

ECLASS Documentation:

How to obtain Asset XML

ECLASS e.V.

12.12.2022

ECLASS

Introduction

With Release 13.0, the ECLASS Standard includes enhancements for the Asset Administration Shell (AAS). In terms of the data model, a new application class of type "Asset" has been introduced in addition to BASIC and ADVANCED. In addition, properties can have the data types "File" and "Blob".

The asset application classes were created for all classes at the fourth level in the segments 17, 18, 19, 21, 23, 27, 28, 32, 33, 36, 49, 50 and 51.

In addition, the so-called "submodel templates" were created on the content level. "Submodel templates" for the AAS were created as Aspects and added to the Asset AC. Release 13.0 contains the submodel templates "Handover Documentation" and "Digital Nameplate for Industrial Equipment".

With Release 13.0, ECLASS e.V. also publishes a third deliverable for the first time. In addition to the BASIC and ADVANCED representation, there is now an "Asset" type deliverable. This contains all asset application classes including the Submodel template aspects.



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1 How can I get the new Asset XML?

All licenses are available on the ECLASS Shop (see below). To get one, you first need to register. As shown in the image below, under the lock icon you can find the button "Register here!".



Then you land on the registration page, as seen below, and you can fill out the necessary information.

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Registration	Checking your information	Completion
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Contact		
Gender *	Title (optional)	
Please choose	Last name *	
Email address *	Phone *	
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In the next step you can check your information and then complete the registration process. Following your registration, you will get a confirmation email.

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Registration Checking your information Completion	
Registration completed	
Welcome, Yasmin Hassankhani!	
Your registration has been successfully completed. You have received an email confirmation and have been automatically logged in.	
Go to my profile Go shopping	

2 Where do I find the Asset XML?

After you have registered successfully, under "Shop" you can click on the button "ECLASS Single License".

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In this overview, you will be able to see the new "ECLASS 13.0 (Asset)".



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Back to product overview		
ECLASS Sing	le License	
	ECLASS 13.0	€700.00
	License for ECLASS Release 13.0 in all available languages and all export formats. ECLASS 13.0 was released on Dec 14, 2022.	One-time purchase fee
	SHOW PRODUCT	
13.0	_	
	ECLASS 13.0 (Asset)	€ 0.00
	License for ECLASS Release 13.0 in English and German and in export format Asset. ECLASS 13.0 (Asset) was released on Dec 14, 2022.	One-time purchase fee 🏾 🕦
13.0	SHOW PRODUCT	

After you click on the button "Show product", you will land on the overview page of the Asset XML (see below). There additional information is available as well as the option to obtain the license.



3 How do I obtain the Asset XML?

ECLASS 13.0 (Asset) is free for all users. This means that no order is required. To activate the product yourself, you have to go to your profile and click on "My discount codes".

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My profile	
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My discount codes Subscribe to Newsletter	
ECLASS reference customer:	

There you can enter the discount code "asset-151" and then click on "Save".

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After this the ECLASS 13.0 (Asset) will be immediately available in the personal download area. For this purpose, go to your profile and click on "My downloads".



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My profile Manage my information My company Address administration User administration My discount codes Subscribe to Newsletter ECLASS reference customer: Reference customer Deletion of the naming as a reference customer	My purchases My invoices and orders My downloads	

Now, you can see the ECLASS 13.0 (Asset) and will be able to download it both in English and in German.

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ECLASS 13.0	ls				Number of downloads: 1	Proof of licensing

4 How to use the ASSET XML?

After you have downloaded the ASSET XML, you can simply unpack it. Use the right click and a suitable packing program.



		17301	0000enUSassetXML01
	Öffnen		
S	Mit Skype teilen		
1	PDF24		
	Mit WinRAR öffnen		
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2	Edit with Notepad++		
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	Öffnen mit	>	
	Zugriff gewähren auf	\rightarrow	
۰	WinMerge		
1	Vorgängerversionen wiederherstellen		
	Senden an	>	
	Ausschneiden		
	Kopieren		
	Verknüpfung erstellen		
	Löschen		
	Umbenennen		
	Eigenschaften		

The unzipped file looks like this and contains the folders with the XML-files and a ReadMe:

ECLASS13_0_Dictionary_ASSET_XML_EN	29.11.2022 17:42	Dateiordner	
ECLASS13_0_Templates_ASSET_XML_EN	29.11.2022 17:42	Dateiordner	
ECLASS13_0_UnitsML_EN_DE	29.11.2022 23:22	Dateiordner	
1730130000enUSassetXML01	30.11.2022 13:24	WinRAR-ZIP-Archiv	5.260 KB
ECLASS_ASSET_XML_Read_Me_EN_v1	29.11.2022 10:13	Microsoft Edge P	159 KB

Now you have three valid options

- a. Please contact your internal IT experts for implementation
- b. Otherwise, please contact the <u>IT service providers</u>
- c. Otherwise, please check out the BEATS solution from **BCON**²



ECLASS

	> SubmodelIdetails									
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