

eCl@ss - Analysis of the field lengths

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▶ Question

- > Does all field lengths have to be quoted in eCl@ss to describe all properties?

▶ Consideration comes from eCl@ss 9.0 BASIC CSV

▶ Analysis of „eClass9_0_PR_de.csv“

- > DigitsBeforeComma
- > DigitsAfterComma
- > NumberOfCharacters

▶ No defined guidelines for use cases in application management

- > Illustration of value limits

► Consideration of 16.845 properties

	Number total	Number digit before	Values digits before	Number digit after	Values digits after	Number no of char	Number no of char
Boolean	3.810						
Date	6						
Integer_Count	1.096	1.024	[1-16]				
Integer_Measure	1.006	999	[1-16]				
Real_Count	207	166	[0-5]	144	[1 5]		
Real_Measure	5.116	4.868	[0-12]	2.829	[1-9]		
String	4.180					2.567	[1-1024]
String_Translatable	1.424					1.271	[1-512]

▶ Guidelines by transmission formats

- > Transmission formats like BMEcat and GS1 XML CIN define field lengths by itself
- > There are a lot of differences
 - » between formats
 - » between formats and eCl@ss

▶ Guidelines by systems in die eCl@ss importiert wird

- > E.g. SAP claims respective guidelines for the three mentioned fields
- > These can be harmonized

▶ Guidelines by Expert Groups

- > Changes of the extradition format BASIC CSV are relatively determined