

# **Core Standards and Specifications Vocabulary (CSSV) v1.4.1**



**Release notes**

## Change Control

Modification	Details
<b>Version 1.4.1</b>	
<b>Current version</b>	<p>This is a bug fixing release of the CSSV Vocabulary including the following changes:</p> <ul style="list-style-type: none"> <li>- Best practices on namespace definition in the CSSV T-Box: empty prefix and base were removed.</li> <li>- OWL representations of external terms redefining their meaning have been removed from the T-Box.</li> <li>- References to the redefinition of these late terms have been removed from this document for consistency.</li> <li>- A restriction on the <code>dcap:previousVersion</code> has been added with regards to the CSSV Specification class.</li> </ul>
<b>Version 1.4.0</b>	
<b>Latest version</b>	<p>Main changes for this minor version of the Vocabulary are:</p> <ul style="list-style-type: none"> <li>- Alignment with SEMIC style guide practices.</li> <li>- CAV update regarding with new versions of DCAT v3.</li> <li>- Addition of the <code>cssv:isRecommendedBy</code> property.</li> <li>- Addition of a FAIR conformance section.</li> </ul>
<b>Version 1.3.0</b>	
	<p>Main changes for this minor version of the Vocabulary are:</p> <ul style="list-style-type: none"> <li>- Refinement of Specification and Standard's definition.</li> <li>- Refinement of Specification's versioning.</li> <li>- Alignment of CSSV T-box and CSSV specification.</li> <li>- Adoption of the <code>schema:contactPoint</code> relationship for expressing the Agent who maintains the Specification.</li> <li>- Recovery of the <code>cssv:alternative</code> attribute.</li> </ul> <p>Addition of the <code>dcap:downloadURL</code> attribute.</p>
<b>Version 1.2.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- The class <code>cssv:Scope</code> has been removed.</li> <li>- The <code>cssv:Specification</code> class inherits from the DCAT the attribute <code>dcap:Version</code> to identify the version of the specification.</li> </ul>

	<ul style="list-style-type: none"> <li>- Addition of the attribute <code>cssv:acronym</code> in the class <code>cssv:Specification</code> and the attribute <code>dct:alternative</code> has been removed.</li> </ul>
<b>Version 1.1.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- Use of the latest of version of DCAT.</li> <li>- The class <code>adms:Asset</code> has been replaced by <code>dcate:Resource</code>.</li> <li>- The <code>dcate:Resource</code> class has a <code>dct:creator</code> which is a <code>foaf:Agent</code>.</li> <li>- Addition of the class <code>schema:ContactPoint</code>.</li> </ul>
<b>Version 1.0.0</b>	
<b>Initial version</b>	

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## 1. INTRODUCTION

### 1.1. Objective and purpose

This document contains the description of the release version 1.4.1 of Core Standards and Specifications Vocabulary (CSSV).

The CAMSS Core Standards and Specifications Vocabulary is the first version of the vocabulary used for the information exchange regarding standards and specifications among software solutions. It is as well, a key element for the development of new release of ELIS, the EIRA Library of Interoperability Specifications.

### 1.2. Release date

This version of the CAMSS Core Standards and Specifications Vocabulary has been released the 29<sup>th</sup> of November 2024 in Interoperable Europe Portal.

### 1.3. Description

The Core Standards and Specifications Vocabulary was released on the 29<sup>th</sup> of November 2024. The purpose of this solution is supporting the information exchange about standards and specifications amongst software solutions.

### 1.4. Terminology

Acronym	Description
CAMSS	Common Assessment Method for Standards and Specifications
CSSV	Core Standard and Specifications Vocabulary
EIF	European Interoperability Framework
ELIS	EIRA Library of Interoperability Specifications

**Table 1: Acronyms**

## 2. RELEASE COMPONENTS

The Core Standards and Specification Vocabulary (CSSV) consists of the following release components.

### 2.1. [CSSV Specification v1.4.1.pdf](#)

The specification describing the Core Standards and Specifications Vocabulary in PDF format.

Modification	Details
<b>Version 1.4.1</b>	
<b>Current version</b>	<p>This is a bug fixing release of the CSSV Vocabulary including the following changes:</p> <ul style="list-style-type: none"><li>- References to the redefinition of OWL representations of external terms redefining their meaning have been removed from this document for consistency.</li></ul>
<b>Version 1.4.0</b>	
<b>Latest version</b>	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"><li>- Alignment with SEMIC style guide practices.</li><li>- CAV update regarding with new versions of DCAT v3.</li><li>- Addition of the <code>cssv:isRecommendedBy</code> property.</li><li>- Addition of a FAIR conformance section.</li></ul>
<b>Version 1.3.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"><li>- Refinement of Specification and Standard's definition.</li><li>- Addition of the <code>pav:version</code> attribute and the <code>pav:previousVersion</code> relationship (Specification class).</li><li>- Adoption of the <code>schema:contactPoint</code> relationship for expressing the Agent who maintains the Specification, deprecating <code>cssv:isContactPointOf</code>.</li><li>- Recovery of the <code>cssv:alternative</code> attribute.</li></ul>
<b>Version 1.2.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"><li>- The class <code>cssv:Scope</code> has been removed.</li><li>- The <code>cssv:Specification</code> class inherits from the DCAT the attribute <code>dcate:Version</code> to identify the version of the specification.</li></ul>

	Addition of the attribute <code>cssv:acronym</code> in the class <code>cssv:Specification</code> and the attribute <code>dct:alternative</code> has been removed.
<b>Version 1.1.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- Use of the latest of version of DCAT.</li> <li>- The class <code>adms:Asset</code> has been replaced by <code>dcate:Resource</code>.</li> <li>- The <code>dcate:Resource</code> class has a <code>dct:creator</code> which is a <code>foaf:Agent</code>.</li> <li>- Addition of the class <code>schema:ContactPoint</code>.</li> </ul>
<b>Version 1.0.0</b>	
<b>Initial version</b>	

**Table 2: CSSV in PDF**

## 2.2. [CSSV v1.4.1 T-Box.ttl](#)

The constituent entities of the Core Standards and Specifications Vocabulary in TTL format.

Modification	Details
<b>Version 1.4.1</b>	
<b>Current version</b>	<p>This is a bug fixing release of the CSSV Vocabulary including the following changes:</p> <ul style="list-style-type: none"> <li>- Best practices on namespace definition in the CSSV T-Box: empty prefix and base were removed.</li> <li>- OWL representations of external terms redefining their meaning have been removed from the T-Box.</li> <li>- A restriction on the <code>dcate:previousVersion</code> has been added with regards to the <code>CSSV Specification</code> class.</li> </ul>
<b>Version 1.4.0</b>	
<b>Latest version</b>	<p>Main changes for this minor version of the Vocabulary are:</p> <ul style="list-style-type: none"> <li>- Alignment of the T-Box with the CSSV specification.</li> <li>- Improvements identified by the CAMSS Team and the CSSV Github contributors.</li> </ul>
<b>Version 1.3.0</b>	
	This minor release of the CSSV includes:



	<ul style="list-style-type: none"> <li>- Amendment on the Specification and Standard's definition.</li> <li>- Addition of the pav:version attribute and the pav:previousVersion relationship (Specification class).</li> <li>- Addition of the schema:contactPoint relationship for expressing the Agent who maintains the Specification, deprecating cssv:isContactPointOf.</li> <li>- Recovery of the cssv:alternative attribute.</li> </ul> <p>Addition of the dcat:downloadURL attribute.</p>
<b>Version 1.2.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- The class cssv:Scope has been removed.</li> <li>- The cssv:Specification class inherits from the DCAT the attribute dcat:Version to identify the version of the specification.</li> </ul> <p>Addition of the attribute cssv:acronym in the class cssv:Specification and the attribute dct:alternative has been removed.</p>
<b>Version 1.1.0</b>	
<b>Latest version</b>	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- Use of the latest of version of DCAT.</li> <li>- The class adms:Asset has been replaced by dcat:Resource.</li> <li>- The dcat:Resource class has a dct:creator which is a foaf:Agent.</li> <li>- Addition of the class schema:ContactPoint.</li> </ul>
<b>Version 1.0.0</b>	
<b>Initial version</b>	

Table 3: T-Box of Core Specification and Standard Vocabulary (CSSV) in TTL

### 2.3. [CSSV v1.4.1 .UML](#)

Core Standards and Specifications Vocabulary data model presented in Draw.io format.

Modification	Details
<b>Version 1.4.1</b>	
	N/A

<b>Version 1.4.0</b>	
<b>Current version</b>	Includes the amendments and additions defined in the CSSV T-Box and CSSV specification.
<b>Version 1.3.0</b>	
<b>Latest version</b>	Includes the amendments and additions defined in the CSSV T-Box and CSSV specification.
<b>Version 1.2.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- The class cssv:Scope has been removed.</li> <li>- The cssv:Specification class inherits from the DCAT the attribute dcat:Version to identify the version of the specification.</li> <li>- Addition of the attribute cssv:acronym in the class cssv:Specification and the attribute dct:alternative has been removed.</li> </ul>
<b>Version 1.1.0</b>	
	<p>This minor release of the CSSV includes:</p> <ul style="list-style-type: none"> <li>- Use of the latest of version of DCAT.</li> <li>- The class adms:Asset has been replaced by dcat:Resource.</li> <li>- The dcat:Resource class has a dct:creator which is a foaf:Agent.</li> <li>- Addition of the class schema:ContactPoint.</li> </ul>
<b>Version 1.0.0</b>	
<b>Initial version</b>	

Table 4: CSSV v1.4.1 in UML format

## 2.4. [CAMSS Info Package v9.0.0](#)

Document explaining briefly CAMSS action's context

Modification	Details
<b>Version 9.0.0</b>	
<b>Current version</b>	<p>This version includes:</p> <ul style="list-style-type: none"> <li>• Updates on the CAMSS history and context.</li> </ul>

	<ul style="list-style-type: none"> <li>• Inclusion of the CAMSS Incompatibility Scenario Solution.</li> <li>• Inclusion of the ELAP Validator Solution.</li> <li>• New template following the Interoperable Europe Style.</li> <li>• Information about the CAMSS support of the Interoperable Europe Act.</li> </ul>
<b>Version 8.0.0</b>	
<b>Latest version</b>	<p>This version includes:</p> <ul style="list-style-type: none"> <li>- Deprecation of the CAMSS Ontology and the CAMSS Assessment TS scenario.</li> <li>- Inclusion of the CAMSS Assessment Graph and the CSSV A-Box in the CAMSS assets.</li> <li>- New CAMSS logo following the Interoperable Europe style.</li> </ul>
<b>Version 7.0.0</b>	
	<p>This version includes:</p> <ul style="list-style-type: none"> <li>- The inclusion of the new 3 CAMSS Assessment Scenarios (EIF, MSP, TS) as independent solutions and which deprecate the old CAMSS Tools.</li> <li>- Inclusion of the DEP Programme replacing the old ISA2 programme.</li> </ul>
<b>Version 6.0.0</b>	
	<p>This version includes:</p> <ul style="list-style-type: none"> <li>- EIF Toolbox information</li> <li>- New CAMSS solutions description (e.g. European Library of Architecture Principles – ELAP)</li> <li>- New releases CAMSS Solutions description</li> </ul>
<b>Version 5.0.0</b>	
	<p>This version includes:</p> <ul style="list-style-type: none"> <li>- EIF Overview – Storyline updated</li> <li>- Tallinn declaration</li> <li>- New CAMSS solutions description</li> </ul>
<b>Version 4.0.0</b>	
	<p>This version includes:</p>

	- Update with the latest inputs on CAMSS environment.
<b>Version 3.0.0</b>	
	This version includes: <ul style="list-style-type: none"> <li>- EIF Overview – Storyline</li> <li>- Tallinn declaration</li> </ul> What our users say
<b>Version 2.0.0</b>	
<b>Version 1.0.0</b>	
<b>Initial version</b>	

Table 5: CAMSS Info Package

## 2.5. [European Union Public Licence \(EURL\) v1.2](#)

The license under which the CSSV 1.4.0 is released.

Modification	Details
<b>Version 1.2.0</b>	
<b>Current version</b>	Version 1.2, published in Official Journal of 19 May 2017 and available in 23 official languages of the European Union.
<b>Version 1.1.0</b>	
<b>Latest version</b>	Version 1.1 published in January 2009 (22 languages).
<b>Version 1.0.0</b>	
<b>Initial version</b>	

Table 6: EURL 1.2

## 2.6. [CSSV v1.4.1 Release](#)

Include ZIP files of all the components mentioned above

Modification	Details
<b>Version 1.4.1</b>	

Current version	
Version 1.4.0	
Latest version	
Version 1.3.0	
Version 1.2.0	
Version 1.1.0	
Version 1.0.0	
Initial version	

Table 7: CSSV v1.4.1 release

## 2.7. [CSSV v1.4.1 HTML](#)

The HTML format of this CSSV v1.4.1 release

Modification	Details
Version 1.0.1	
Current Version	<p>This is a bug fixing release of the CSSV Vocabulary including the following changes:</p> <ul style="list-style-type: none"> <li>- OWL representations of external terms redefining their meaning have been removed from the T-Box.</li> <li>- References to the redefinition of these late terms have been removed from this document for consistency.</li> </ul>
Version 1.0.0	
Initial Version	<p><i>Disclaimer: the logic of publishing CSSV in HTML format as common practice of SEMIC was adopted; however, instead of using the SEMIC toolchain, which requires the use of Sparx Systems tools, the alternative was to adopt LODE and Widoco. These tools align with the open-source principle of CAMSS.</i></p>

Table 8: CSSV v1.4.1 HTML

