

# Maintenance and evolution of the ESPD EDM

*Publications Office – C.3*

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

16<sup>th</sup> June 2022



Publications Office

**NTT DATA**

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Objections can be sent during this meeting to [OPESPD@publications.europa.eu](mailto:OPESPD@publications.europa.eu).

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# 1. Summary of last meeting on 28<sup>th</sup> April 2022

## ❖ Meeting report:

[https://docs.ted.europa.eu/espd-ouc/20220428\\_OUC%20meeting%20report.html](https://docs.ted.europa.eu/espd-ouc/20220428_OUC%20meeting%20report.html)

## ❖ Main topics:

- Changes on the ESPD-EDM webpages
- Code list DocRefContentType
- GitHub issues
- ESPD versions used
- Next ESPD release

## 2. Code list DocRefContentType

- ❖ In the last OUC meeting (28<sup>th</sup> of April), it was decided that **the code list DocRefContentType is necessary** and therefore it will not be removed.
- ❖ It was also agreed that **not all current elements of the code list are being used** and it is necessary to **cleanse the content of the code list**.
- ❖ The proposal of the elements of the code list to keep and to remove is based on the **feedback from the OUC**, both obtained in the last OUC meeting and afterwards by email.

## 2. Code list DocRefContentType

- ❖ Current elements of the code list DocRefContentType:
- Contract notice published in TED (Tenders Electronic Daily)
  - European Single Procurement Document Request issued by a contracting authority
  - Letter of intent
  - Status of the legal entity
  - Notice of appointment of the persons authorised to represent the tenderer
  - VAT registration document
  - Identity document
  - Reason for VAT exemption
  - Subcontracting justification
  - Power of attorney
  - Contract notice published on a national government official journal
  - Contract notice published on a regional government official journal
  - Contract notice published on a local government official journal
  - Prior information notice published on a national government official journal
  - Prior information notice published on a regional government official journal
  - Prior information notice published on a local government official journal
  - Contract award notice published on a national government official journal
  - Contract award notice published on a regional government official journal
  - Contract notice published on a local government official journal
  - Prior information notice published in TED (Tenders Electronic Daily)
  - Other

## 2. Code list DocRefContentType

❖ Elements of the code list DocRefContentType that will be kept:

Code	Label
ESPD_REQUEST	European Single Procurement Document Request issued by a contracting authority
TED_CN	Contract notice published in TED (Tenders Electronic Daily)
NOJCN	Contract notice published on a national government official journal
ROJCN	Contract notice published on a regional government official journal
LOJCN	Contract notice published on a local government official journal
TED_PIN	Prior information notice published in TED (Tenders Electronic Daily)
NOJPIN	Prior information notice published on a national government official journal
ROJPIN	Prior information notice published on a regional government official journal
LOJPIN	Prior information notice published on a local government official journal

## 2. Code list DocRefContentType

- ❖ Elements of the code list DocRefContentType that will be removed:
- Contract notice published in TED (Tenders Electronic Daily)
  - European Single Procurement Document Request issued by a contracting authority
  - ~~• Letter of intent~~
  - ~~• Status of the legal entity~~
  - ~~• Notice of appointment of the persons authorised to represent the tenderer~~
  - ~~• VAT registration document~~
  - ~~• Identity document~~
  - ~~• Reason for VAT exemption~~
  - ~~• Subcontracting justification~~
  - ~~• Power of attorney~~
  - Contract notice published on a national government official journal
  - Contract notice published on a regional government official journal
  - Contract notice published on a local government official journal
  - Prior information notice published on a national government official journal
  - Prior information notice published on a regional government official journal
  - Prior information notice published on a local government official journal
  - ~~• Contract award notice published on a national government official journal~~
  - ~~• Contract award notice published on a regional government official journal~~
  - Prior information notice published in TED (Tenders Electronic Daily)
  - ~~• Other~~



### 3. Occupation code list (ESCO)

- ❖ The aim is to define the type of activity of the economic operator.
- ❖ A new technical code list “Occupation” was included in ESPD v3.0.0 (April 2021), based on ESCO (Multilingual classification of European Skills, Competences, Qualifications and Occupations, <https://esco.ec.europa.eu/>).
- ❖ ESCO has been updated and metadata are now different.
- ❖ During June 2022, EU Vocabularies will provide the generic code file and a link to point to the ESCO website.
- ❖ The code list provided by EU Vocabularies will be available in the next ESPD release and will replace the current one. Validations and artifacts will be updated accordingly.

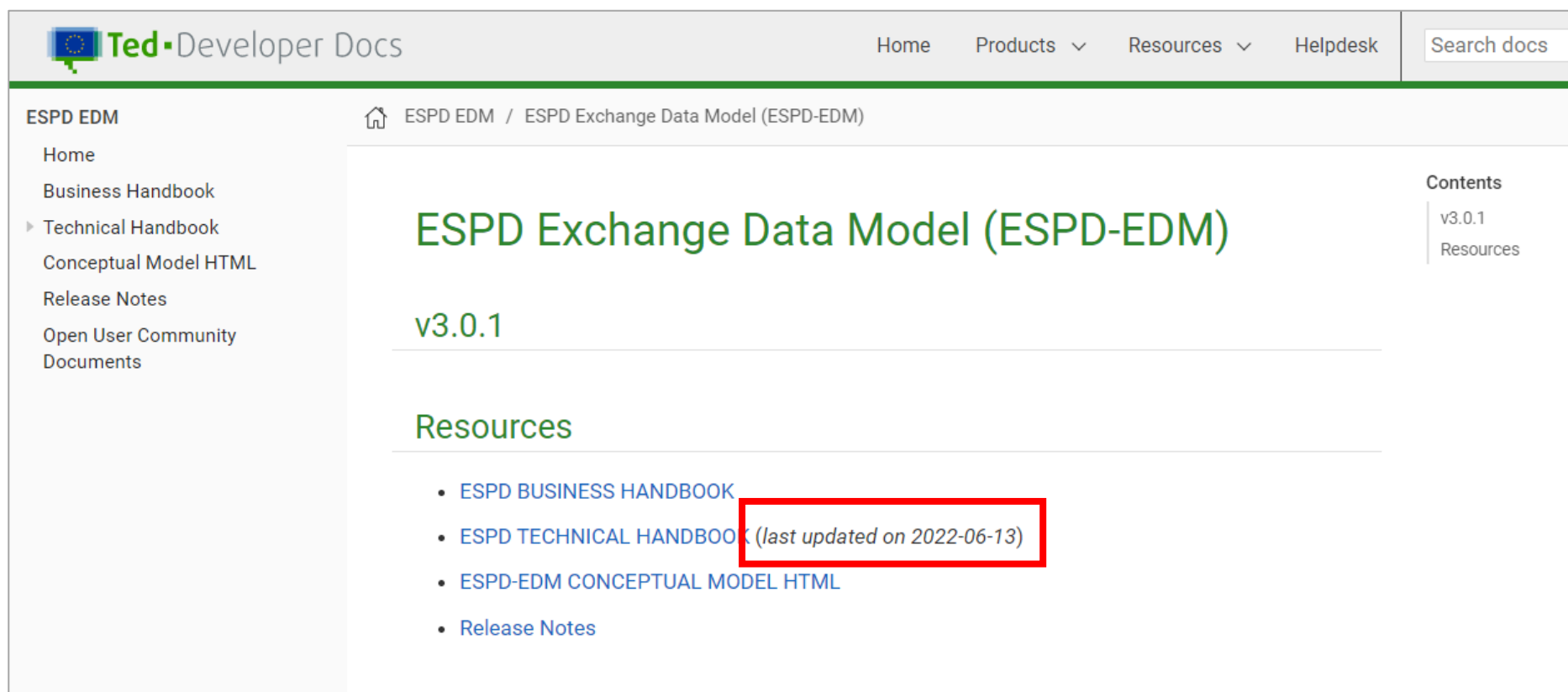
## 4. UUID

- ❖ The definition and analysis of the final solution of the UUID is ongoing.
- ❖ An internal meeting was held with INTERPROC on the 7<sup>th</sup> June to discuss the overall approach and the details of the solution.
- ❖ Currently, several samples are being prepared to test and validate the solution with question groups and requirement groups, in particular with variable cardinality and variable responses.
- ❖ An issue with the requirements linked to Selection Criteria still needs to be addressed and looked into.
- ❖ The proposed solution will be shared with the OUC after validating that it is sound and provides proper coverage to the business requirements.

## 5. Documentation update

❖ Access to online documentation:

<https://docs.ted.europa.eu/ESPD-EDM/3.0.1/index.html>



The screenshot displays the 'Ted Developer Docs' website. The header includes the 'Ted Developer Docs' logo, navigation links for 'Home', 'Products', 'Resources', and 'Helpdesk', and a 'Search docs' input field. The left sidebar lists navigation options: 'ESPD EDM', 'Home', 'Business Handbook', 'Technical Handbook', 'Conceptual Model HTML', 'Release Notes', and 'Open User Community Documents'. The main content area is titled 'ESPD EDM / ESPD Exchange Data Model (ESPD-EDM)' and features the heading 'ESPD Exchange Data Model (ESPD-EDM) v3.0.1'. Below this, a 'Resources' section lists four items: 'ESPD BUSINESS HANDBOOK', 'ESPD TECHNICAL HANDBOOK (last updated on 2022-06-13)', 'ESPD-EDM CONCEPTUAL MODEL HTML', and 'Release Notes'. The second item is highlighted with a red rectangular box. A 'Contents' sidebar on the right lists 'v3.0.1' and 'Resources'.

Ted Developer Docs

Home Products Resources Helpdesk Search docs

ESPD EDM

Home

Business Handbook

► Technical Handbook

Conceptual Model HTML

Release Notes

Open User Community Documents

ESPD EDM / ESPD Exchange Data Model (ESPD-EDM)

# ESPD Exchange Data Model (ESPD-EDM)

## v3.0.1

### Resources


- [ESPD BUSINESS HANDBOOK](#)
- [ESPD TECHNICAL HANDBOOK \(last updated on 2022-06-13\)](#)
- [ESPD-EDM CONCEPTUAL MODEL HTML](#)
- [Release Notes](#)

Contents

- v3.0.1
- Resources

## 5. Documentation update

❖ New section with the change log:

 Ted • Developer Docs

HomeProducts ▾Resources ▾Helpdesk

Search docs

ESPD EDM

ESPD EDM / The European Single Procurement Document3.0.1 ▾

[Home](#)  
[Business Handbook](#)  
[Technical Handbook](#)  
[Conceptual Model HTML](#)  
[Release Notes](#)  
[Open User Community Documents](#)

### 10. Annex III. Revisions of the Document.

Section	Original Text	Corrected Text	Description	GitHub Issue #	Publication Date
1.5 Codes and Identifiers	<b>listAgencyID</b> An agency that maintains one or more lists of codes <b>listAgencyName</b> The name of the agency that maintains the list of codes (MANDATORY in this version of ESPD).	<b>listAgencyID</b> An agency that maintains one or more lists of codes (MANDATORY in this version of ESPD). <b>listAgencyName</b> The name of the agency that maintains the list of codes.	Mandatory attribute wrong	<a href="#">330</a>	2022-06-09
2.5 Lot Management	The ESPD request include <b>selection criteria</b> that are general...	The ESPD request include <b>Exclusion Grounds</b> that are general...	Wording / Spelling issues	<a href="#">329</a>	2022-06-09
6.6 Economic	<b>cac:EconomnicOperatorRole</b>	<b>cac:EconomicOperatorRole</b>	Wording / Spelling	<a href="#">329</a>	2022-06-09

Contents

- 8.2. boolean-gui-control-type
- 8.3. country
- 8.4. criterion
- 8.5. criterion-element-type
- 8.6. currency
- 8.7. docrefcontent-type
- 8.8. economic-operator-size
- 8.9. eoid-type
- 8.10. eo-role-type
- 8.11. financial-ratio-type
- 8.12. language
- 8.13. occupation
- 8.14. profile-execution-id
- 8.15. property-group-type
- 8.16. response-data-type
- 9. Annex II. XML Examples
  - 9.1. Code List Examples
- 10. Annex III. Revisions of the Document.

## 6. GitHub issues

### ❖ Closed issues (4 issues)

Issue	Title of the issue
<a href="#">330</a>	Compulsory attributes of the code elements (datatype=Code)
<a href="#">329</a>	Wording/Spelling issues in the technical handbook v3.0.1
<a href="#">328</a>	Cardinality issue for the element cac:ProcurementProjectLotReference/cbc:ID
<a href="#">320</a>	Duplicate "Question Group UUID" in the same Criterion and the Question Groups have different structures

## 6. GitHub issues

### Compulsory attributes of the code elements (datatype=Code)

GitHub issue	<a href="#">#330</a>	Reception date	15/04/2022	Closing date	08/06/2022
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#### Description of the issue

An inconsistency is reported regarding the compulsory attributes of elements classified as codes (datatype = Code) in the technical handbook v.3.0.1.

In table 1 there is a requirement saying that the current ESPD specification requires always three mandatory attributes. Those are listID, listAgencyID , listVersionID, but in table 3, from the definitions in the definition column, it appears that the mandatory attributes in the current version of ESPD are: listID, listAgencyName, and listVersionID. So, according to the requirement listAgencyName is not included in the mandatory attributes, but according to table 3, it is. And in table 3 listAgencyID is not marked as (MANDATORY in this version of ESPD).

#### Solution provided by the ESPD Team

We have updated the Technical Handbook (<https://docs.ted.europa.eu/ESPD-EDM/3.0.1/index.html>) as detailed in section Annex III. Revisions of the Document.

## 6. GitHub issues

### Wording/Spelling issues in the technical handbook v3.0.1

GitHub issue	<a href="#">#329</a>	Reception date	15/04/2022	Closing date	08/06/2022
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#### Description of the issue

Some wording/spelling issues have been detected in the technical handbook version 3.0.1.

**Section 2.5 Lot Management.** The following sentence doesn't make sense as it looks right now, instead of Selection it should say Exclusion Grounds.

**Section 6.6 Economic Operator.** This is a minor spelling issue that concerns the cac:EconomicOperatorRole element. As you can see in the photo attached the spelling of this element in table 32 is not correct.

**Section 3.1 General Behavior.** The Legislation element has an incorrect namespace prefix. More specifically the prefix is displayed as cbc, but the correct one is cac.

**Section 3.4 Properties.** There is a minor spelling issue in the description of cbc:ValueDataTypeCode element in table 23. The word property is written as poperty.

**Section 5.1 Lot Management approach for Selection Criteria.** There is an issue with the wording in the second sentence.

#### Solution provided by the ESPD Team

We have updated the Technical Handbook (<https://docs.ted.europa.eu/ESPD-EDM/3.0.1/index.html>) as detailed in section Annex III. Revisions of the Document.

## 6. GitHub issues

### Cardinality issue for the element cac:ProcurementProjectLotReference/cbc:ID

GitHub issue	<a href="#">#328</a>	Reception date	15/04/2022	Closing date	16/05/2022
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#### Description of the issue

##### Section: 2.4 Root Elements

In table 5 in the technical handbook v3.0.1, the cardinality of the element `../cac:TenderingCriterion/cac:ProcurementProjectLotReference/cbc:ID` is presented as 0..n. but the correct cardinality for the identifier `cbc:ID`, which is inside the `cac:ProcurementProjectLotReference` is 1..1 and the 0..n cardinality belongs to `../cac:TenderingCriterion/cac:ProcurementProjectLotReference`.

#### Solution provided by the ESPD Team

The cardinality is not the same for Exclusion Grounds and Selection Criteria:

- Exclusion Grounds are common to all lots, and therefore a Lot Reference is not required (for Exclusion Grounds, cardinality is 0).
- For Selection Criteria it is mandatory to specify the Lot Reference for all lots for which the Selection Criterion applies (for Selection Criteria, cardinality is 1.n).

Therefore, combining the two, gives a cardinality of 0.n.



## 6. GitHub issues

Duplicate "Question Group UUID" in the same Criterion and the Question Groups have different structures

GitHub issue	<a href="#">#320</a>	Reception date	20/01/2022	Closing date	16/05/2022
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### Description of the issue

In the ESPD-criterion-V3.0.0 excel sheet there is a duplicate "Question Group UUID" in Criterion number 40 (qual-cont-tech) and 41 (work-tech) in Question Groups with different structures. The value of a "Question Group UUID" matches with a specific Question Group structure. This behavior is followed in all the other Criteria, which is a possible bug.

The "Question Group UUIDs" that appear to be duplicate are:

52ffcf91-3598-438f-8c3d-faf97da02602; 9026e403-3eb6-4705-a9e9-e21a1efc867d; 0a166f0a-0c5f-42b0-81e9-0fc9fa598a48

### Solution provided by the ESPD Team

Criteria 40 and 41 for question subgroup structures: "Technician" and "Technical body" are the same but the structures are different. To solve the reported issue, a new UUID has been generated in Criteria 40 and 41 for structure "Technical body": 70e28455-d0e1-47e7-9caa-ead3b7df7644. This is available in the master branch and it will be released it in the next version.

## 6. GitHub issues

Duplicate "Question Group UUID" in the same Criterion and the Question Groups have different structures (GitHub issue [#320](#)):

{QUESTION_SUBGROUP}			0..1	609cc954-64be-4b4f-800a-f17589deb936	ON*
{QUESTION_SUBGROUP			1	NONE	
{CAPTION}			0..n	52ffc9f91-3598-438f-8c3d-faf97da02602	ON*
{QUESTION_SUBGROUP	Technician				
{QUESTION}	First name	Paula	0..1	DESCRIPTION	
{QUESTION}	Last name	Keen	0..1	DESCRIPTION	
{QUESTION}	Profession	IT Consulta	1	DESCRIPTION	
{QUESTION}	Experience	21years as	0..1	DESCRIPTION	
{QUESTION}	Other information		0..1	DESCRIPTION	
{QUESTION}	How long with EO	120	0..1	QUANTITY_YEAR	
{QUESTION_SUBGROUP			0..1	9026e403-3eb6-4705-a9e9-e21a1efc867d	ON*
{QUESTION}	Is this information available o true		1	INDICATOR	
{QUESTION_SUBGROUP			0..1	0a166f0a-0c5f-42b0-81e9-0fc9fa598a48	ONTRUE
{QUESTION}	Evidence supplied	<a href="http://dodg">http://dodg</a>	1..n	EVIDENCE_IDENTIFIER	
{QUESTION_SUBGROUP}					
{QUESTION_SUBGROUP}					
{QUESTION_SUBGROUP}			0..1	45a67f48-d146-4faf-8239-dd6977dffe29	ON*
{QUESTION_SUBGROUP			1	NONE	
{CAPTION}			0..n	70e28455-d0e1-47e7-9caa-ead3b7df7644	ON*
{QUESTION_SUBGROUP	Technical body				
{QUESTION}	Name	[Name of th	1	DESCRIPTION	
{QUESTION}	Experience area	[Descriptio	0..1	DESCRIPT	
{QUESTION}	Other information	[A dditional	0..1	DESCRIPT	

## 6. GitHub issues

### ❖ Currently open issues (9 issues)

Issue	Title of the issue
<a href="#">333</a>	Same requirement group UUID with different content
<a href="#">332</a>	DATE Response Data Type
<a href="#">331</a>	Questions regarding the relationship at syntax binding level between data type and response data type and ESPD TestCases Mapping document
<a href="#">327</a>	Groups with same UUID and different cardinality
<a href="#">325</a>	Incorrect element code in ESPD-criterion.xlsx v3.0.1 for Criterion #27
<a href="#">312</a>	Question on UUID for Repeatable Question Sub Group
<a href="#">307</a>	New Code list 'occupation'
<a href="#">287</a>	Part IV: Selection criteria, C: Technical and professional ability (CA`s)
<a href="#">251</a>	Link eCertis and ESPD

## 6. GitHub issues

### Part IV: Selection criteria, C: Technical and professional ability (CA`s)

GitHub issue

[#287](#)

Reception date

04/11/2022

#### Description of the issue

CA`s side

Part IV: Selection criteria, C: Technical and professional ability

Criteria:

Subcontracting proportion

For supply contracts: samples, descriptions or photographs without certification of authenticity

For supply contracts: samples, descriptions or photographs with certification of authenticity

For supply contracts: certificates by quality control institutes

It is suggested to add a window Requirement as non-obligatory data, as it is used for example in  
Criteria: For works contracts: technicians or technical bodies to carry out the work.

## 6. GitHub issues

Part IV: Selection criteria, C: Technical and professional ability (CA's) (GitHub issue [#287](#)):

	Name	Description	Value(example)	Cardinality	PropertyDat	ElementUUID	Element Coc	Code List
51 {CRITERION	Subcontracti	The economic operator intends possibly to subcontract				612a1625-118d-4ea4-a6db-suncont-port		
{SUBCRITERION	[Name of th	[Description of the Natio	[Description of the National	0..n		e6b21867-95b5-4549-8180-	ON*	
{QUESTION_GROUP	{CAPTION}	[Additional information; €	[Additional information; e.g.	1	NONE	8c39b505-8abe-44fa-a3e0-	ON*	
{QUESTION}	Your Answer	true		1	INDICATOR			
QUESTION_GROUP}								
SUBCRITERION}								
{LEGISLATION}				0..n		c753a2c5-59e6-4970-b6eb-		
{REQUIREMENT_GROUP	{CAPTION}	[Additional information; €	[Additional information; e.g.	0..n	NONE	XXXXXXXXXX	ON*	
{QUESTION_GROUP				1		0e50931d-4d39-4f1d-9fdc-	ON*	
{QUESTION}	Does the EO fulfil the criteria by itself?			1	INDICATOR			
{QUESTION_SUBGROUP				1		fe557ed0-2387-478f-a9be-	ONFALSE	
{QUESTION}	In the case of no – Relied upon or not			1	INDICATOR			
{QUESTION_SUBGROUP				1		e296a1cc-83d3-48ac-b4e4-	ONTRUE	
{QUESTION}	Name of the entity	[Name]		1	DESCRIPTION			
{QUESTION}	ID of the entity	[ID]		1	ECONOMIC_OPERATOR_IDENTIFIER			
QUESTION_SUBGROUP}								
QUESTION_GROUP}								
{QUESTION_GROUP				1		575f7550-8a2d-4bad-b9d8-	ON*	
{QUESTION}	Please specify			1	DESCRIPTION			
QUESTION_GROUP}								
{QUESTION_GROUP				1		7458d42a-e581-4640-9283-	ON*	
{QUESTION}	Is this information availat true			1	INDICATOR			
{QUESTION_SUBGROUP				0..1		41dd2e9b-1bfd-44c7-93ee-	ONTRUE	
{QUESTION}	Evidence Supplied	EVIDENCE-ID		1..n	EVIDENCE_IDENTIFIER			
QUESTION_SUBGROUP}								
QUESTION_GROUP}								
CRITERION}								

## 7. Next meetings

### ❖ Next OUC meetings:

- September 22<sup>nd</sup> 2022, 10.00-11.30

### ❖ eProcurement Ontology version 3.0.0 beta meeting:

- June 28<sup>th</sup> 2022, 14.00-17.00

(<https://ecconf.webex.com/ecconf/j.php?MTID=mb4c23055d10fa536be6b046b50d1d518>)

## 8. AOB

- ❖ Access to a log of the changes of the ESPD-EDM through its different versions:  
<https://github.com/OP-TED/ESPD-EDM/releases>

The screenshot shows the GitHub interface for the repository **OP-TED / ESPD-EDM**. The top navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the repository name, there are buttons for Edit Pins, Unwatch (50), Fork (47), and Star (28). The main navigation bar includes links for Code, Issues (9), Pull requests, Discussions, Actions, Projects (1), Wiki, Security, Insights, and Settings. The Releases tab is selected, showing a list of releases. The latest release, **v3.0.1**, is highlighted with a green 'Latest' badge. The release description states: 'The ESPD-EDM v3.0.0 focuses on the ESPD-EDM alignment with eForms. This version provides changes and fixes suggested by the Member States and stakeholders via the GitHub repositories issues workspace. The list below details the updates included in this release.' Below the description, there is a section titled 'ESPD-EDM GitHub' with a list of sub-repositories: ESPD-EDM, \_ESPDTeam\_, codelists, and conceptual-model. The left sidebar shows the release date (23 Feb 2022), the user (psotofer), the version (v3.0.1), and the commit hash (d5cd28f) with a green checkmark. A 'Compare' button is also visible.

23 Feb 2022

psotofer

v3.0.1

d5cd28f

Compare

**v3.0.1** Latest

The ESPD-EDM v3.0.0 focuses on the ESPD-EDM alignment with eForms. This version provides changes and fixes suggested by the Member States and stakeholders via the GitHub repositories issues workspace.

The list below details the updates included in this release.

**ESPD-EDM GitHub**

- ESPD-EDM
  - \_ESPDTeam\_
  - codelists
  - conceptual-model

## 8. AOB

# Questions ?

*Please feel free to send any questions you have to*

[OPESPD@publications.europa.eu](mailto:OPESPD@publications.europa.eu)



**Thank you!**