

# Metallica

**Actives METadata and Free  
Software for a Data Collection  
Infrastructure**

# Abstract

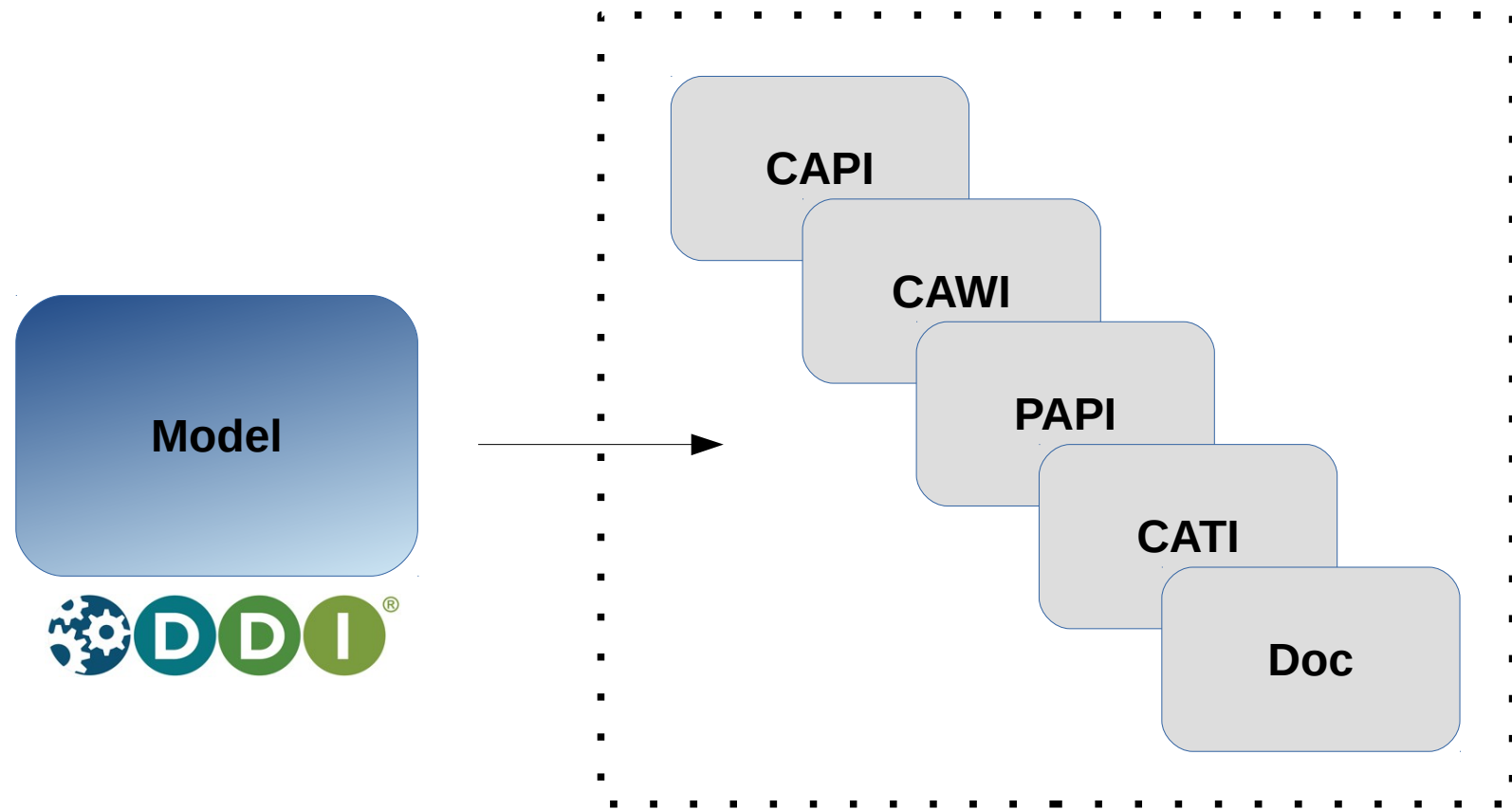
- Specification and immediate visualization of a questionnaire
- A mixed mode data collection infrastructure
- Roadmap

# **Specification and immediate visualization of a questionnaire**

**a metadata-driven approach**

# Questionnaire generation – target process

- A very high-level view



# Eno – Releases

- **First release** (achieved in February 2013) :
  - Questionnaires modeled in DDI 3.1 files (by hand and with XSLT)...
  - ... generated in fillable PDF...
  - ... and served through our existing exchange platform
- **Second release** :
  - Able to generate web questionnaires from their modelization in DDI 3.2 (by hand)
  - Online in 2015 for two business surveys

# Eno – Releases

- V1-0-0 → 2017 on [github.com](https://github.com)
  - Able to generate web questionnaires from their modelization in DDI 3.2
  - Online for more than 20 business surveys
- Challenges : Extend, modernize, industrialize and standardise online data collection

# Eno - Principles of development

- SCFE : Sharing Common Functionnalités
  - Eurostat ESSNet
- Open source project
  - Github : <https://github.com/InseeFr/Eno>
  - MIT License
- International
  - Code and comments in english
  - Online documentation :
    - Eno for dummies : <https://insee.fr.github.io/Eno/eno-for-dummies.html>
    - Questionnaire modeling : <https://insee.fr.github.io/Eno/ddi-qg-guide.html>

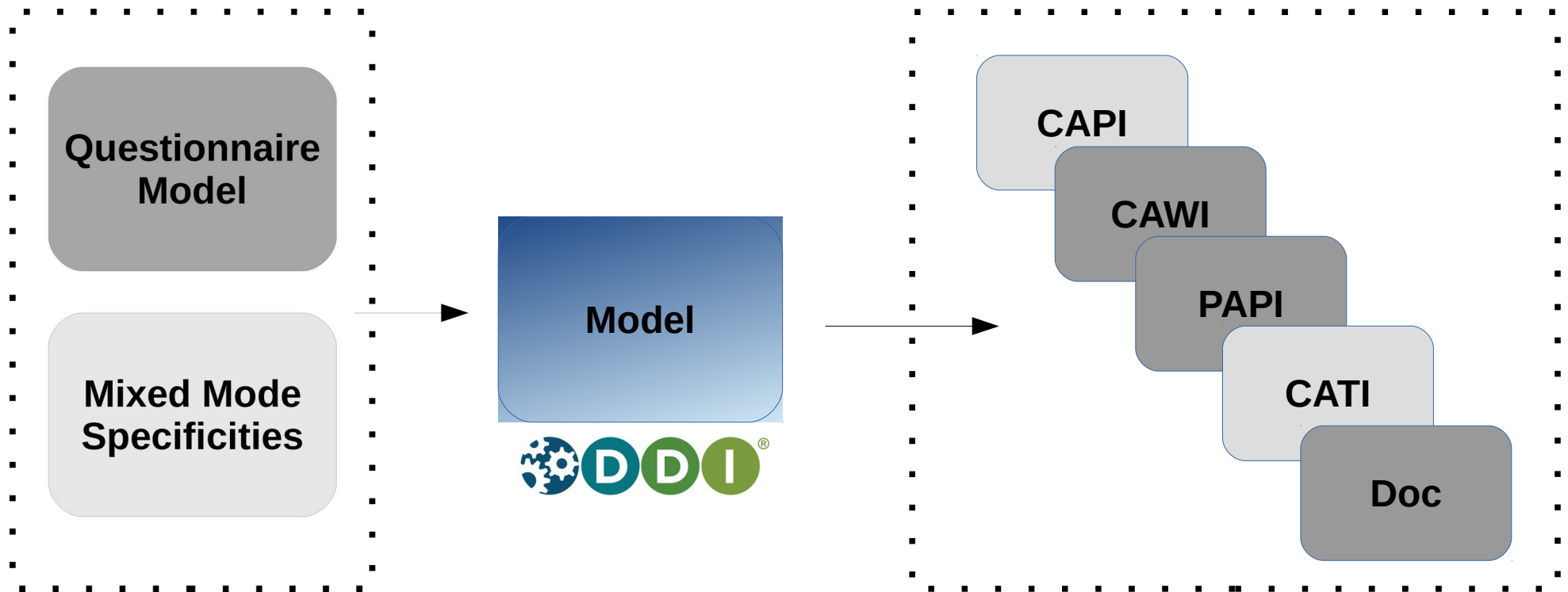


# Pogues - Objectives

- Questionnaire designer user interface for metadata-driven collection
- Integrated in the information technology systems
- Target population: survey designers
- Focus: visualize in one click, fast iteration



# Pogues-Eno



**Pogues**

**Eno**

□ : Work in progress  
■ : Done

# Pogues - Principles of development

- Open source
  - Github : <https://github.com/InseeFr/Pogues>
  - MIT License
- International
  - Code and comments in english
  - Internationalized interface
  - Online documentation (developer guide) :  
<https://insee.fr.github.io/Pogues-Back-Office/en/>
  - Online demo version :  
<http://pogues.scfe.eu/rmspogfo/>

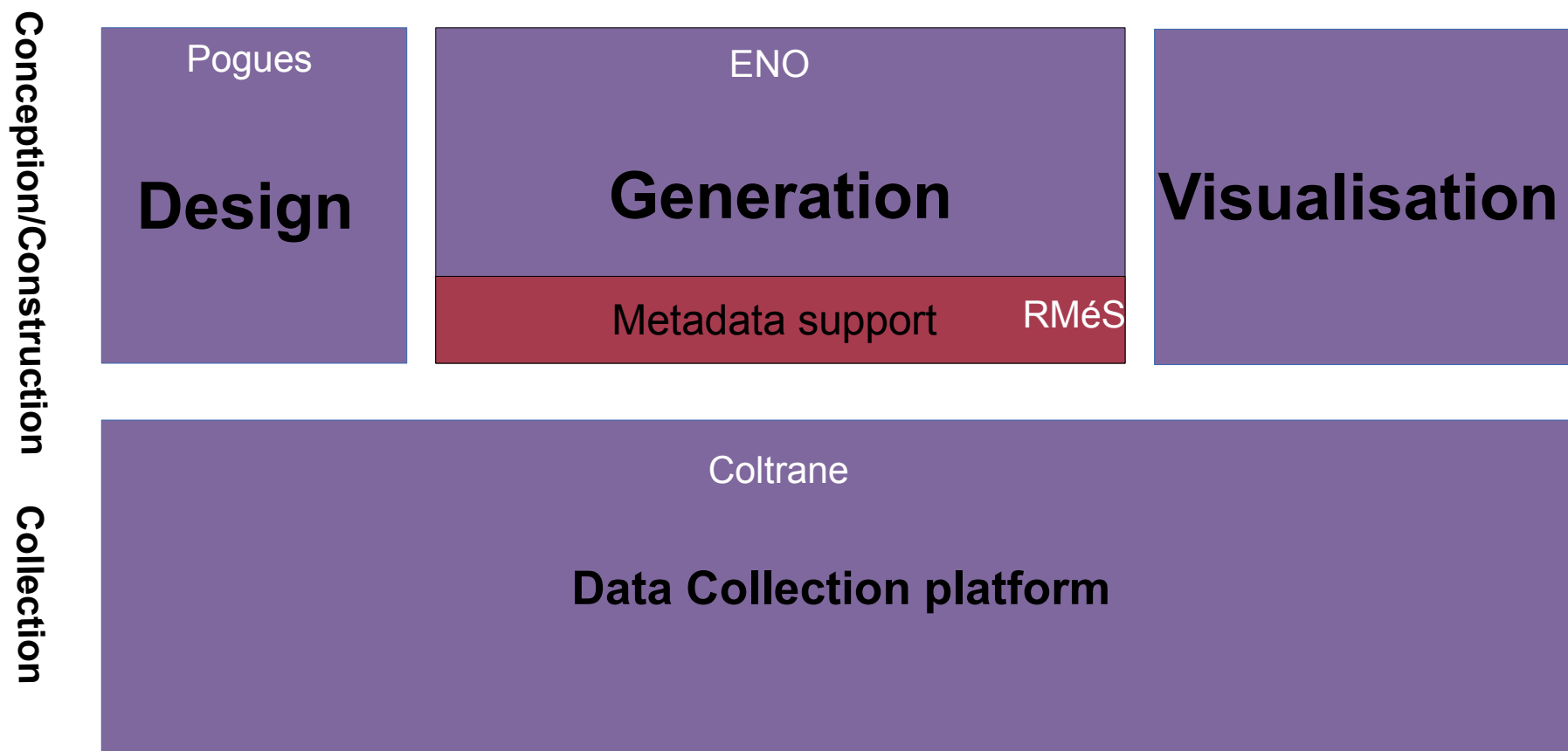
# Roadmap

- Add outputs formats : PAPI (very soon), CAPI (2019-2020)
- Add other features (for example: more complex logic flows that can be found in household surveys)
- Adapt to the characteristics of household surveys (family – members of the family articulation with iterations)
- Allow to specify questionnaire controls
- Link Pogues with the global metadata repository (to store, reuse and share metadata)

# **A mixed-mode data collection infrastructure**

**a metadata-driven approach**

# Data collection platform



**Pogues** : Questionnaire designer user interface for metadata production

**Eno** : Questionnaire generator from metadata

**RméS** : Metadata repositories and services

**Coltrane** : Survey platform for data collection

# Coltrane

- COLlecte TRANsversale d'Enquêtes :
  - French acronym for  
**Cross-Disciplinary Survey Data Collection**
- Extend, modernize, industrialize and standardise online data collection for all business surveys
- Based on Eno outputs
- Provide a single access point for establishment

# Coleman

- COLtrane Etendu aux enquetes MENages
  - French acronym for  
**Coltrane extends to household surveys**
- Infrastructure sharing
- Add a specific household surveys portal to have a unique access

# Thanks

- Questions ?
- Contact :
  - [benoit.werquin@insee.fr](mailto:benoit.werquin@insee.fr)