



## DDI, Dataverse and Colectica: our data management combo

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### ► To cite this version:

Alina Danciu, Geneviève Michaud. DDI, Dataverse and Colectica: our data management combo. 12th Annual European DDI User Conference (EDDI20), Nov 2020, En ligne, Paris, France. 10.5281/zenodo.4299083 . hal-03956404

HAL Id: hal-03956404

<https://sciencespo.hal.science/hal-03956404>

Submitted on 25 Jan 2023

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# DDI, Dataverse and Colectica: our data management combo

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Center for Socio-Political Data

EDDI 2020, 12th Annual European DDI Users Conference  
Virtual event  
December, 1, 2020

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## A quick look on...

**Going from Nesstar to Dataverse  
(study-level metadata)**

**Migrating DDI 1.2 to DDI 2.5**

**Using Colectica for variable management**

# Previous metadata & data management platforms

The screenshot displays a web-based metadata and data management platform. At the top left is the SciencesPo logo with the text "CENTRE DE DONNÉES SOCIO-POLITIQUES". At the top right is the CNRS logo. The interface has tabs for "DESCRIPTION", "TABULATION", and "ANALYSIS", with "DESCRIPTION" currently selected. A navigation bar at the top includes icons for search, refresh, and file operations, along with language switches for EN and FR.

**Dataset:** French Electoral Study 2017

**Abstract:**

The Comparative Study of Electoral Systems (CSES\*) is a worldwide research program on electoral behaviors created in the beginning of the 2000s. Part of this program is dedicated to administering a common questionnaire after each national election of participating countries. This is the fifth edition of comparative post-electoral studies realized worldwide through the CSES.

The French Electoral Study 2017 (FES 2017\*\*) is the fifth French election inside the CSES framework. It was realized after the 2017 presidential elections in France. The description of the survey and its methodology can be found in : Gouyou F. and Sauger N., The 2017 French Election Study (FES 2017) : a post-electoral cross-sectional survey, Data, Measures and Methods, 2017.

Dedicated to the relation of voters to politics and electoral decisions, it also includes specific questions, for example on public policy preferences, values, as well as on life conditions and social paths of the respondents. This survey integrates all variables from CSES as well as numerous other electoral survey classical indicators in France as well as worldwide.

\*Aggregated data is available on the CSES website: <http://www.cses.org/verify.htm>  
\*\*Data from the French edition is available, after registering, on the web portal Quetelet: <https://quetelet.casd.eu/fr/>

**Document Description**

**Full Title:** French Electoral Study 2017 - Post-Election Survey

**Identification Number:** fr:cddp.ddi.FES2017

**Date of Production:** 2018-01-15

**Full Title:** French Electoral Study 2017

The left sidebar contains a navigation menu with several collapsed sections, such as "Micro-enquête, délimitation et recensement des enceintes territoriales", "Styles de vie et Environnement", and "French Electoral Study 2017".

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## The reason why



cessda

Metadata Model (CMM)



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# DDI xml files migration

## 1st step - a R script to transform Nesstar DDI 1.2 files to DDI 2.5 files

*The R script is available on CDSP's [Github](#).*

## 2nd step - a Python custom program to:

- Import DDI 2.5 files into Dataverse (study level). During this step, a PID (DOI) was given to each study.
- The corresponding DOI was then inserted back in DDI 2.5 file.
- The DDI 2.5 file is uploaded into Dataverse.

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# Using the CMM controlled vocabularies

Dataverse property	Controlled vocabulary
Keywords	ELSST thesaurus
Kind_of_Data	DDI Alliance Controlled Vocabulary for General Data Format
Time_Method	DDI Alliance Controlled Vocabulary for Time Method
Analysis_Unit	DDI Alliance Controlled Vocabulary for Analysis Unit
Mode-Collection	DDI Alliance Controlled Vocabulary for Mode Of Collection
Sampling-Procedure	DDI Alliance Controlled Vocabulary for Sampling Procedure
Topic_Classification	CESSDA Topic Classification
Type_Instrument	DDI Alliance Controlled Vocabulary for Type of Instrument

1 tailor-made VC for institutions(using [ROR](#) and [ISNI](#))

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## Benefits of using Dataverse

**Dataverse is a good solution for networked institutions:**

- Single Sign On using institutional credentials
- Can harvest and be harvested
- General and Dataverse-level branding capabilities

**Dataverse supports discoverability and persistence:**

- Powerful search engine and filters
- Good Google referencing
- DOI

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## Pending issues with Dataverse

DDI import and export definitively are a hard route to follow.

Adding a language creates additional difficulties.

(see : Customizing a DDI compliant repository: a detailed course with Dataverse,  
session Managing DDI)



[Icon source](#)

# We are getting there

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Ajouter des données ▾ Rechercher ▾ Guide d'utilisation Support Français ▾ S'inscrire Se connecter

## Classification des sujets ⓘ

SocietyAndCulture.SocialBehaviourAndAttitudes

## Langue ⓘ

French

## Producteur ⓘ

Sciences Po, Centre de données socio-politiques (CDSP), CNRS (Sciences Po, CNRS) (CDSP)

## Endroit de production ⓘ

Sciences Po 27 rue Saint-Guillaume 75337 Paris cedex 07

## Collaborateur ⓘ

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Équipe Elipss, Sciences Po, Centre de données socio-politiques (CDSP), CNRS

## Renseignements sur la subvention ⓘ

ANR-10-EQPX-19-01

## Diffuseur ⓘ

Sciences Po, Centre de données socio-politiques (CDSP), CNRS (CDSP)

## Date de disponibilité ⓘ

2020-02

## Période couverte ⓘ

Start: 2016 ; End: 2016

## Date de la collecte ⓘ

Start: 2016-06-23 ; End: 2016-06-30

## Type de données ⓘ

Numeric; Text

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## 6. Integrating Colectica in our toolbox



- For **variable-level metadata**, we continue to use Nesstar Publisher and will test R scripts
- We have also been using **Colectica** for a year now, for **longitudinal studies**
- We use Colectica Designer, Colectica Portal and Colectica Repository
- The pending question : “single” studies

Photo [source](#)

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## **7. What's next**

**Improving data.sciencespo.fr**

**Testing Dataverse variable visualisation tools**

**Setting up new data and metadata management and publication workflows**



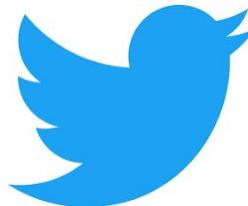
cc @Pixabay

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## Get in touch!

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# Thank you

DOI: [10.5281/zenodo.4299083](https://doi.org/10.5281/zenodo.4299083)

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