

Maintenance and evolution of the ESPD EDM

Publications Office – C.3

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

UUID workshop

31st March 2022



Publications Office

NTT DATA

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Problem statement:

- ❖ Currently, questions in criteria need to be instantiated for each procurement procedure instead of reusing criteria from earlier procurement procedures.

Business requirements:

- ❖ Ensure the connection for each criterion between ESPD Request and Response;
- ❖ Ensure reusability of criteria both in the Request and the Response across procurement procedures;
- ❖ Ensure traceability and respect the Once-Only Principle (OOP).

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Example of the current situation:

ICITERIC	Specific	Specific yearly turnover in the business	0746031-559-4a93-b3a4-c43	spec-year-to
(SUBCRITERION)	(Name)	Description of the file	0..n	
(QUESTION_GROUP)			1	e621867-35b5-4543-8100-146
(CAPTION)	(Additional information)		1	0c39b505-8abe-44fa-a3a0-12c
(QUESTION)	Your Answer		1	INDICATOR
(QUESTION_GROUP)			1	
SUBCRITERION			0..n	
(LEGISLATION)			1	0753a2c5-59e6-4570-b6e6-21
(REQUIREMENT_GROUP)			1	79a68e37-d307-4a28-9061-
(REQUIREMENT)	Number of fiscal years	3	1	QUANTITY_YEAR
(REQUIREMENT)	Business domain des-IT consulting /c		1	DESCRIPTION
(REQUIREMENT)	Minimum requirement	1000000	1	AMOUNT
(QUESTION_SUBGROUP)			1	0e50331f-4d39-4f1d-91dc-b2cf
(QUESTION)	Does the EO fulfil the criteria by itself?		1	INDICATOR
(QUESTION_SUBGROUP)			1	1e557ed0-2367-478f-a3be-d0f1
(QUESTION)	In the case of no - Relyed upon or not		1	INDICATOR
(QUESTION_SUBGROUP)			1	e2961fcc-83d3-48ac-b4e4-7ef
(QUESTION)	Name of the entity	(Name)	1	DESCRIPTION
(QUESTION)	ID of the entity	(ID)	1	ECONOMIC_OPERATOR_IDENTIFIER
(QUESTION_SUBGROUP)			1	
(QUESTION_SUBGROUP)			1..n	
(QUESTION_SUBG)	Start date; End date	2016-01-01	1	PERIOD
(QUESTION)	Amount	1000001	1	AMOUNT
(QUESTION)			1	1456942a-850f-4640-3263-34
(QUESTION_SUBGROUP)	Is this information available	true	1	INDICATOR
(QUESTION)			1	111410-2e-11d4-11-e3-80-
(QUESTION_SUBGROUP)			1	TRUE

Start

Procedure

Exclusion

Selection

Finish

B. Economic and financial standing

Article 58(3) of Directive 2014/24/EU sets out the following selection criteria

General yearly turnover >

Its general yearly turnover for the number of financial years required in the relevant notice, the procurement documents or the ESPD is as follows:

#Fiscal Years (1 to 5)

Minimum Requirement

Currency

Threshold per year

FY 1: Minimum requirement

120.000

Currency

FY 2: Minimum requirement

150.000

Currency

Question_subgroup (c0cd9c1c-e90a-4ff9-bce3-ac0fe31abf16)

Question Response FY1 (b65e5cf9-a2cd-43f8-9e3b-c678d749827c)
Question Response 120.000 (a1534624-95cf-4519-bdaa-856d5acf59b6)

Question_subgroup (c0cd9c1c-e90a-4ff9-bce3-ac0fe31abf16)

Question Response FY2 (7693e049-53d9-406d-a7d3-83e8b66d9e13)
Question Response 150.000 (e0a5317f-f10e-4a61-ad1d-5611be0cbf17)

Proposed solution 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

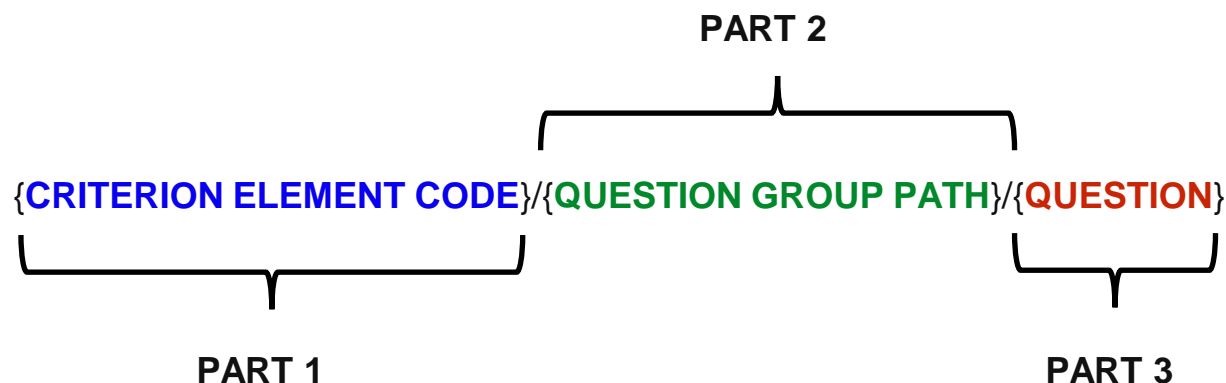
{QUESTION_SUBGROUP

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

Proposed solution – visualization

ESPD REQUEST & ESPD RESPONSE



- The slash symbol will be used for delimiter



Proposed solution – visualization / ESPD Response

ESPD Response / EG Convictions / crime-org				Answers Part
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	

Prerequisites and assumptions

1. Question Group UUIDs map to a specific Question Group with a specific structure
2. Questions and Question Groups order matters

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

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To be discussed:

- ❖ How to ensure traceability: is versioning necessary?
- ❖ Impact of changes in the structure
- ❖ Reusability of the ESPD Response and the reusability of the questions structure in the ESPD Request

Next meetings

❖ Next OUC meetings:

- April 28th, 10.00 – 11.30
- June 16th, 10.00 – 11.30

Questions ?

Please feel free to send any questions you have to

OPESPD@publications.europa.eu

Thank you!