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Ya2ro: A tool for creating Research Objects from minimum metadata

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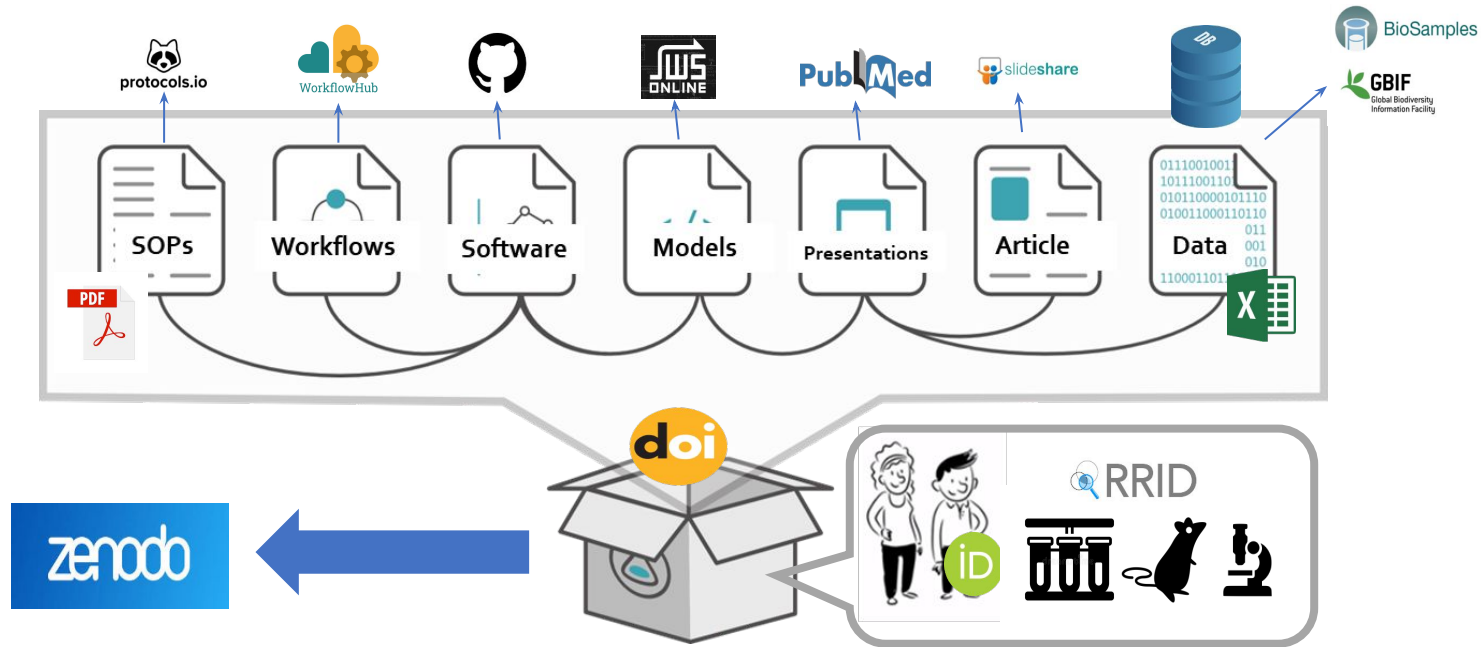
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Demo

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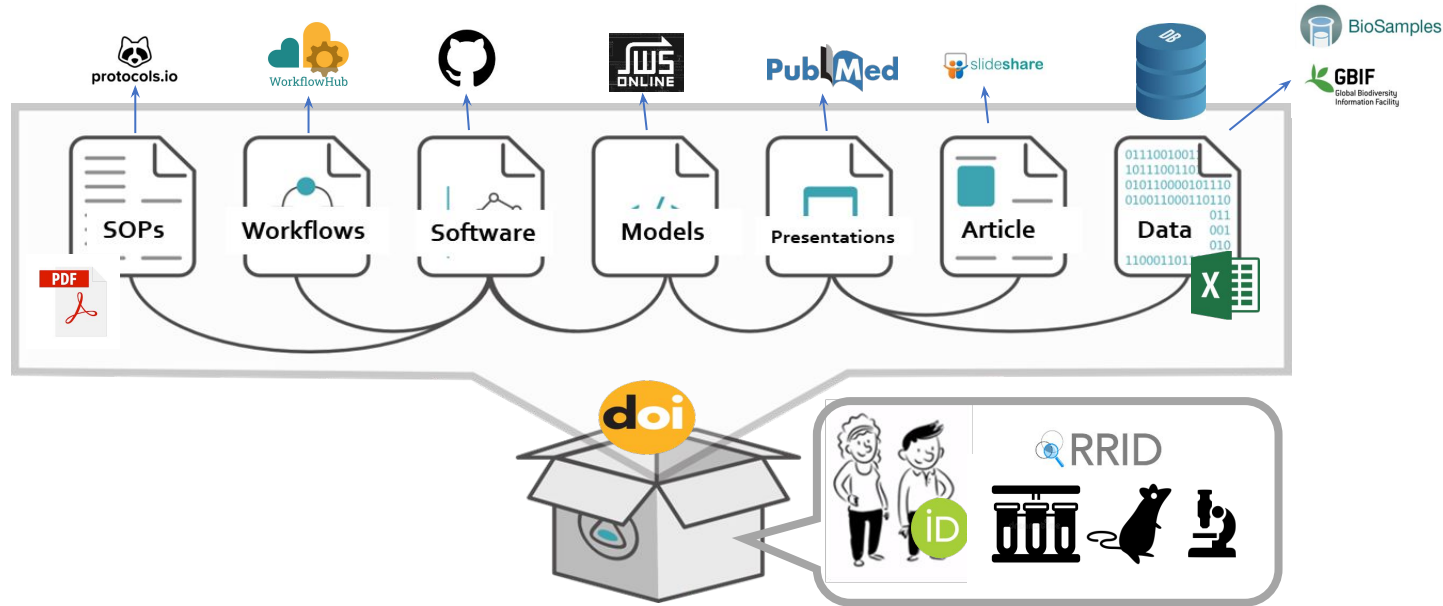
🐦 @dgarijov

<https://www.researchobject.org/>



Research Objects provide the means to represent all the inputs, outputs and context of a scientific investigation

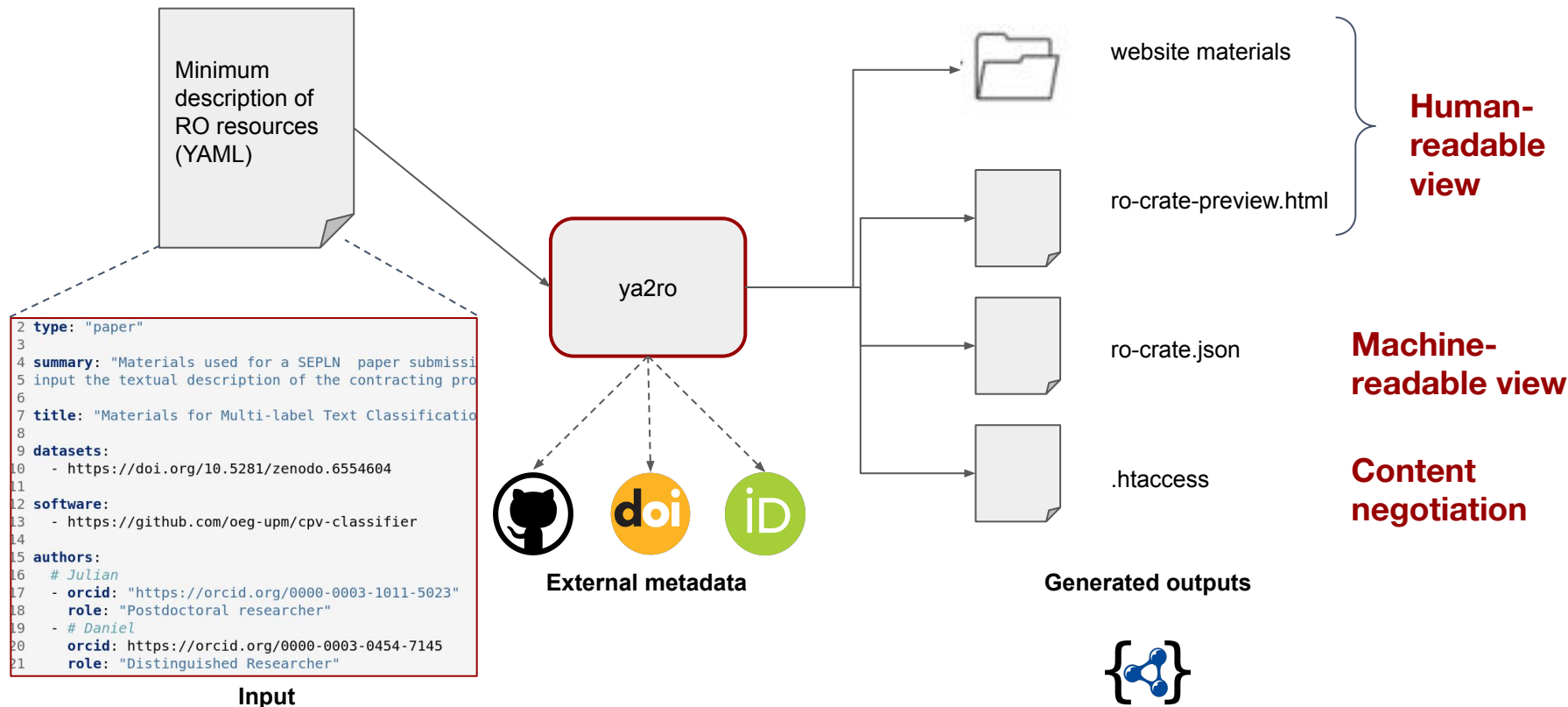
Slide derived from “RO-Crate: A framework for packaging research products into FAIR Research Objects” By Carole Goble and Stian Soiland-Reyes.



Many aggregated resources are **already described elsewhere**: **Datasets, Publications, Software, People** (DOIs, ORCIDs, Code repository URLs)

- Available under different APIs (JSON, SPARQL)
- Time-consuming to collect and integrate

Ya2RO collects and aggregates existing resource metadata



Materials for Multi-lal Procurement in Spanish

Summary

Summary

Datasets

Software

About the authors

Materials used for a SEPLN paper submission (to appear in the journal *Software for Spanish*, and improves the state of the art by providing a set of tools to access the contents of this Research object as a JSON-LD file.

```
curl -sH "accept:application/ld+json" -L http://w3id.org/dgarijo/ro/sepIn2022
```


Datasets

Datasets


- CPV Classifier training and test datasets
 - Description: Datasets used to test different approaches to CPV codes classification, using data extracted from the [Spanish Treasury](#).
 - License: <https://creativecommons.org/licenses/by/4.0/>

cpv-classifier

In this work we compare different approaches to Common Procurement Vocabulary (CPV) codes classification, using data extracted from the [Spanish Treasury](#).



0 stars
0 forks



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```
@context: "https://w3id.org/ro/crate/1.1/context"
@graph:
  0:
    @id: "ro-crate-metadata.json"
    @type: "CreativeWork"
    about:
      @id: "/"
    conformsTo:
      @id: "https://w3id.org/ro/crate/1.1"
      description: "RO-Crate Metadata File Descriptor (this file)"
```

Example: <https://w3id.org/dgarijo/ro/sepIn2022>

Ya2RO **saves time** when creating Research Objects by:

- Using a **simple YAML file** to list URLs of aggregated resources
- **Enriching resources** from external metadata in the RO
- Creating an **HTML representation** for the RO

<https://github.com/oeg-upm/ya2ro>



<https://pypi.org/project/ya2ro/>

