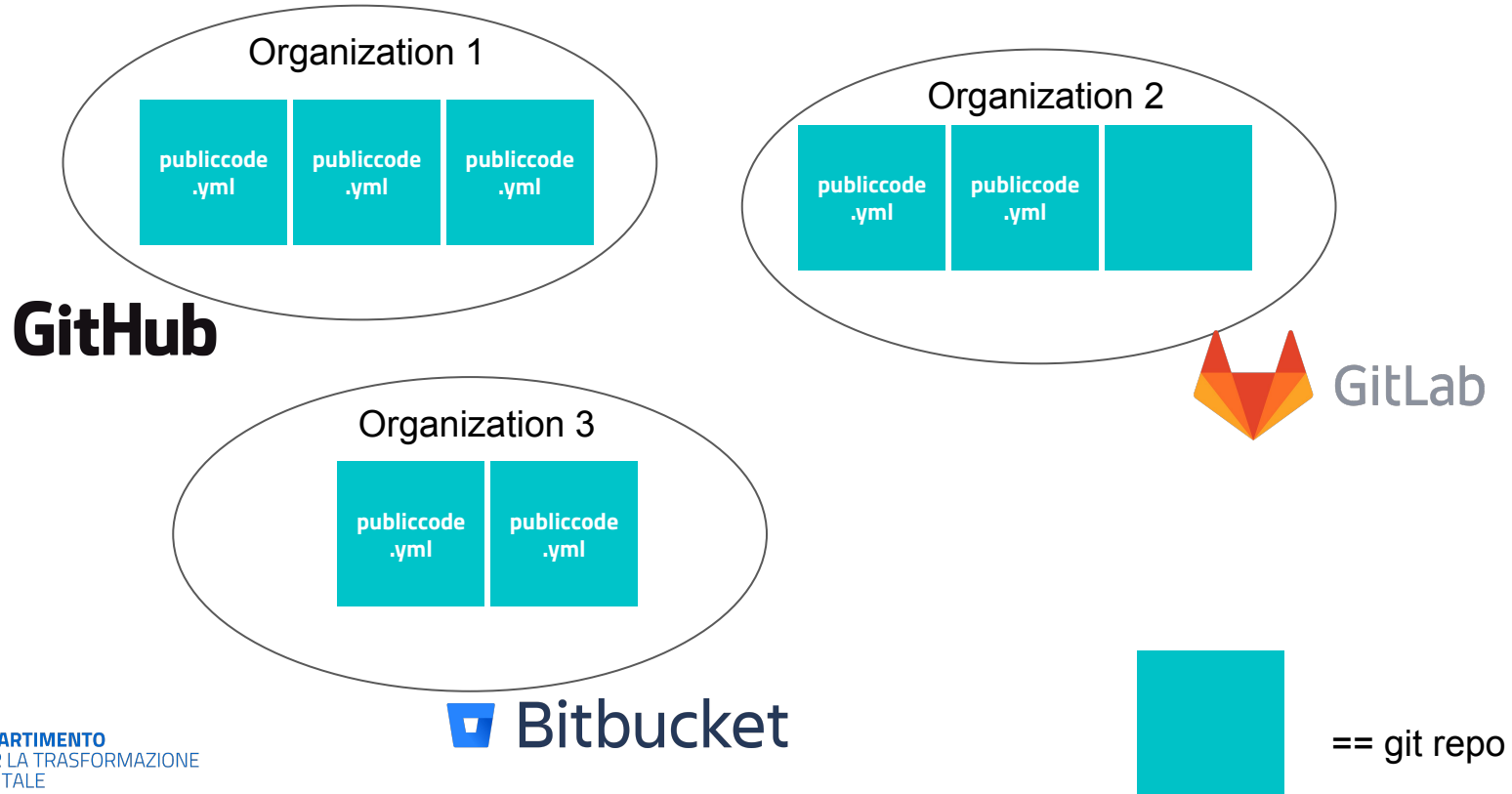
publiccode
.yaml

publiccode
.yaml

```
publiccodeYmlVersion: '0.3'
categories:
  - geographic-information-systems
description:
  en:
    apiDocumentation: 'https://leafletjs.com/reference.html'
    documentation: 'https://leafletjs.com/examples.html'
    features:
      - GIS
      - Interactive maps
    longDescription: |
      Leaflet is the leading open-source JavaScript library for mobile-friendly
      interactive maps. Weighing just about 39 KB of JS, it has all the mapping
      [features](https://leafletjs.com/#features) most developers ever need.
    shortDescription: An open-source JavaScript library for mobile-friendly interactive maps
  developmentStatus: stable
  landingURL: 'https://leafletjs.com/'
  legal:
    license: BSD-2-Clause
    mainCopyrightOwner: Vladimir Agafonkin
  localisation:
    availableLanguages:
      - en
    localisationReady: false
  maintenance:
    contacts:
      - name: Vladimir Agafonkin
        type: community
  name: Leaflet
  logo: https://leafletjs.com/docs/images/logo.png
  platforms:
    - web
  releaseDate: '2022-04-18'
  softwareType: library
  softwareVersion: v1.8.0
  url: 'https://github.com/Leaflet/Leaflet'
```

<https://yml.publiccode.tools>

publiccode.yml



1. publiccode-crawler

Crawls the publiccode.yml files from the repos

<https://github.com/italia/publiccode-crawler>

```
~/dev/publiccode-crawler on   main [?!?] via   v1.19.3
> ./publiccode-crawler
A fast and robust publiccode.yml file crawler.
Complete documentation is available at https://github.com/italia/publiccode-crawler

Usage:
  crawler [flags]
  crawler [command]

Available Commands:
  crawl           Crawl publiccode.yml files in publishers' repos.
  download-publishers Download the list of repos and orgs from the onboarding portal.
  help           Help about any command
  one            Crawl publiccode.yml from one single [repo url].
  version        Print the version number of the crawler.

Flags:
  -h, --help  help for crawler

Use "crawler [command] --help" for more information about a command.
```



publiccode-crawler

2. developers-italia-api

REST API

<https://github.com/italia/developers-italia-api>



DIPARTIMENTO
PER LA TRASFORMAZIONE
DIGITALE

software Operations on software

GET /software List all software

POST /software Create a new Software

GET /software/{softwareId} Get a Software

PATCH /software/{softwareId} Update a Software

DELETE /software/{softwareId} Delete a Software

GET /software/{softwareId}/logs List all Logs for a Software

publishers Operations on publishers

GET /publishers List all Publishers

POST /publishers Create a new Publisher

GET /publishers/{publisherId} Get a Publisher

PATCH /publishers/{publisherId} Update a Publisher

DELETE /publishers/{publisherId} Delete a Publisher

GET /publishers/webhooks List all Webhooks for Publishers

POST /publishers/webhooks Create Webhook for Publishers

GET /publishers/{publisherId}/webhooks List all Webhooks for a Publisher

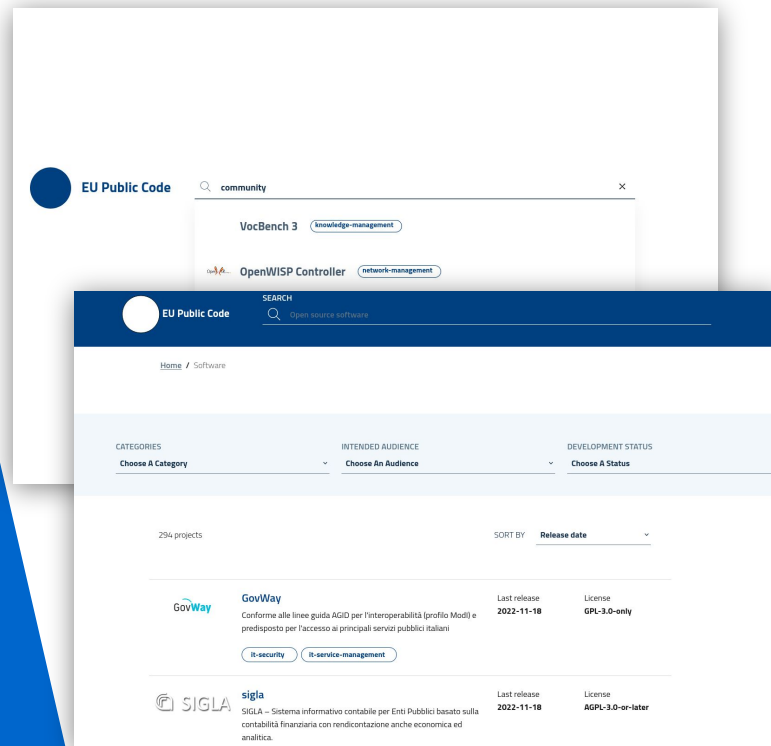
POST /publishers/{publisherId}/webhooks Create Webhook for a Publisher

publiccode-ui

3. publiccode-ui

Catalog frontend

<https://github.com/italia/publiccode-ui>



developers-italia-api

Contacts



<https://developers.italia.it>



<https://slack.developers.italia.it>



@developersITA



DIPARTIMENTO
PER LA TRASFORMAZIONE
DIGITALE

ICONE VARIE

