

Maintenance and evolution of the ESPD EDM

Publications Office – C.3

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

31rd March 2021



Publications Office



an NTT DATA Company

Table of contents

1. Summary of last meeting on 3rd March 2021
2. ESPD-EDM v3.0.0 release status
3. Release Distribution
4. Maven Central Repository
5. Interoperability testbed usage for ESPD
6. ESPD Future evolution
7. Next meetings


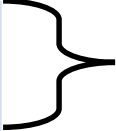
1. Summary of last meeting on 3rd March 2021

❖ **Meeting minutes:** https://github.com/ESPD/ESPD-EDM/blob/wgm-reports/ESPD_Minutes_OUC_Meetings_20210303_v1.0.pdf

❖ **Main topics:**

- Code List - Occupation and ESCO overview
- ESPD-EDM v3.0.0 release process
- Code List – CPV

2. ESPD-EDM v3.0.0 release status

Area	Task	
Set-up	<ul style="list-style-type: none">• Create new Branch (<i>DONE</i>) - LINK• Update from UBL2.2 to UBL2.3 (<i>DONE</i>) - LINK	 Distribution Package
Implementation	<ul style="list-style-type: none">• Code List harmonization (<i>DONE</i>) - LINK• eForms harmonization (<i>DONE</i>) - LINK• Issue implementation (<i>DONE</i>) - LINK• Schematron rules update (<i>DONE</i>) - LINK• Testbed update (<i>DONE</i>) - LINK	
Documentation	<ul style="list-style-type: none">• New Business Handbook (<i>DONE</i>) - LINK• New Technical Handbook (<i>DONE</i>) - LINK• Wiki update (<i>DONE</i>) - LINK	 Online Documentation

2. ESPD-EDM v3.0.0 release status

❖ **ESPD-EDM Release v3.0.0:** <https://github.com/ESPD/ESPD-EDM/tree/master>

README.md

ESPD Exchange Data Model (EDM)

Version 3.0.0

Introduction

The ESPD Exchange Data Model is the technical representation of the legal European Single Procurement Document. It is used to support interoperability between ESPD services provided all over Europe.

ESPD Wiki

To have a comprehensive view of what ESPD-EDM is and how to use it, we **strongly** recommend visiting the [ESPD-EDM Wiki](#), that aims to be the **Unique Access Point** for all of its resources: documentation, tools, assets, etc.

Documentation

- [v3.0.0](#)
- [v2.1.1](#)
- [v2.1.0](#)
- [v2.0.2](#)
- [v2.0.1](#)
- [v2.0.0](#)
- [v1.0.2](#)
- [v1.0.1](#)

Access 

..		
cl	Generation PDF of the online documentation	3 days ago
doc	Generation PDF of the online documentation	3 days ago
mod	Updated files	2 months ago
val/schematron	[Release_v3.0.0] SCH files update	4 days ago
xml	[Release_v3.0.0] SCH files update	
xsd	CCTS_CCT_SchemaModule 2.3	
xsdrt	CCTS_CCT_SchemaModule 2.3	
xslt	Update README.txt	

Access 

Access 

ESPD Exchange Data Model (ESPD-EDM)

v3.0.0

Resources





- [ESPD BUSINESS HANDBOOK V3.0.0](#)
- [ESPD TECHNICAL HANDBOOK V3.0.0](#)
- [All Resources in the distribution package](#)
- [Release Notes](#)

3. Release Distribution

ESPD Exchange Data Model (ESPD-EDM)

v3.0.0

Resources

- [ESPD BUSINESS HANDBOOK V3.0.0](#) [Access](#) 
- [ESPD TECHNICAL HANDBOOK V3.0.0](#) [Access](#) 
- [All resources in the distribution package](#) [Access](#) 
- [Release Notes](#) [Access](#) 

3. Release Distribution

❖ **ESPD-EDM Release v3.0.0:** <https://github.com/ESPD/ESPD-EDM/tree/master/docs/src/main/asciidoc/dist>

..		
cl	Generation PDF of the online documentation	3 days ago
doc	Generation PDF of the online documentation	3 days ago
mod	Updated files	2 months ago
val/schematron	[Release_v3.0.0] SCH files update	4 days ago
xml	[Release_v3.0.0] SCH files update	4 days ago
xsd	CCTS_CCT_SchemaModule 2.3	26 days ago
xsdrt	CCTS_CCT_SchemaModule 2.3	26 days ago
xslt	Update README.txt	3 days ago

4. Maven Central Repository

The screenshot displays the Nexus Repository Manager web interface. At the top, the 'Search' tab is active, showing a keyword search for 'eu.europa.ec.grow'. Below the search bar, a table lists the search results. The first result is 'eu.europa.ec.grow.espd' with artifact 'exchange-model3' and version '3.0.0'. Below the table, the 'Releases' tab is selected, showing a tree view of the repository structure. The tree view shows the path 'eu > europa > ec > grow > espd > exchange-model3 > 3.0.0'. The artifact 'exchange-model3-3.0.0.jar' is selected. On the right, the 'Artifact' tab is active, displaying the following information:

- Repository Path: [/eu/europa/ec/grow/espd/exchange-model3/3.0.0/exchange-model3-3.0.0.jar](#)
- Uploaded by: ESPD
- Size: 3.43 MB
- Uploaded Date: Tue Mar 23 2021 09:00:29 GMT+0100 (hora estándar de Europa central)
- Last Modified: Tue Mar 23 2021 09:00:29 GMT+0100 (hora estándar de Europa central)

Below the artifact information, there are 'Download' and 'Delete' buttons. At the bottom, the 'Checksums' section shows the SHA1 and MD5 hashes for the artifact.

Checksum	Value
SHA1	0ef4928178b0ae21c92b22ffd0f045dacfa02125
MD5	dce0c374420fed1ddbf5a6ba4d320a0c

<https://oss.sonatype.org/service/local/repositories/releases/content/eu/europa/ec/grow/espd/exchange-model3/3.0.0/exchange-model3-3.0.0.jar>

4. Maven Central Repository

Installation

With Maven

The recommended way to get started using the `exchange-model` in your Java project is with a dependency management system.

pom.xml

```
<dependency>
  <groupId>eu.europa.ec.grow.espd</groupId>
  <artifactId>exchange-model3</artifactId>
  <version>3.0.0</version>
</dependency>
```



Version 3 of the `Exchange Model` has a different `artifactId`, i.e. `exchange-model3`, in order to support the usage of both versions at the same time inside a `Java` Maven project.

5. Interoperability testbed usage for ESPD

❖ Interoperability Test Bed Access Point: <https://www.itb.ec.europa.eu/espd/upload>



The screenshot shows the 'ESPD validator' web interface. It features a 'Content to validate' section with a 'File' dropdown and a 'Select file...' button. Below this is a 'Validate as' dropdown menu that is open, showing a list of options: 'Request (version 1.0.2)', 'Response (version 1.0.2)', 'Request (version 2.1.1)', 'Response (version 2.1.1)', 'Request (version 3.0.0)', and 'Response (version 3.0.0)'. The 'Request (version 3.0.0)' option is highlighted in blue. At the bottom of the interface, there is a small text line stating: 'This service is powered by the ISA² Interoperability Test Bed, a conformance testing service offered by the European Commission's DG DIGIT for projects involved in the delivery of cross-border public services. Find out more here.'

ESPD validator

Content to validate: File [v] [Select file...]

Validate as: [v]

- Request (version 1.0.2)
- Response (version 1.0.2)
- Request (version 2.1.1)
- Response (version 2.1.1)
- Request (version 3.0.0)**
- Response (version 3.0.0)

This service is powered by the ISA² Interoperability Test Bed, a conformance testing service offered by the European Commission's DG DIGIT for projects involved in the delivery of cross-border public services. Find out more here.

6. ESPD future evolution

- ❖ **Code list directly from EU Vocabularies**
- ❖ **ESCO API for occupation code list**
- ❖ **Bug fixes**
- ❖ **Adhoc improvements according to OUC needs.**

7. Next meetings

❖ **Next meeting:** April 28th

Questions ?