Maintenance and evolution of the ESPD EDM
Publications Office – C.3

ESPD Meeting OP-GROW with Open User Community (OUC)

28th October 2021

Publications Office

NTT DaTa

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1. Summary of last meeting on 7th October 2021

- ❖ **Meeting minutes**: https://github.com/OP-TED/ESPD-EDM/blob/wgm-reports/ESPD_Minutes_OUC_Meetings_20211007_v1.0.pdf

- ❖ **Main topics**:

  - Issues related to future versions:

    - UUID

    - eCertis

2. Migration-Reorganisation of GitHub

GitHub repository migration:

❖ The ESPD-EDM GitHub has been migrated to an OP-owned repository

- **Previous URL:** ESPD/ESPD-EDM at 3.0.0

- **New URL:** https://github.com/OP-TED/ESPD-EDM/
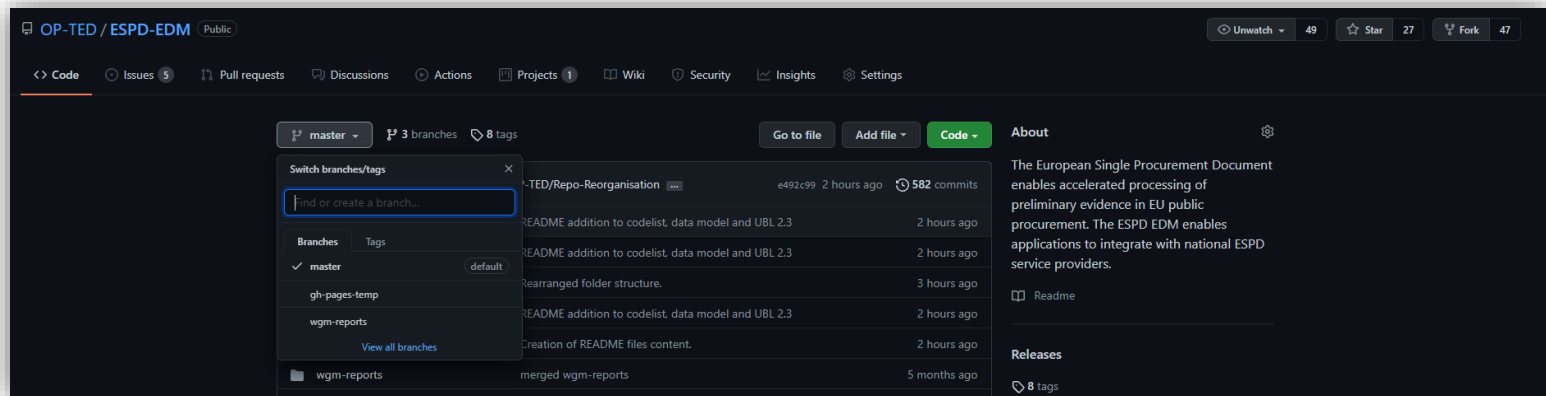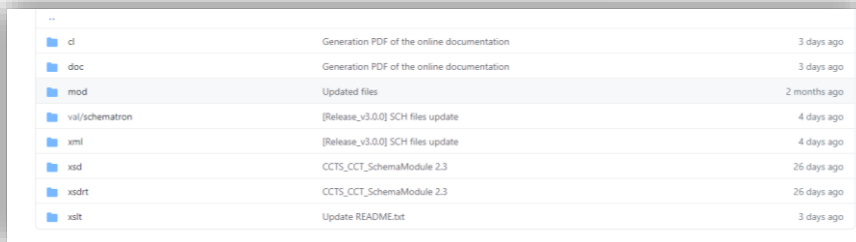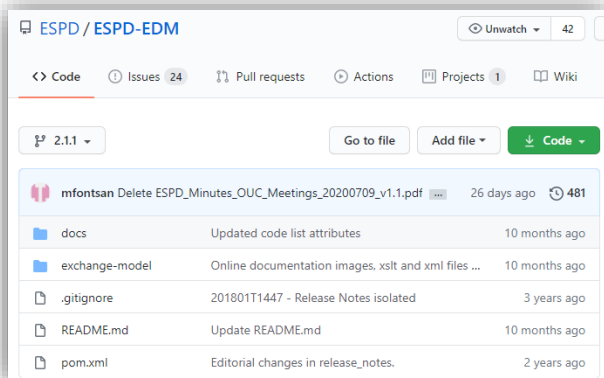
2. Migration-Reorganisation of GitHub

❖ As commented in previous OUC meetings, the branching strategy has been adapted:

- Previous releases can be accessed through "tags" and "releases", instead of having different branches per release.

- Additionally, information regarding the strategy and methodology for evolving the ESPD is available here: https://github.com/OP-TED/git-versioning-methodology
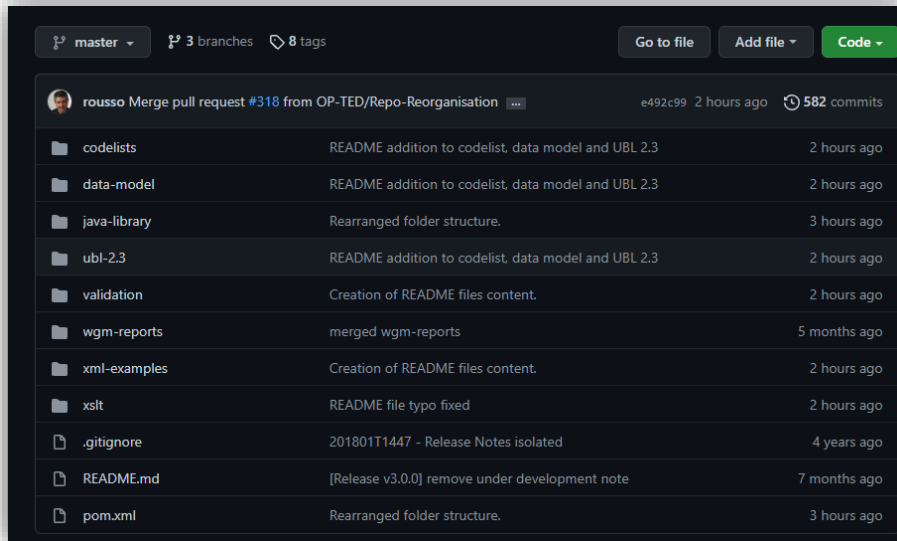
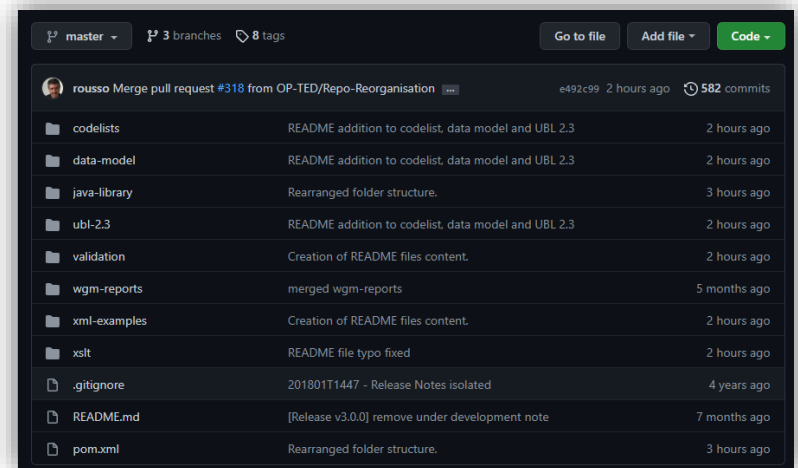# 2. Migration-Reorganisation of GitHub

❖ Besides the migration to a URL owned by the OP, the structure has been revisited to improve how information is provided:

- Documentation has been separated from the distribution package;
- The distribution package has been included at root level, facilitating access to the different files.

Previous structure

Current structure

2. Migration - Reorganisation of GitHub

❖ Documentation will be maintained apart from the distribution package and will be displayed as in the image below.

❖ **Versions** of the online documentation **that will be maintained in the repository are**: latest, **3.0.0**, and also **2.1.1, 2.0.2, 1.0.2**. (latest version of each previous release), this is, all versions that are active and can be used and validated using the ESPD Validatior tool.

Access it here: https://docs.ted.europa.eu/ESPD-EDM/
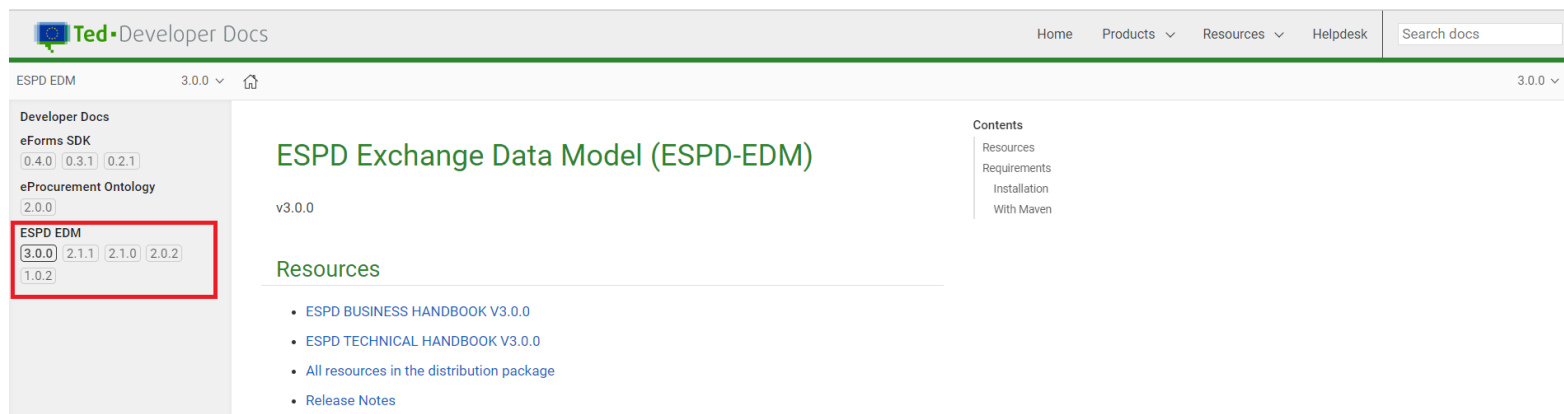
3. Issues related to future versions

- ❖ **UUID**

- ❖ **eCertis**

3. Issues related to future versions - UUID

❖ **Identification of a criterion and its elements – UUID vs Hash value**

Issue	Title of the issue
312	Question on UUID for Repeatable Question Sub Group
Description and proposed solution	

Description: Both issues require clarifications on the assignment of UUID in QUESTION and REQUIREMENT in the RESPONSE document.

Proposed solution: At criteria level, a UUID is created for each criterion. Within a criterion, a specific amount of elements can be provided by the EO and a hash value could be created for each one of these elements with information from the EO, the UUID of the criterion and with specific elements of the content itself. Therefore, the hash value would be unique and not arbitrary, it would respect the once-only principle and would facilitate a better reuse of information.

This solution would be a major change from current version 3.0.0 of ESPD-EDM.

As agreed in the previous meeting, the logic behind the proposal for changing the UUIDs has been provided in GitHub, as well as a proposal without the EO + Country information. (access here)

3. Issues related to future versions - UUID

❖ **UUID reusable response code – Proposed new code**

CCCCCCCC-XXXX-SSSS-RRRRRRRR
[8]   [4] [4]   [56]

- **CCCCCCCC** (*REQUEST*): Criterion code as a CRC32 hash value.
- **XXXX** (*REQUEST*): Fixed unique code. This value will be defined in the ESPD criteria to ensure identifiers are collision-safe.
- **SSSS** (*REQUEST*): Sequence value needed to address multiple cardinality. This value is local to the group with multiple cardinality.
- **RRRRRRRR** (*RESPONSE*): Response value as a SHA224 hash value.

- **REQUEST example:**

4908c6dc-a52d-0001

- **RESPONSE example:**

4908c6dc-a52d-0001-
cf655931d7b5dd0a2880633ab7be2f4395857f67edddd7f5ad6ede0c

NOTE: The part for EO identifier + Country has been removed since it is already available in the ESPD Response and would duplicate the information

3. Issues related to future versions - eCertis

❖ **Issues related to eCertis**

Issue	Title of the issue
251	Link eCertis and ESPD

The proposal presented during the last meeting has been included as a comment in GitHub. It is available here: https://github.com/OP-TED/ESPD-EDM/issues/251

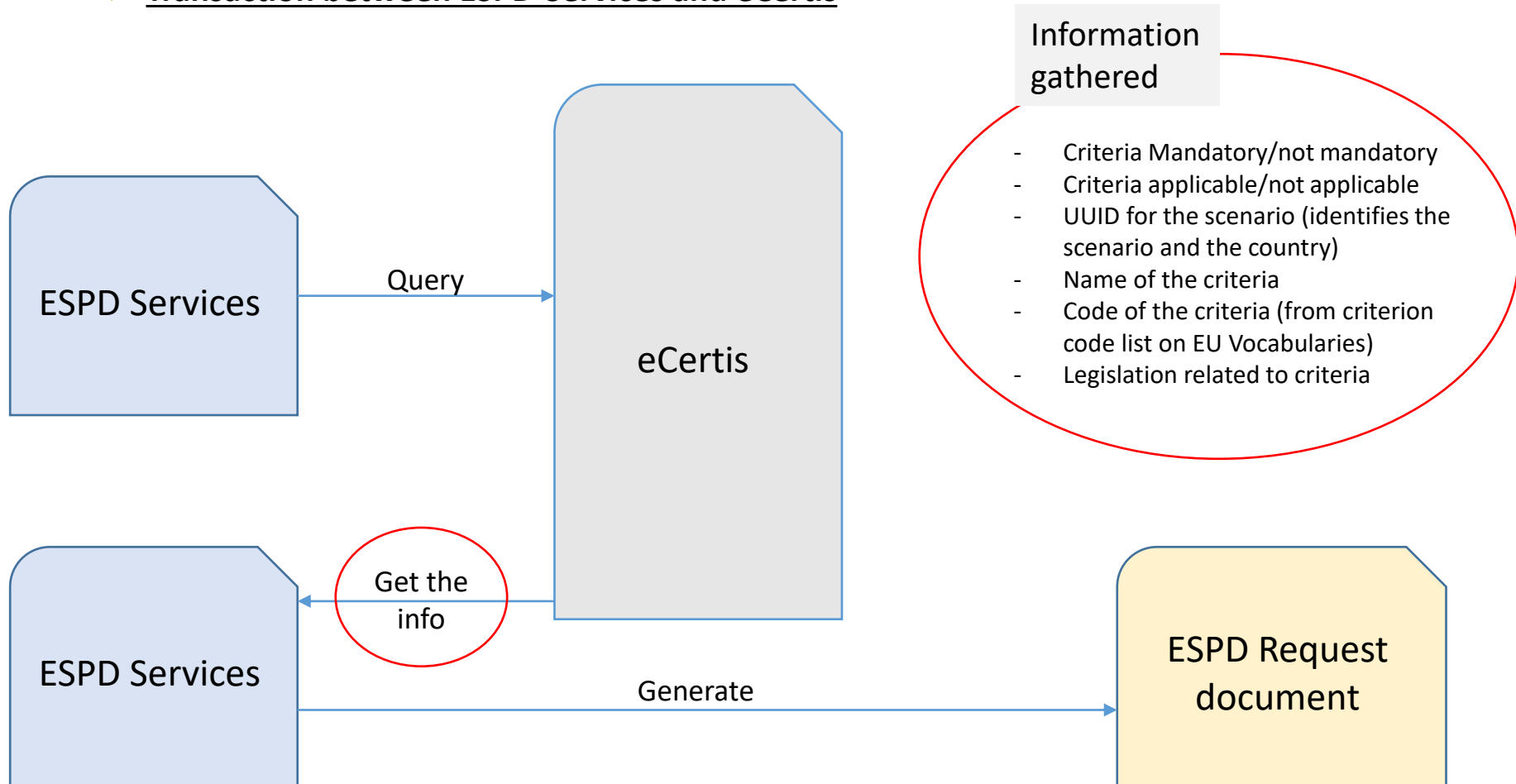# 3. Issues related to future versions - eCertis

❖ **Goal**

Align both models (**eCertis** and **ESPD**) to facilitate information reuse, making the generation of the **ESPD Request** document easier.

❖ **Parties involved**

- ▪ **ESPD Services would retrieve the criteria from eCertis**. This would allow to make ESPD services by not having all the information placed inside.

- ▪ **The ESPD-EDM would provide the data structures** to place the data, including the required additions to place the UUID.

- ▪ **eCertis would include the following data**:
  - ✓ Criteria mandatory/not mandatory *(eCertis is currently working to implement it)*
  - ✓ Criteria applicable/not applicable *(eCertis is currently working to implement it)*
  - ✓ UUID for the scenario, that would identify the scenario and the country
  - ✓ Name of the criteria *(eCertis is currently analysing how to implement it)*
  - ✓ Code of the criteria, from criterion code list on EU Vocabularies
  - ✓ Legislation related to criteria

3. Issues related to future versions - eCertis

❖ **Transaction between ESPD-Services and eCertis**

ESPD Services

Query →

eCertis

Information gathered

- - Criteria Mandatory/not mandatory
- - Criteria applicable/not applicable
- - UUID for the scenario (identifies the scenario and the country)
- - Name of the criteria
- - Code of the criteria (from criterion code list on EU Vocabularies)
- - Legislation related to criteria

Get the info

ESPD Services

Generate →

ESPD Request document

4. Next meetings

❖ **ESPD Seminar**: December 2nd, 14.00 – 17.00

5. AOB

Questions ?

Thank you!