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

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

27th January 2022

Publications Office

NTT DaTa

Table of contents

1. Summary of last Seminar on 2nd December 2021

2. Next steps – Evolution of the ESPD-EDM in 2022

3. ESPD v3.0.1

4. UUID – New proposal (INTERPROC)

5. ESPD-EDM & eCertis

6. Next meetings

7. AOB

1. Summary of last Seminar on 2ⁿᵈ December 2021

❖ **Seminar Report**: https://github.com/OP-TED/ESPD-EDM/blob/wgm-reports/ESPD%20Annual%20Seminar/ESPD_Seminar_Report_20211202.pdf

❖ **Seminar video:** https://www.youtube.com/watch?v=42wnvaMihvI

❖ **Main topics**:

- ESPD-EDM v3.0.0 summary

- GitHub: Online workspace reorganisation and documentation revision

- ESPD-EDM v3.0.0 data model

- eCertis

- ESPD-EDM & eCertis

- Update of UUIDs for repeatable subgroups

- Next steps

2. Next steps – Evolution of the ESPD-EDM in 2022

The Governance foresees 3 version types:

1. **Patch**: editorial changes, additional clarifications or small bug fixes.

2. **Minor release**: modifications or additions of elements that do not affect deeply the ESPD-EDM.

3. **Major release**: fundamental aspects of the ESPD-EDM are affected.

2. Next steps – Evolution of the ESPD-EDM in 2022

V3.0.1 February 2022 (patch release):

1. Reorganisation of the GitHub.

2. Update cardinalities in the documentation.

3. Update of cardinalities in the example files.

2. Next steps – Evolution of the ESPD-EDM in 2022

V3.1.0 June 2022 (minor release):

1. Reorganisation of the documentation.

2. Enforce validation of mandatory fields - currently only fields that are present.

3. Validate all code lists.

4. Provide the codes in EU Vocabularies to ensure alignment between eCertis and ESPD.

5. Removal of CEN references.

6. **Implement** the ESCO occupation code list as genericode.

2. Next steps – Evolution of the ESPD-EDM in 2022

Possible future work to be discussed:

1. Changes in the UUID.

2. Guidelines for the retrieval of criterion from eCertis.

3. Any other ideas?

3. ESPD v3.0.1 (February 2022)

Reorganisation of the GitHub repository:

- Reorganise the distribution package folders

- Editorial change

Update cardinalities in the online documentation:

- Update cardinalities according to the online documentation review feedback

- Must be coordinated with the data model specification

- Small bug fix

3. ESPD v3.0.1 (February 2022)

Update of cardinalities in the xml example files:

- Update the xml examples according to the online documentation update

- Small bug fix

4. UUID – New proposal

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

INTERPROC:
Alternative Approach to Super Hashing

WE ARE
GETTING
CONNECTED.

January 27, 2022

INTERPROC

Table of content

1. Overview

✓ Preserve the benefits of fixed question IDs

✓ Provide an alternative solution, which deals with the problem from a different angle

2. Issues detected in the proposed solution by OP

1. Deals with the problem at question level

2. Complex code will be needed to implement it

3. The validation of those complex hashed question identifiers

2.1 Deals with the problem at question level - Visualization

{QUESTION_GROUP
      {QUESTION}   Your answer

{QUESTION_SUBGROUP
          (1) {QUESTION}   Date of conviction
          (2) {QUESTION}   Reason
          (3) {QUESTION}   Who has been convicted
          (4) {QUESTION}   Length of the period of exclusion

      {QUESTION_SUBGROUP

3. Goals

1. To have mappable pre-defined structures of Criteria (Question & Question Groups)

2. To re-use elements from an old ESPD Response to the ESPD Response of a new ESPD Request

4. Prerequisites and assumptions

1. Question Group UUIDs map to a specific Question Group with a specific structure

2. Questions and Question Groups order matters

4.1 Prerequisites and assumptions – visualization

EG- Convictions					
{QUESTION_GROUP			1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}		Your answer	1	INDICATOR	
{QUESTION_SUBGROUP			0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}		Date of conviction	1	DATE	
{QUESTION}		Reason	1	DESCRIPTION	
{QUESTION}		Who has been convicte	1	DESCRIPTION	
{QUESTION}		Length of the period of	1	PERIOD	
{QUESTION_SUBGROUP			1		5f9f09f7-f701-432c-9fdc-c22c124a74c9
{QUESTION}		Have you taken measur	1	INDICATOR	
{QUESTION_SUBGROUP			0..1		74e6c7b4-757b-4b40-ada6-fad6a997c310
{QUESTION}		Please describe them	1	DESCRIPTION	
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
QUESTION_GROUP}					

1. Q.G. UUID ⇔ Q.G. Structure
2. Q.G. and Q. order matters

Same UUIDs with the same structure

```
{CRITERION
        {SUBCRITERION
                {QUESTION_GROUP
                        {CAPTION}
                        {QUESTION}
                QUESTION_GROUP}
        SUBCRITERION}
        {LEGISLATION}
QG1::1  {QUESTION_GROUP
                {QUESTION}    Q1
        QG1::1  {QUESTION_SUBGROUP
                        {QUESTION}    Q1
                        {QUESTION}    Q2
                        {QUESTION}    Q3
                        {QUESTION}    Q4
                QG1::1  {QUESTION_SUBGROUP
                                {QUESTION}    Q1
                        QG1::1  {QUESTION_SUBGROUP
                                        {QUESTION}    Q1
                                QUESTION_SUBGROUP}
                        QUESTION_SUBGROUP}
                QUESTION_SUBGROUP}
        QUESTION_GROUP}
QG2::1  {QUESTION_GROUP
                {QUESTION}    Q1
        QG1::1  {QUESTION_SUBGROUP
                        {QUESTION}    Q1
                QUESTION_SUBGROUP}
        QUESTION_GROUP}
```

5. Proposed solution

SIMPLE HIERARCHICAL INDEXING

- ⊘ PART 1 → The Criterion Element Code

- ⊘ PART 2 → The Question Group path separated by slashes. The cardinality will be provided by two indexes.

- ⊘ PART 3 → The Question original position number, according to the Criteria Taxonomy excel sheet.
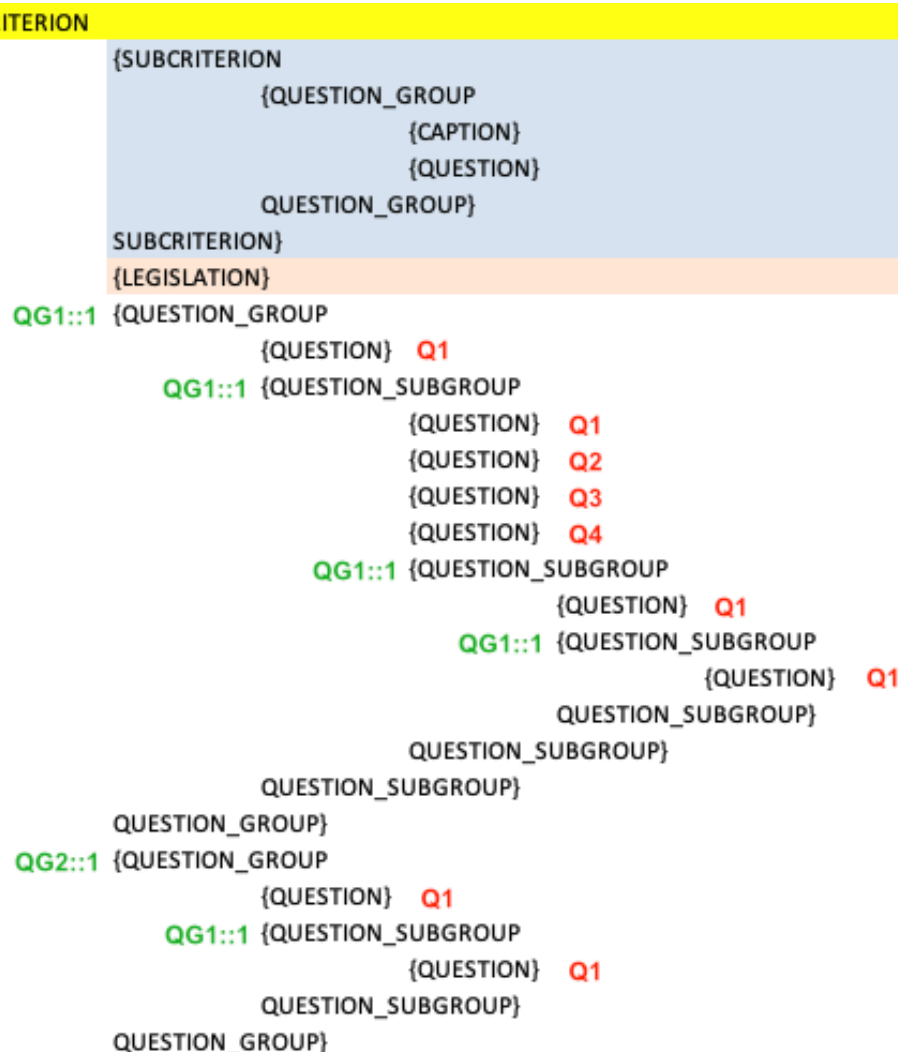
5.1 Proposed solution – visualization

ESPD REQUEST & ESPD RESPONSE

PART 2

{CRITERION ELEMENT CODE}/{QUESTION GROUP PATH}/{QUESTION}

PART 1

PART 3
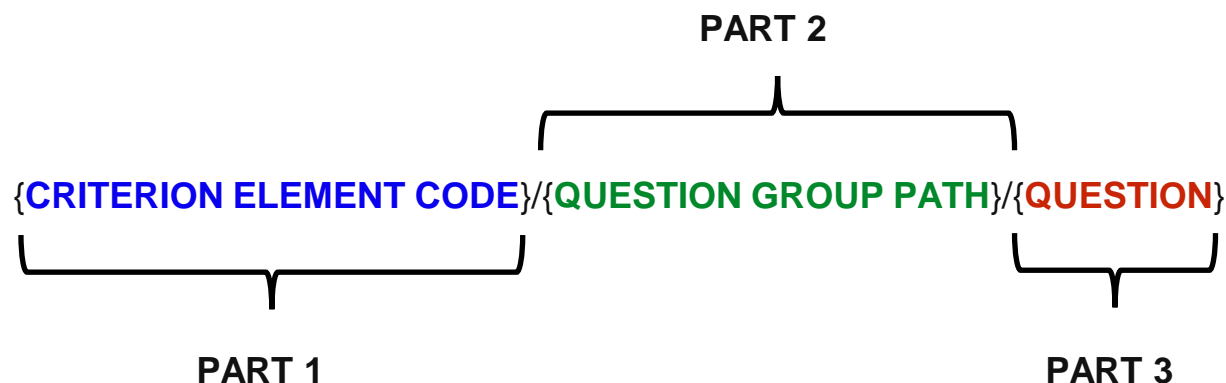
■ The slash symbol will be used for delimiter

5.2 Proposed solution – visualization / ESPD Request

ESPD Request / EG Convictions / crime-org					
		Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP			1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}		Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP			0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}		Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
{QUESTION}		Reason	1	DESCRIPTION	crime-org/QG1::1/QG1::1/Q2
{QUESTION}		Who has been convicted	1	DESCRIPTION	crime-org/QG1::1/QG1::1/Q3
{QUESTION}		Length of the period of e	1	PERIOD	crime-org/QG1::1/QG1::1/Q4
{QUESTION_SUBGROUP			1		5f9f09f7-f701-432c-9fdc-c22c124a74c9
{QUESTION}		Have you taken measure	1	INDICATOR	crime-org/QG1::1/QG1::1/QG1::1/Q1
{QUESTION_SUBGROUP			0..1		74e6c7b4-757b-4b40-ada6-fad6a997c310
{QUESTION}		Please describe them	1	DESCRIPTION	crime-org/QG1::1/QG1::1/QG1::1/QG1::1/Q1
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
{QUESTION_SUBGROUP			0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}		Date of conviction	1	DATE	crime-org/QG1::1/QG1::2/Q1
{QUESTION}		Reason	1	DESCRIPTION	crime-org/QG1::1/QG1::2/Q2
{QUESTION}		Who has been convicted	1	DESCRIPTION	crime-org/QG1::1/QG1::2/Q3
{QUESTION}		Length of the period of e	1	PERIOD	crime-org/QG1::1/QG1::2/Q4
{QUESTION_SUBGROUP			1		5f9f09f7-f701-432c-9fdc-c22c124a74c9
{QUESTION}		Have you taken measure	1	INDICATOR	crime-org/QG1::1/QG1::2/QG1::1/Q1
{QUESTION_SUBGROUP			0..1		74e6c7b4-757b-4b40-ada6-fad6a997c310
{QUESTION}		Please describe them	1	DESCRIPTION	crime-org/QG1::1/QG1::2/QG1::1/QG1::1/Q1
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
QUESTION_SUBGROUP}					
QUESTION_GROUP}					
{QUESTION_GROUP			1		7458d42a-e581-4640-9283-34ceb3ad4345
{QUESTION}		Is this information availa	1	INDICATOR	crime-org/QG2::1/Q1
{QUESTION_SUBGROUP			0..1		41dd2e9b-1bfd-44c7-93ee-56bd74a4334b
{QUESTION}		Evidence Supplied	1..n	EVIDENCE_IDE	crime-org/QG2::1/QG1::1/Q1
QUESTION_SUBGROUP}					
QUESTION_GROUP}					

5.3 Proposed solution – visualization / ESPD Response

ESPD Response / EG Convictions / crime-org			
Answer Value	**Cardinality in Request**	**Property Data Type**	**ID**
{QUESTION} TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION} 9/12/15	1	DATE	crime-org/QG1::1/QG1::1/Q1
{QUESTION} [Reason provided by the EO]	1	DESCRIPTION	crime-org/QG1::1/QG1::1/Q2
{QUESTION} [Convicted person or legal entity]	1	DESCRIPTION	crime-org/QG1::1/QG1::1/Q3
{QUESTION} 1/1/16	1	PERIOD	crime-org/QG1::1/QG1::1/Q4
{QUESTION} TRUE	1	INDICATOR	crime-org/QG1::1/QG1::1/QG1::1/Q1
{QUESTION} [Measures taken by the EO]	1	DESCRIPTION	crime-org/QG1::1/QG1::1/QG1::1/QG1::1/Q1
{QUESTION} 3/10/12	1	DATE	crime-org/QG1::1/QG1::2/Q1
{QUESTION} [Reason provided by the EO]	1	DESCRIPTION	crime-org/QG1::1/QG1::2/Q2
{QUESTION} [Convicted person or legal entity]	1	DESCRIPTION	crime-org/QG1::1/QG1::2/Q3
{QUESTION} 2/2/18	1	PERIOD	crime-org/QG1::1/QG1::2/Q4
{QUESTION} TRUE	1	INDICATOR	crime-org/QG1::1/QG1::2/QG1::1/Q1
{QUESTION} [Measures taken by the EO]	1	DESCRIPTION	crime-org/QG1::1/QG1::2/QG1::1/QG1::1/Q1
{QUESTION} TRUE	1	INDICATOR	crime-org/QG2::1/Q1
{QUESTION} EVIDENCE-ID	1..n	EVIDENCE_IDENTIFIER	crime-org/QG2::1/QG1::1/Q1

Answers Part

6. ESPD Response re-use process

4 STEPS

1 Map the Question Group structures, by using the Question Group UUID

2 Search for common Questions

3 Select the elements (answers) to re-use

4 Apply selected elements to a new ESPD Response

New ESPD Request / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

Old ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	9/12/2015	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

NEW ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

1 Map the Question Group structures, by using the Question Group UUID

6.1 Re-use process visualization – A

INTERPROC

New ESPD Request / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

Old ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	9/12/2015	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

NEW ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

2 Search for common Questions

6.1 Re-use process visualization – B

New ESPD Request / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

Old ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	9/12/2015	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

NEW ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP}		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP}		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

INTERPROC

3 Select the elements (answers) to re-use

6.1 Re-use process visualization – C

INTERPROC

New ESPD Request / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

Old ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	9/12/2015	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::2/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

NEW ESPD Response / EG Convictions / crime-org

	Example Answer (Not part of Request)	Cardinality	Property Data Type	UUID/ New ID
{QUESTION_GROUP		1		7c637c0c-7703-4389-ba52-02997a055bd7
{QUESTION}	Your answer	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION_SUBGROUP		0..n		f5276600-a2b6-4ff6-a90e-b31fe19dae41
{QUESTION}	Date of conviction	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements have been removed for the sake of brevity */				
QUESTION_SUBGROUP}				

	Answer Value	Cardinality in Request	Property Data Type	ID
{QUESTION}	TRUE	1	INDICATOR	crime-org/QG1::1/Q1
{QUESTION}	3/10/2012	1	DATE	crime-org/QG1::1/QG1::1/Q1
/* The other elements (answers) have been removed for the sake of brevity */				

4 Apply selected elements to a new ESPD Response

6.1 Re-use process visualization – D

7. Pros & Cons

PROS

(+) Re-use of an old ESPD Response

(+) A basic evaluation of the Question IDs is achievable without software

(+) Because of the ID ⇔ QG structure prerequisite, it is guaranteed that the copied answers are semantically equivalent

(+) No complex hashing steps

CONS

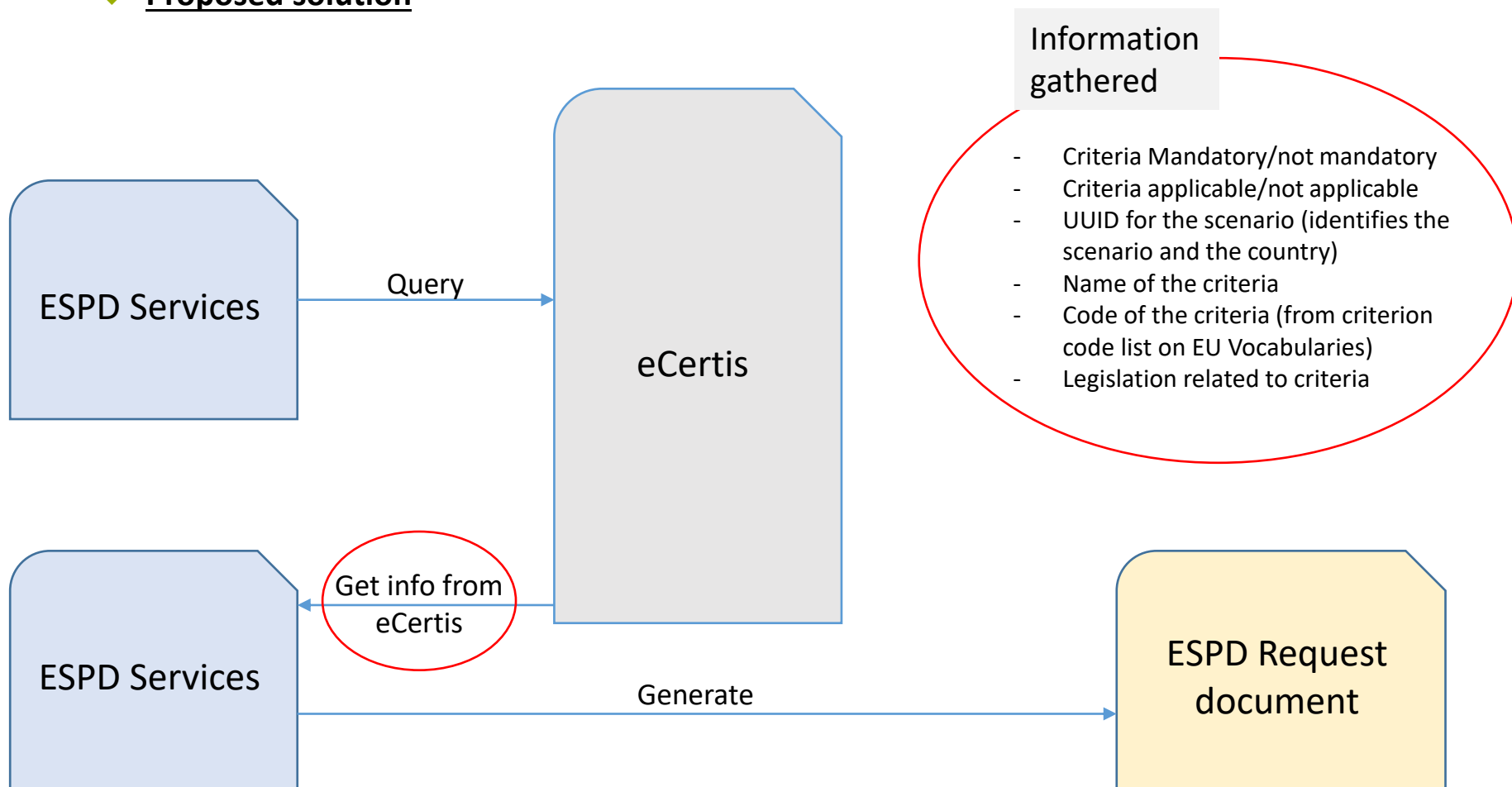(−) Because of the ID ⇔ QG structure prerequisite, the creation of a new Question Group UUID is mandatory every time the internal Question Group structure changes

(−) The re-use of Questions of a Question Group, which has an updated structure is not possible

INTERPROC

8. Questions

Thank you!!!

5. ESPD-EDM & eCertis

❖ **Proposed solution**

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

ESPD Services → Query → eCertis

ESPD Services ← Get info from eCertis ← eCertis

ESPD Services → Generate → ESPD Request document

5. ESPD-EDM & eCertis

❖ **<u>Goal</u>**

To retrieve information in an ESPD service from eCertis to facilitate information reuse. This will be important, as eCertis will contain not only the classical Directive (2014/24/EU) but also all other Directives, so the information in ESPD will differ if it is not retrieved from eCertis.

❖ **<u>Proposed approach</u>**

▪ ESPD Services would retrieve information from eCertis;

▪ The ESPD-EDM provides the data structures to place the data and it will be necessary to enable interoperability with eCertis to retrieve the necessary information;

▪ Criteria will be defined and maintained in eCertis. By reusing the data, much fewer elements need to be hardcoded in the ESPD;

▪ Communication with eCertis will be essential to ensure that the latest criteria are used.

6. Next meetings

❖ **Next OUC meetings:**

- February 24th, 10.00 – 11.30

- March 31st, 10.00 – 11.30

7. AOB

Questions ?

Thank you!