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1. Terms of use

The use of the mapping tables is only permitted in acceptance of the General eCl@ss Terms of Use. These can be found at <http://www.eclassdownload.com/catalog/conditions.php?language=en>.

These mapping tables and the pertaining files may not be passed on or sold to other companies without the permission of eCl@ss. This also applies to their direct or indirect use in software products. Should the user wish to do so, a special agreement must be made with eCl@ss.

Commercial or other work for third parties with the help of the mapping tables and the pertaining files is permitted so long as the user ensures that the third party is in possession of a valid license for the source and target release.

2. General information about eCl@ss

Using a „common language“, which is understandable for both man and machine, is mandatory for a successful electronic and automated communication.

With eCl@ss, there is this common language available: a world-wide and cross-industry standard for classification and unambiguous description of products and services, which is conform to international and national standards. By using eCl@ss within the entire supply chain – from development to disposal - you can optimize internal business processes as well as cooperate with business partners in a more efficient way.

eCl@ss is developed by the association eCl@ss e.V., a non-profit organization, which is supported by ordinary and sponsoring members from companies, associations and institutions. Their common goal is to enhance eCl@ss in accordance with current and future market requirements as well as to promote its international use.

Members of the eCl@ss association come from international companies from different industries (e.g. automotive, chemical and electrical engineering, utilities, service and trade).

You can find up-to-date information on <http://www.eclass.eu>.

3. Description of the files

The ZIP-file contains all relevant files for the mapping process.

eClass-RUF-TU-CC_6_x_to_7_x.csv	=	Transaction Upgrade Classes (Class-Update-Table)
eClass-RUF-TU-PR_6_x_to_7_x.csv	=	Transaction Upgrade Properties (Property-Update-Table)
eClass-RUF-CC_6_x_to_7_x_EN.csv	=	Table of Classification Classes
eClass-RUF-KWSY_6_x_to_7_x_EN.csv	=	Table of Keywords / Synonyms
eClass-RUF-PR_6_x_to_7_x_EN.csv	=	Table of Properties
eClass-RUF-VA_6_x_to_7_x_EN.csv	=	Table of Values
eClass-RUF-CC_PR_6_x_to_7_x.csv	=	Relations Classes-Properties
eClass-RUF-PR_VA_6_x_to_7_x.csv	=	Relations Properties-Values
eClass-RUF-UN_6_x_to_7_x_en_US.csv	=	Table of units

Content of the data sets:

eCl@ss - Mapping of Release 6.x to Release 7.x – English (Release Update Files)

The file contains all data of the SourceReleases 6.0 up to 6.2.1, i.e. it is valid for all 6.x-versions.

Format of data sets:

CSV, data sets separated by semicolon (1st line = field titles), Codepage: UTF-8

3.1 About the use of the files

You can only use these mapping tables, if you possess both a source release (6.x) and the target release 7.x and if you are a registered user of the eCl@ss standard.

The TU files for classes and properties contain the predecessor-successor-relationship of the changed classes and properties respectively in release 7.x. In the several tables of the specific structural elements (e.g. ...7_x_CC_en.csv) all absolute changes are listed, i.e. all elements and relations that are no more part of release 7.x are listed as “CLOSED”, all new ones are listed as “NEW”. Those elements marked with “VERSION NUMBER” have been adapted, but their concept was not changed, i.e. their identifier did not change, only their version number was raised.

3.2 Structure of the Transaction Upgrades (TU)

3.2.1 eClass-RUF-TU-CC_6_x_to_7_x.csv (Class-Update-Table)

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • MOVE: The class was moved in the hierarchy (CodedName changed), only level 4 • SPLIT: The class was split into several other classes and deprecated, only level 4 • JOIN: The class was joined into another class and deprecated, only level 4 	CHAR(20)
2	IrdiSourceRelease	Primary key of the predecessor class in the SourceRelease; International Registration Data Identifier of the class, globally unique eCl@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	CodedNameSourceRelease	eCl@ss class code of the predecessor (class in SourceRelease)	CHAR(8)
4	IrdiTargetRelease	Primary key of the successor class in the TargetRelease; International Registration Data Identifier of the class, globally unique eCl@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
5	CodedNameTargetRelease	eCl@ss class code of the successor (class in TargetRelease)	CHAR(8)
6	SourceRelease	e.g. eCl@ss 6.2.1	CHAR(13)
7	TargetRelease	e.g. eCl@ss 7.0	CHAR(13)

Examples:

Command	IrdiSourceRelease	CodedName SourceRelease	IrdiTargetRelease	CodedName TargetRelease	Source Release	Target Release
MOVE	0173-1#01-AAA358#008	21040601	0173-1#01-AAA358#009	21044727	eCl@ss6.2.1	eCl@ss7.0
JOIN	0173-1#01-AKG216#006	25070102	0173-1#01-ADU381#001	14020390	eCl@ss6.2.1	eCl@ss7.0
JOIN	0173-1#01-BAC022#004	25071290	0173-1#01-ADU381#001	14020390	eCl@ss6.2.1	eCl@ss7.0
SPLIT	0173-1#01-AAA294#008	21160108	0173-1#01-ADH535#001	21160111	eCl@ss6.2.1	eCl@ss7.0
SPLIT	0173-1#01-AAA294#008	21160108	0173-1#01-ADH537#001	21160112	eCl@ss6.2.1	eCl@ss7.0
SPLIT	0173-1#01-AAA294#008	21160108	0173-1#01-ADH539#001	21160113	eCl@ss6.2.1	eCl@ss7.0

Join:

Classes 25070102 and 25071290 were joined in the new class 14020390 in release 7.0. The sources will not be published any more. Join means: from specific to more general.

Move:

Class 21040601 was moved to class 21044727 in release 7.0. Only the version number at the end of the IRDI (unique identifier) changes.

Split:

Class 21160108 was split into three new classes in release 7.0: 21160111, 21160112 and 21160113. The three new classes persist, 21160108 will not be published any more. Split means: from general to more specific.

3.2.2 eClass-RUF-TU-PR_6_x_to_7_x.csv (Property-Update-Table)

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • NEW: New assignment in TargetRelease • VERSION NUMBER: At least one of the elements was changed without changing the concept (e.g. textual correction). Identifiers do not change. • REPLACE: The element was replaced by another identical element (a compatible replacement according to ISO Change Management) • SUBSTITUTE: The element was substituted by another similar element (an incompatible substitution according to ISO Change Management) 	CHAR(20)
2	IrdiCCSourceRelease	Primary key of the predecessor class in the SourceRelease; International Registration Data Identifier of the class, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	CodedNameSourceRelease	eCI@ss class code of the predecessor (class in SourceRelease)	CHAR(8)
4	IrdiPRSourceRelease	Primary key of the assigned property in the SourceRelease; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
5	IrdiCCTargetRelease	Primary key of the successor class in the TargetRelease; International Registration Data Identifier of the class, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
6	CodedNameTargetRelease	eCI@ss class code of the successor (class in TargetRelease)	CHAR(8)
7	IrdiPRTargetRelease	Primary key of the assigned property in the TargetRelease; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
8	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
9	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

The table contains those cases, where the relation between a property and a class has changed. If a property in a class was replaced or substituted by another property the old property will not be part of the target release in this context.

Replace = Compatible replacement:

The replacement of an old property by a new one is compatible, i.e. re-use is possible. Note: both properties are identical in preferred name, definition, data type, possibly unit and possibly value list.

Substitute = Incompatible replacement:

The replacement of an old property by a new one is incompatible, i.e. manual adaption of the data is necessary. Note: the old property was incorrect and is substituted by the new correct one. The new property might differ in preferred name, definition, data type, possibly unit or possibly value list.

Examples:

Command	IrdiCC Source Release	CodedName Source Release	IrdiPR Source Release	IrdiCC Target Release	CodedName Target Release	IrdiPR Target Release	Source Release	Target Release
SUBSTITUTED_PROP	0173-1#01-AKM314#009	24210204	0173-1#02-AAA147#002	0173-1#01-AKM314#010	24210204	0173-1#02-AAP803#001	eCI@ss6.2.1	eCI@ss7.0
REPLACED_PROP	0173-1#01-AAB955#007	27150301	0173-1#02-BAA019#002	0173-1#01-AAB955#008	27150301	0173-1#02-BAF016#003	eCI@ss6.2.1	eCI@ss7.0
NEW				0173-1#01-ACF097#005	20440202	0173-1#02-BAA001#004	eCI@ss6.2.1	eCI@ss7.0

SUBSTITUTE

In the context of class 24210204 the property AAA147 that was assigned to the class in 6.2 is substituted by property AAP803 that has a value list.

AAA147

- Preferred name: Type of closure
- Unit: mm
- Definition: specification about the closing type with which an opening in the device or other component can be covered or closed
- Data type: String (translatable), 256
- Value list: None

AAP803

- Preferred name: Type of closure
- Unit: mm
- Definition: specification about the closing type with which an opening in the device or other component can be covered or closed
- Data type: String, 256
- Value list:
 - o AAN023001 buckles
 - o BAC509001 Bur
 - o AAF367001 double frame
 - o AAP375001 dual bolt buckle
 - o BAC433001 Hook
 - o AAN609001 key lock

- o AAN181001 lace
- o WAA090001 Other
- o AAN039001 quick release fastener
- o WPA050001 without
- o AAM601001 zip fastener

REPLACE

Property BAA019 that was assigned to class 27150301 among others is replaced by the identical property BAF016.

BAA019

- Preferred name: Width
- Unit: mm
- Definition: For objects with fixed orientation (preferred position during use) the dimension perpendicular to height and length/depth
- Data type: REAL(measure), 6.3
- Value list: None

BAF016

- Preferred name: Width
- Unit: mm
- Definition: For objects with fixed orientation (preferred position during use) the dimension perpendicular to height and length/depth
- Data type: REAL(measure), 6.3
- Value list: None

3.3 Classification structure

3.3.1 eClass-RUF-CC-6_x_to_7_x_DE.csv (Class table)

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • MOVE: The class was moved in the hierarchy (CodedName changed), only level 4 • SPLIT: The class was split into several other classes and deprecated, only level 4 • JOIN: The class was joined into another class and deprecated, only level 4 • NEW: New element in TargetRelease • VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. • CLOSED: The element from the SourceRelease was removed here in the TargetRelease 	CHAR(20)
2	IrdiCC	Primary key of the class in the SourceRelease; International Registration Data Identifier of the class, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	VersionDate	Publication date of version	CHAR(10)
4	CodedName	eCI@ss class code	CHAR(8)
5	Level	Hierarchichal level in class tree	CHAR(1)
6	PreferredName	Name	CHAR(80)
7	ISOLanguageCode	Language code according to ISO 639-1 / ISO 639-2, e.g. „en“	CHAR(2)
8	ISOCountryCode	Country code according to ISO 3166-1 / ISO 3166-2, e.g. “US”	CHAR(2)
9	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
10	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
11	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

3.3.2 eClass-RUF-KW-SY_6_x_to_7_x_DE.csv (Keyword/Synonym table)

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • NEW: New element in TargetRelease • VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. • CLOSED: The element from the SourceRelease was removed here in the TargetRelease 	CHAR(20)
2	IrdiKWSY	Primary key of the keyword/synonym in the SourceRelease; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)

3	IrdiKWSY	Primary key of the target element (KW to CC, SY to PR); International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(10)
4	KeywordValue/Synonym Value	Name of the keyword/synonym	CHAR(80)
5	ISOLanguageCode	Language code according to ISO 639-1 / ISO 639-2, e.g. „en“	CHAR(2)
6	ISOCountryCode	Country code according to ISO 3166-1 / ISO 3166-2, e.g. “US”	CHAR(2)
7	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
8	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
9	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

3.3.3 eClass-RUF-PR_6_x_to_7_x_EN.csv

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> NEW: New element in TargetRelease VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. CLOSED: The element from the SourceRelease was removed here in the TargetRelease REPLACE: The element was replaced by another identical element (a compatible replacement according to ISO Change Management) SUBSTITUTE: The element was substituted by another similar element (an incompatible substitution according to ISO Change Management) 	CHAR(20)
2	IrdiPR	Primary key of the property in the SourceRelease; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	VersionDate	Publication date of version	CHAR(10)
4	PreferredName	Name	CHAR(80)
5	DataType	Data type of the property (STRING STRING_TRANSLATABLE REAL_MEASURE REAL_COUNT REAL_CURRENCY INTEGER_MEASURE INTEGER_COUNT INTEGER_CURRENCY BOOLEAN URL RATIONAL RATIONAL_MEASURE TIME TIMESTAMP DATE), see 3.3.8	
6	ISOLanguageCode	Language code according to ISO 639-1 / ISO 639-2, e.g. „en“	CHAR(2)
7	ISOCountryCode	Country code according to ISO 3166-1 / ISO 3166-2, e.g. “US”	CHAR(2)
8	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
9	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
10	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

Note 1 on data types:

eCI@ss has introduced with release 7.0 many new data types that might not be interpretable by every system. In this case, eCI@ss recommends to distinguish between at least BOOLEAN, REAL, INTEGER (including count, measure and currency) and STRING properties. eCI@ss sees STRING as a suitable substitute for all other data types that are not interpretable by a system (STRING_TRANSLATABLE, URL, DATE, TIME, TIMESTAMP etc.). With eCI@ss release 7.0 the indication of digits before/after comma (REAL/INTEGER) and the number of characters (STRING) are no longer mandatory.

3.3.4 eClass-RUF-VA_6_x_to_7_x_EN.csv (Value table)

No	Attribute name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> NEW: New element in TargetRelease VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. CLOSED: The element from the SourceRelease was removed here in the TargetRelease 	CHAR(20)
2	IrdiVA	Primary key of the value in the SourceRelease; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	VersionDate	Publication date of version	CHAR(10)

4	Value	The actual value, the name	CHAR(80)
5	Data Type	Data type of the value (STRING STRING_TRANSLATABLE REAL_MEASURE REAL_COUNT REAL_CURRENCY INTEGER_MEASURE INTEGER_COUNT INTEGER_CURRENCY BOOLEAN URL RATIONAL RATIONAL_MEASURE TIME TIMESTAMP DATE), see 3.3.8	
6	ISOLanguageCode	Language code according to ISO 639-1 / ISO 639-2, e.g. „en“	CHAR(2)
7	ISOCountryCode	Country code according to ISO 3166-1 / ISO 3166-2, e.g. “US”	CHAR(2)
8	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
9	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
10	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

3.3.5 eClass-RUF-CC_PR_6_x_to_7_x.csv (Relations eClass-RUF-CC-6_x_to_7_x / eClass-RUF-PR-6_x_to_7_x)

No.	Attribute Name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • NEW: New element in TargetRelease • VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. • CLOSED The element of SourceRelease was removed 	CHAR(20)
2	IrdiCC	Primary key of the target class; International Registration Data Identifier of the class, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	IrdiPR	Primary key of the assigned property; International Registration Data Identifier of the property, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
4	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
5	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
6	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

3.3.6 eClass-RUF-PR_VA_6_x_to_7_x.csv (Relations eClass-RUF-PR_6_x_to_7_x / eClass-RUF-VA_6_x_to_7_x)

No.	Attribute Name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • NEW: New element in TargetRelease • VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. • CLOSED The element of SourceRelease was removed 	CHAR(20)
2	IrdiPR	Primary key of the target property; International Registration Data Identifier of the class, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	IrdiVA	Primary key of the assigned value; International Registration Data Identifier of the property, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
4	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
5	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
6	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

Note 1:

Prior to 7.0 eCI@ss interpreted its value lists as open, i.e. as suggestions that were never intended to be exhaustive. As the ISO defines value lists as restrictive and exclusive eCI@ss had to change its structure to be ISO-compliant. Therefore eCI@ss distinguishes now between value lists (ISO view) and proposal lists (proposed "open" lists that are not exhaustive). Therefore, most values that were noted until 6.2 are now marked as CLOSED as they are to be interpreted as restrictive. Correspondingly, all relations between properties and values in the context of a class listed in the value proposal file (eClass7_0_PR_VA_suggested_en_02.csv) are new, i.e. all relations listed in that file are interpreted as NEW and not published here again.

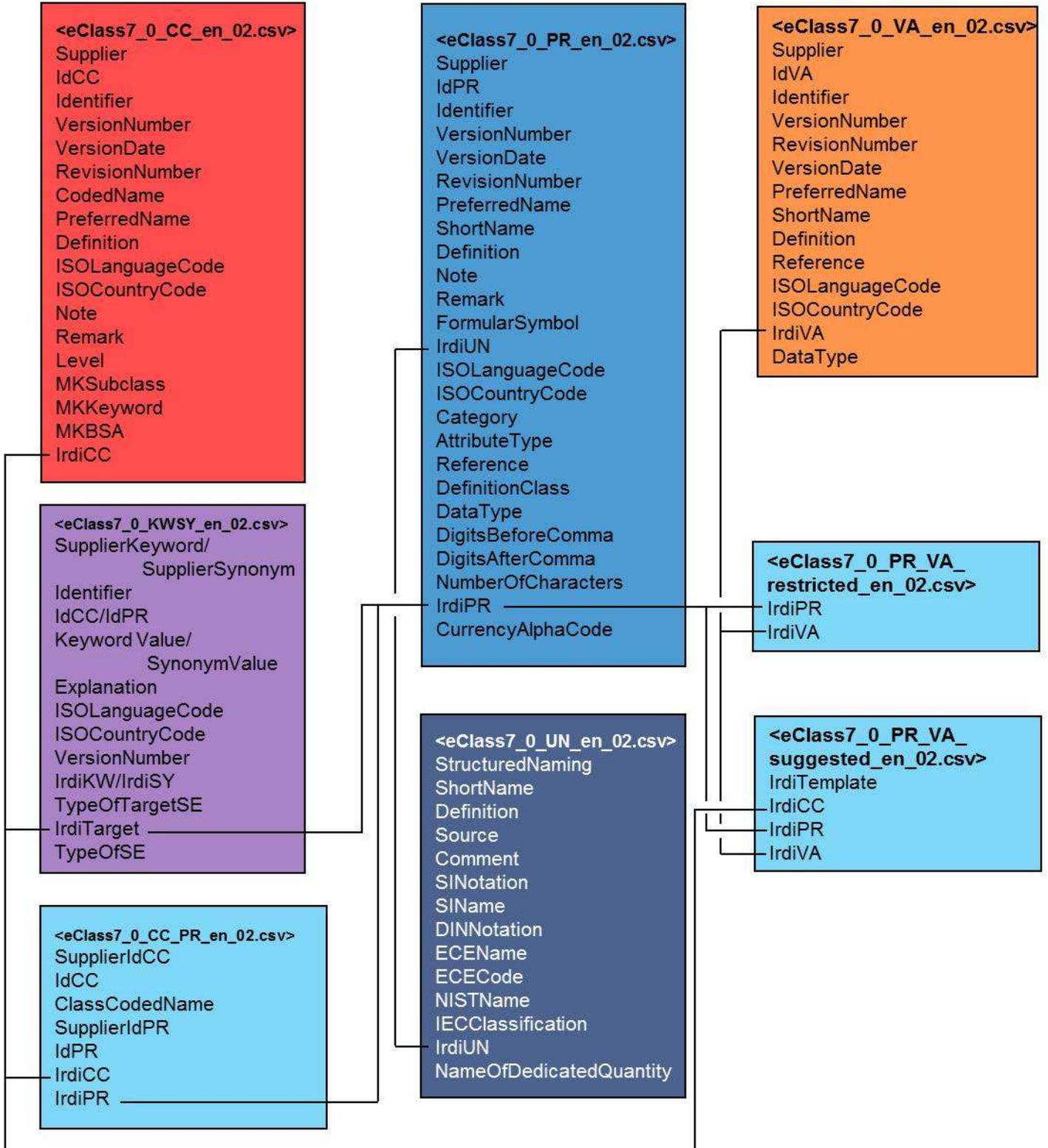
3.3.7 eClass-RUF-UN-6_x_to_7_x_en_US.csv (Unit table)

No	Attribute Name	Description	Length
1	Command	Specifies the type of change that occurred in the TargetRelease: <ul style="list-style-type: none"> • NEW: New element in TargetRelease • VERSION NUMBER: The element was changed without changing the concept (e.g. textual correction). Identifier (CHAR6) and coded name do not change. • CLOSED: The element from the SourceRelease was removed here in the TargetRelease 	CHAR(20)
2	IrdiUN	Primary key of the eCI@ss unit; International Registration Data Identifier, globally unique eCI@ss Identifier (Supplier+TypeOfSE+Identifier+VersionNumber)	CHAR(20)
3	StructuredNaming	Structured Naming of the unit, e.g. "volt litre ⁻¹ minute ⁻¹ "	CHAR(1000)
4	ShortName	Short name	CHAR(1000)
5	NameOfDedicatedQuantity	Name of the superordinate quantity according to DIN	CHAR(1000)
6	Deprecated	Specifies if the element is deprecated in the TargetRelease. Allowed values: {TRUE FALSE}, true = element was deprecated and is no longer part of the TargetRelease	BOOLEAN
7	SourceRelease	e.g. eCI@ss 6.2.1	CHAR(13)
8	TargetRelease	e.g. eCI@ss 7.0	CHAR(13)

3.3.8 Description of the data types

No.	Data Type	Definition	Examples
1	BOOLEAN	Allowed values: (YES NO)	YES
2	TIME	Format hh:mm according ISO 8601:2004	12:45
3	TIMESTAMP	Format yyyy-mm-dd hh:mm according ISO 8601:2004	1979-01-15 12:45
4	DATE	Format yyyy-mm-dd according ISO 8601:2004	1979-01-15
5	URL	According to ISO 13584-24:2003	http://www.eclass-serviceportal.com
6	RATIONAL	to represent rational numbers like 1/3 and -11/17 without rounding (http://en.wikipedia.org/wiki/Rational_data_type)	1/3, 1 2/3
7	RATIONAL_MEASURE	to represent rational numbers like 1/3 and -11/17 without rounding (http://en.wikipedia.org/wiki/Rational_data_type). Used for measuring in a specific unit of measure.	1/3, 1 2/3
8	INTEGER_COUNT	data type which represents some finite subset of the mathematical integers. These are also known as integral data types. Used only for counting. (http://en.wikipedia.org/wiki/Integer_(computer_science)).	1 ; 10 ; 111
9	INTEGER_MEASURE	data type which represents some finite subset of the mathematical integers. These are also known as integral data types. Used for measuring in a specific unit of measure. (http://en.wikipedia.org/wiki/Integer_(computer_science)).	1 ; 10 ; 111
10	INTEGER_CURRENCY	data type which represents some finite subset of the mathematical integers. These are also known as integral data types. Used for measuring in a specific currency. (http://en.wikipedia.org/wiki/Integer_(computer_science)).	1 ; 10 ; 111
11	REAL_COUNT	a rational number expressed in decimal representation (http://en.wikipedia.org/wiki/Real_number). Used only for counting.	1,5 ; 102,35
12	REAL_MEASURE	a rational number expressed in decimal representation (http://en.wikipedia.org/wiki/Real_number). Used for measuring in a specific unit of measure.	1,5 ; 102,35
13	REAL_CURRENCY	a rational number expressed in decimal representation (http://en.wikipedia.org/wiki/Real_number). Used for measuring in a specific currency.	1,5 ; 102,35
14	STRING	A finite sequence of symbols that are chosen from a set or alphabet [...] a sequence of characters (http://en.wikipedia.org/wiki/String_(computer_science)). Cannot be translated into other languages.	0173-1#01-ADG629#001 ; DN 700 ; 10 Mbps
15	STRING_TRANSLATABLE	A finite sequence of symbols that are chosen from a set or alphabet [...] a sequence of characters (http://en.wikipedia.org/wiki/String_(computer_science)). Can be translated into other languages.	Red ; Green ; Aluminum

3.4 Structure & Relations



4. Liability / Compensation / Indemnity

The mapping tables used were produced by eCI@ss with the greatest accuracy using automated systems. Claims for damages and reimbursement (hereafter: "compensation claims") raised against eCI@ss e.V. for whatever legal grounds, especially because of infringement of duties of legal obligations and tort actions, are excluded.

This does not apply to claims in accordance with the product liability law, in cases of intent and gross negligence, for damages because of bodily injury, sickness or disease, or death, and the infringement of fundamental contractual obligations. The claim for compensation for the infringement of fundamental contractual obligations is however restricted to foreseeable damages typical of this type of contract, except in the event of intent or gross negligence or damages being sought for bodily injury, sickness or disease, or death.

Where the license holder has the right to claim for compensation, such claims must be made within a one year period of acquisition (download) of the eCI@ss mapping table. This does not apply to compensation claims in accordance with the product liability law.

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