



Integration of GitHub repos in Zenodo

OEG-UPM community

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📅 14/11/2019
📍

■ Zenodo

- Open-access repository developed under the European [OpenAIRE](#) program and operated by [CERN](#).
- Enables researchers from all disciplines to share and preserve their research outputs, regardless of size or format

■ GitHub

- website and cloud-based service that helps developers store and manage their code, as well as track and control changes to their code

- Advantages of integration in Zenodo:
 - allows users to have unique ownership over their collections.
 - accepts research products in many forms.
 - made specifically for the scientific community.
 - assign a DOI to each dataset and also to each publication.
 - safely storage for the future.
 - supposed to be always for free.









- Login in (Zenodo)
 - Having an account or throughout Github account
- Select Github

The screenshot shows the Zenodo homepage. At the top is a blue navigation bar with the Zenodo logo, a search bar, and links for 'Upload' and 'Communities'. A user profile dropdown menu is open, showing options like 'Profile', 'Change password', 'Security', 'Linked accounts', 'Applications', 'Shared links', 'GitHub', and 'Log out'. Below the navigation bar, the 'Recent uploads' section features a card for 'Colour 0.3.14', an open-source software package. The card includes the release date (April 20, 2018), a 'View' button, and a list of authors. A description of the package is provided, along with the upload date (October 26, 2019) and a note that 14 more versions exist for this record. To the right of the upload card, there are two promotional banners: one for Zenodo's new statistics support and another for GitHub integration, titled 'Using GitHub? Software Preservation Made Simple!'.


- Connect Github

This screenshot shows the 'Connect Github' interface within the Zenodo account settings. On the left is a 'Settings' sidebar with a list of options: Profile, Change password, Security, Linked accounts, Applications, Shared links, and GitHub (which is currently selected). The main content area has a header 'GitHub' and a large heading 'Software preservation made simple!'. Below this heading is a prominent 'Connect' button. At the bottom of the main area, a text instruction reads: 'To get started, click "Connect" and we will get a list of your repositories from GitHub.'


- You will be shown the list of public Github repositories you can integrate

Repositories	
If your organization's repositories do not show up in the list, please ensure you have enabled third-party access to the Zenodo application. Private repositories are not supported.	
 TBFY/WP1-Deliverables	<input type="checkbox"/> OFF
 TBFY/bmbv-better-markets-better-value	<input type="checkbox"/> OFF
 TBFY/copin-compra-publica-inclusive	<input type="checkbox"/> OFF
 TBFY/crosslinguality	<input type="checkbox"/> OFF
 TBFY/edp-economic-data-portal	<input type="checkbox"/> OFF
 TBFY/entity_linking	<input type="checkbox"/> OFF
 TBFY/general	<input type="checkbox"/> OFF
 TBFY/harvester	<input type="checkbox"/> OFF

- Steps
 - Follow these three simple steps:

 **GitHub Repositories**

(updated 49 minutes ago) [Sync now ...](#)



Get started

1 Flip the switch

Select the repository you want to preserve, and toggle the switch below to turn on automatic preservation of your software.

ON

2 Create a release

Go to GitHub and [create a release](#). Zenodo will automatically download a .zip-ball of each new release and register a DOI.

3 Get the badge

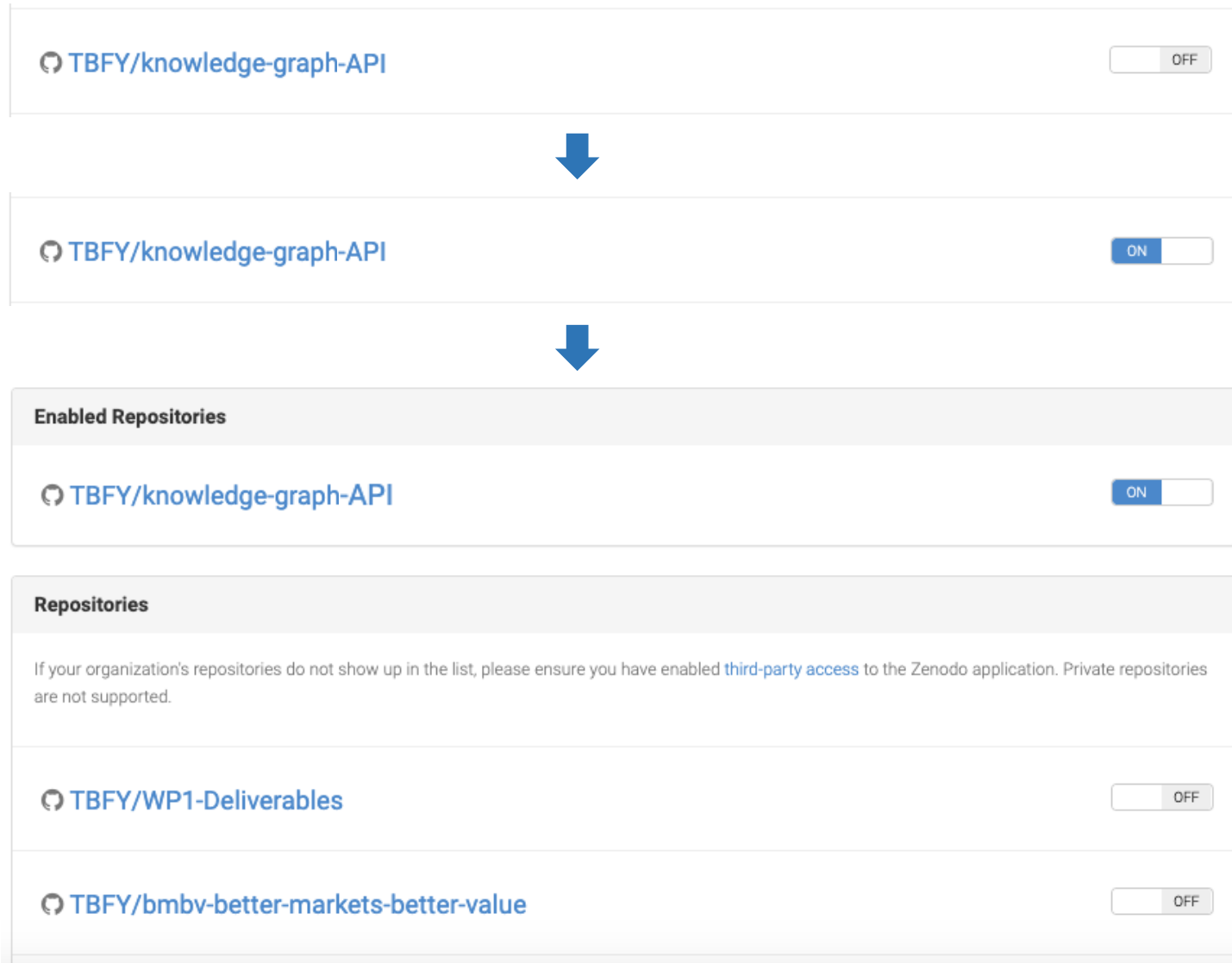
After your first release, a DOI badge that you can include in GitHub README will appear next to your repository below.

DOI

10.5281/zenodo.8475

(example)

- Flip the switch



- Create the release (Zenodo doesn't take into account previous releases) and go back to Zenodo

The screenshot shows the GitHub repository page for `TBFY / knowledge-graph-API`. The repository has 180 commits, 1 branch, 2 releases, and 4 contributors. The '2 releases' link is highlighted with a blue box. A blue arrow points from this box to a 'Draft a new release' button in a second screenshot of the same repository page, where the 'Releases' tab is selected.

Repository: TBFY / knowledge-graph-API

Unwatch 5 Star 0 Fork 1

Code Issues 2 Pull requests 0 Projects 3 Wiki Security Insights Settings

This repository is dedicated to the core API of the TheyBuyForYou project built on top of R4R (<https://github.com/TBFY/r4r>)

Manage topics

180 commits 1 branch 2 releases 4 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

fyedro Add files via upload Latest commit 377b0ff 9 days ago

documentation	Documentation v0.1	29 days ago
resources	no message	12 days ago
.travis.yml	Update .travis.yml	10 days ago
API_description.yaml	no message	3 months ago

Releases Tags

Draft a new release

- Get the badge
 - A DOI will be obtained (one different for each release)

The screenshot illustrates the process of integrating a GitHub repository with Zenodo. It is divided into three main sections:

- Enabled Repositories:** This section shows the repository 'TBFY/knowledge-graph-API' with its DOI '10.5281/zenodo.3521681' and a toggle switch set to 'ON'.
- Repositories:** This section contains a message: 'If your organization's repositories do not show up in the list, please ensure you have enabled [third-party access](#) to the Zenodo application. Private repositories are not supported.' Below this, the repository 'TBFY/WP1-Deliverables' is shown with a toggle switch set to 'OFF'.
- GitHub / Releases:** This section shows a release for 'TBFY/knowledge-graph-API' with the version 'v0.2'. It includes the DOI '10.5281/zenodo.3521681' and a status of 'Published' with a timestamp of '10 days ago'. A 'Create release ...' button is visible in the top right of this section.

A large blue arrow points from the 'Enabled Repositories' section down to the 'GitHub / Releases' section, indicating the flow of the integration process.

- Get the badge

DOI Badge

This badge points to the latest released version of your repository. If you want a DOI badge for a specific release, please follow the DOI link for one of the specific releases and grab badge from the archived record.

Markdown

```
[! [DOI] (https://zenodo.org/badge/167214336.svg)] (https://zenodo.org/bad
```

reStructuredText

```
.. image:: https://zenodo.org/badge/167214336.svg
   :target: https://zenodo.org/badge/latestdoi/167214336
```

HTML

```
<a href="https://zenodo.org/badge/latestdoi/167214336"><img src="https:
```

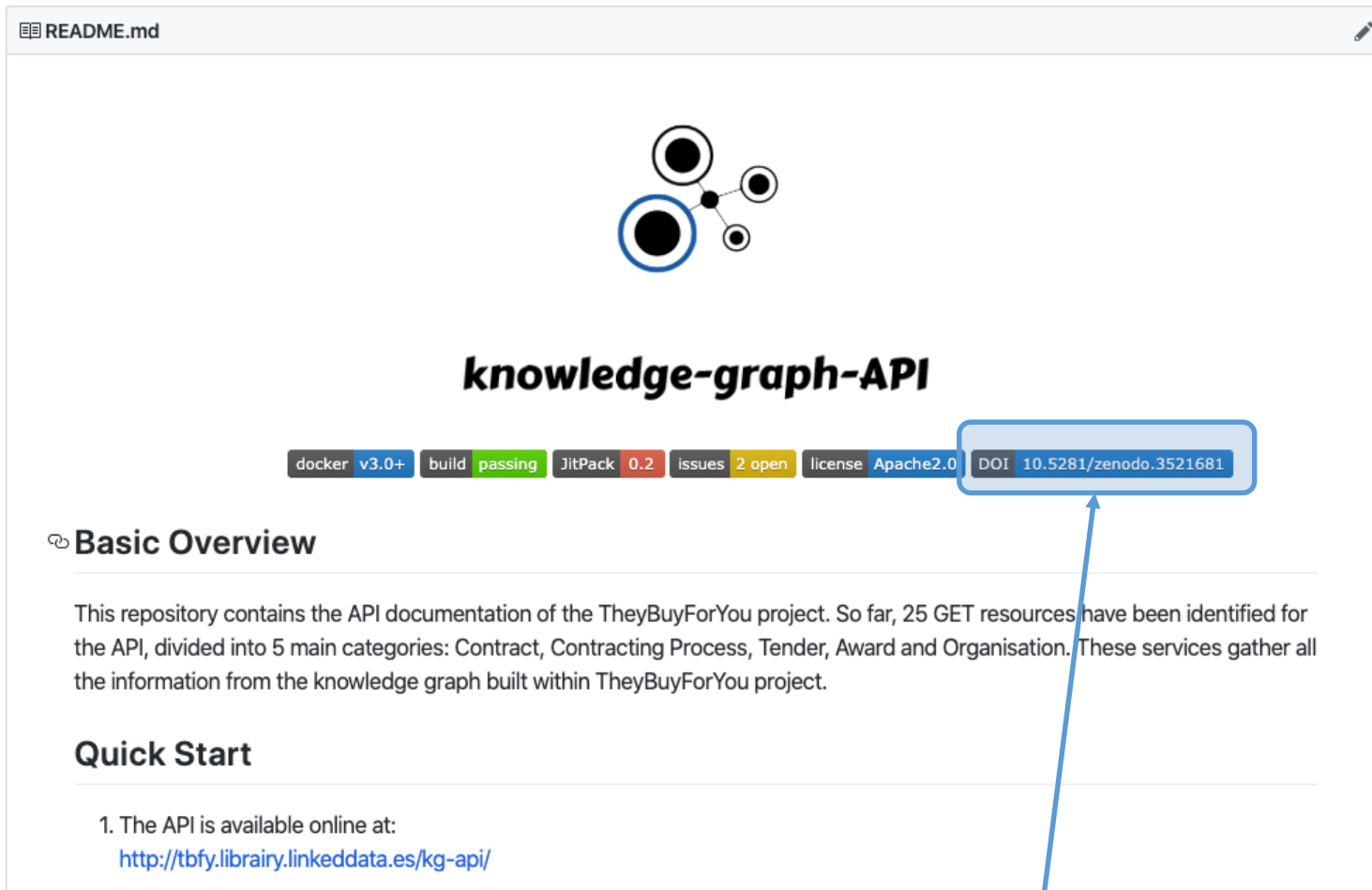
Image URL

```
https://zenodo.org/badge/167214336.svg
```

Target URL


```
https://zenodo.org/badge/latestdoi/167214336
```

- Get the badge



The screenshot shows a GitHub repository page for 'knowledge-graph-API'. At the top, there's a logo consisting of four circles of varying sizes connected by lines. Below the logo, the title 'knowledge-graph-API' is displayed in a large, bold, black font. Underneath the title, there's a row of badges: 'docker v3.0+', 'build passing', 'JitPack 0.2', 'issues 2 open', 'license Apache2.0', and 'DOI 10.5281/zenodo.3521681'. The 'DOI' badge is highlighted with a blue box, and a blue arrow points from it down to the second bullet point. Below the badges, there's a section titled 'Basic Overview' with a paragraph of text. Further down, there's a 'Quick Start' section with a numbered list starting with '1. The API is available online at:'. The URL 'http://tbfy.library.linkeddata.es/kg-api/' is provided as a link.

README.md



knowledge-graph-API

docker v3.0+ build passing JitPack 0.2 issues 2 open license Apache2.0 DOI 10.5281/zenodo.3521681

Basic Overview

This repository contains the API documentation of the TheyBuyForYou project. So far, 25 GET resources have been identified for the API, divided into 5 main categories: Contract, Contracting Process, Tender, Award and Organisation. These services gather all the information from the knowledge graph built within TheyBuyForYou project.

Quick Start

1. The API is available online at:
<http://tbfy.library.linkeddata.es/kg-api/>

- You can cite your release from anywhere

- Created an OEG community in Zenodo
 - Community for the Ontology Engineering Group at Universidad Politécnica de Madrid
- Add your more relevant repositories to the community (two ways)
 1. New upload

Community for the Ontology Engineering Group at Universidad Politécnica de Madrid

Recent uploads

 New upload

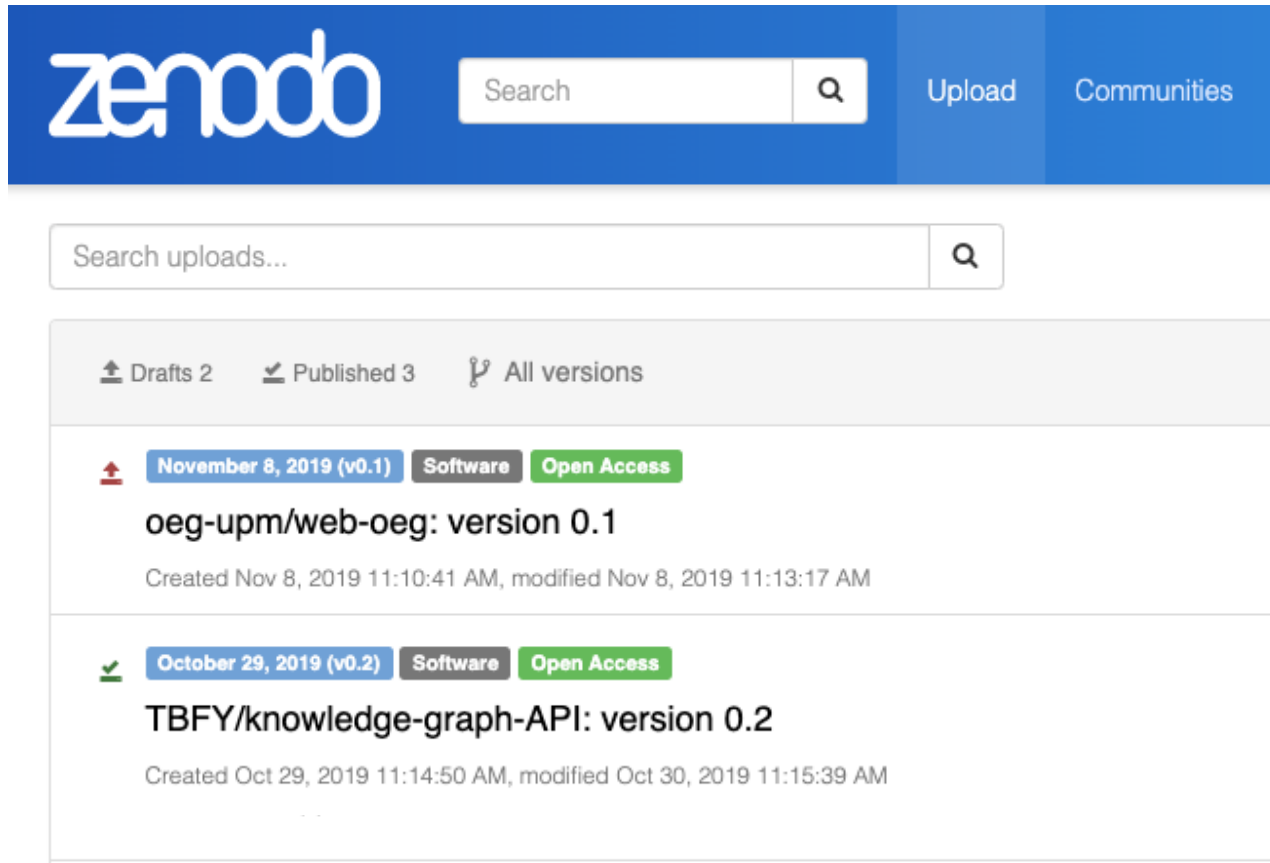
Community for the Ontology Engineering Group at Universidad Politécnica de Madrid

Curated by:
ocorcho

Curation policy:
Not specified

Created:
November 8, 2019

2. Using repositories already uploaded (easier option)



2. Using repositories already uploaded

- Edit your repository

October 29, 2019

Software

Open Access

TBFY/knowledge-graph-API: version 0.2

Francisco Yedro; Carlos Badenes-Olmedo; paulamanz; Oscar Corcho

version 0.2

Preview

knowledge-graph-API-v0.2.zip

TBFY-knowledge-graph-API-0673be2

◦ .travis.yml	41 Bytes
◦ API_description.yaml	28.6 kB
◦ Dockerfile	171 Bytes
◦ Documentation4Developers.ipynb	30.9 kB
◦ README.md	2.4 kB
◦ UseCase1.ipynb	17.3 kB

Edit

New version

Communities

Community for the EU
H2020 project
TheyBuyForYou

Remove

6

views

0

downloads

[See more details...](#)

2. Using repositories already uploaded


- Search you community, save and publish

Communities ⓘ


recommended ▾

Start typing a community name...

Q




Community for the EU H2020 project
TheyBuyForYou



Zenodo


Upload type

required ▾




Publication

☐




Poster

☐




Presentation

☐




Dataset

☐




Image

☐




Video/Audio

☐




Software

☒



Lesson

☐




Other

☐

Basic information

required ▾

 Digital Object Identifier

Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload. Please note that it is NOT possible to edit a Zenodo DOI once it has been registered by us, while it

Once the community owner has accepted the request, your repository will be available in the community



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