Creating a Customizable Open Source Dataverse Widget for Website Integration

Dataverse community meeting - June 2022

Baptiste Rouxel, CDSP, Sciences Po & CNRS
baptiste.rouxel@sciencespo.fr

DOI - 10.5281/zenodo.6653076

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Context

Center for Socio-Political Data (CDSP)

- Created in 2006
- Part of Sciences Po & the CNRS
- Based in Paris

Timeline

- 2006-2020: Nesstar
- 2017: current CDSP’s website
- 2020: data.sciencespo (Dataverse)

Datasets showcase page on the current CDSP’s website
The problem

- Efficiency and workflow issue: each dataset entry are manually created
- Redundancy: content from our website and our Dataverse is similar

→ High maintenance cost & not motivating / rewarding
The vision

- Easy way to integrate data from a Dataverse instance
- Adapt it to your usage and webpage design language (customization: style, features)
- Use cases examples:
  - Research center
  - Personal page (researcher or other)
  - Display datasets in a collection or with a common theme
Prototype demo & use case example

https://github.com/CDSP-SCPO/dataverse-feed
How to use & current features

- Add the widget to any webpage in a few lines of code
- Search
- Facets
- Pagination
- Customization
  - Search API parameters support:
    - Query, number of items per page, collection, ordering
  - Show/hide search field
  - Show/hide facets
  - Support for styling
Current limitations & possible improvements

- Multilingualism
- Older browsers
- Support for more search API parameters
- Support for other item types (collections, files)
- Add different ways to display the list and items (templates)
- Un-bootstrap it
- …
Thank you!

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