BANQUE CENTRALE DU LUXEMBOURG
EUROSYSTÈME

In case of discrepancies between the French and the English text, the French text shall prevail

Manual of electronic transmission for report S 1.8 «Information on securitisation transactions launched by credit institutions»

Banque centrale du Luxembourg

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1 Introduction

This manual details the technical characteristics that must be observed for the electronic transmission of report S 1.8 «Information on securitisation transactions launched by credits institutions».

The instructions relating to the data collection are described in the documents Instructions and Report for report S 1.8 «Information on securitisation transactions launched by credits institutions».

The objective of this manual is to describe the general principles of the reporting in XML format for report S 1.8 «Information on securitisation transactions launched by credits institutions».

The XML scheme and a technical documentation are available for downloading on the BCL's website. It is important to know that the design of the XML reporting is based on a tree structured menu.

The data to be reported must satisfy the general checks of the format or the belonging to a code list. The possibilities of the code also depend on the level of the data in the tree structured menu.

The scheme contains format constraints for the data, but it does not necessarily specify the validity of a code that respects the format. The nomenclature as well as the verification rules defined in this manual must be respected.

2 Transmission

2.1 Attribution of the file name

The file name structure is the following:

S0108_aaaamm_Rrrrrrrrr_Ddddddddd_aaaammdd_nnn

Where:

- S0108 represents the code of the statistical report S 1.8
- aaaamm represents the year and the month the data refers to
- R identifies the type of the reporter
  The reporter is the entity that submits the data. Banks must use the letter B.
- rrrrrrrrr allows the identification of the reporter
  The identification numbers are allocated by the CSSF and/or the BCL. The digits on the left are equal to "0".
  Example: bank 999 is identified by 000000999.
- D identifies the type of *declarant*
  The declarant is the entity whose data are reported. Banks must use the letter B.
- ddddddddd allows the identification of the *declarant*
- The identification numbers are allocated by the CSSF and/or the BCL. The digits on the left are equal to "0".
- Example: bank 999 is identified by 000000999.
- aaaammdd is the creation date of the file
- nnn is the sequential number of the file
  The sequential number of the file allows to separately identify files that are created on the same day for the same report. It should be noted that a new sequence must be started each day and that the sequential number starts at 001; thus 000 must not be used.

Example 1:

S0108_200912_B000000999_B000000999_20100115_001.xml corresponds to the first file created on 15 January 2010, submitted by bank number 999 and the data refers to bank number 999 for the period December 2009.

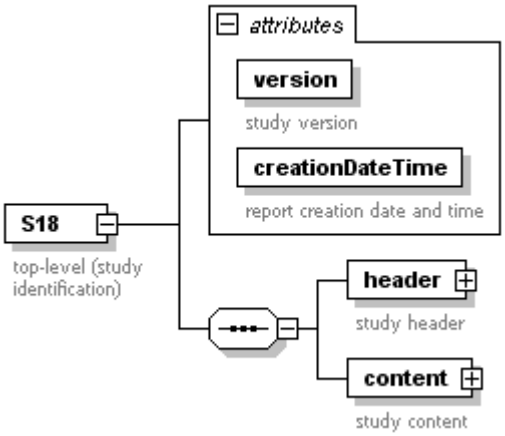
2.2 Means of transmission

The BCL accepts the use of the current electronic transmission channels offered by Cetrel and Finesti. However, the BCL is also willing to accept a new secure transmission channel that is accepted by both, the BCL and the reporting agents.

3 Visualisation of the XML scheme for report S 1.8

The whole scheme may be downloaded from the BCL's website (www.bcl.lu).

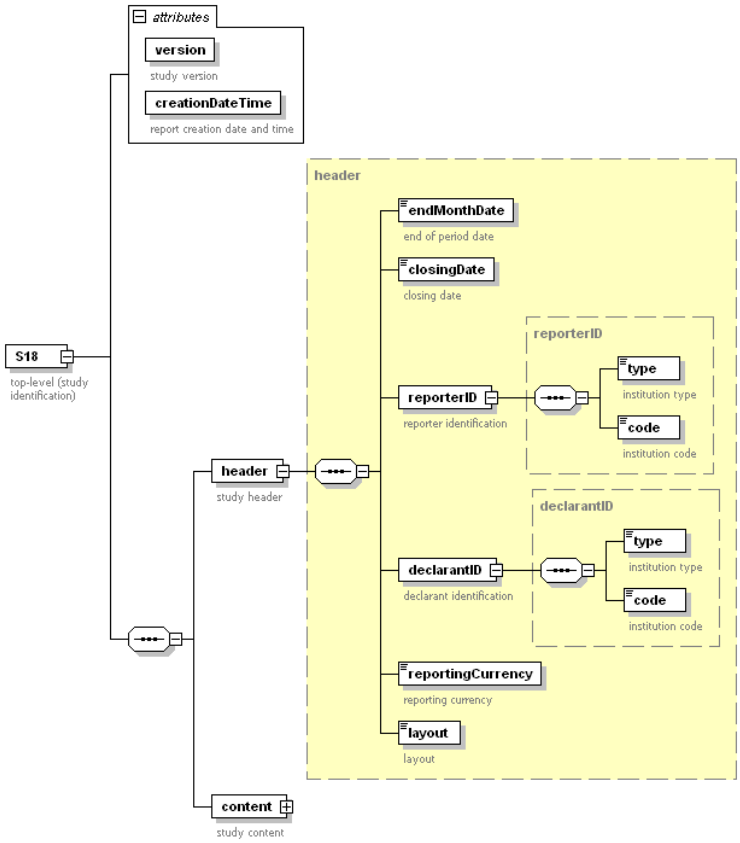
3.1 The attributes



The attribute (*version*) identifies the version of the XML scheme used for the reporting.

The attribute (*creationDateTime*) identifies the creation date and the time of the report.

3.2 The branch Header



The date of the end of the reference month (*endMonthDate*) corresponds to the last day of the month the data relates to.

The closing date (*closingDate*) corresponds to the calculation date of establishment of the data.

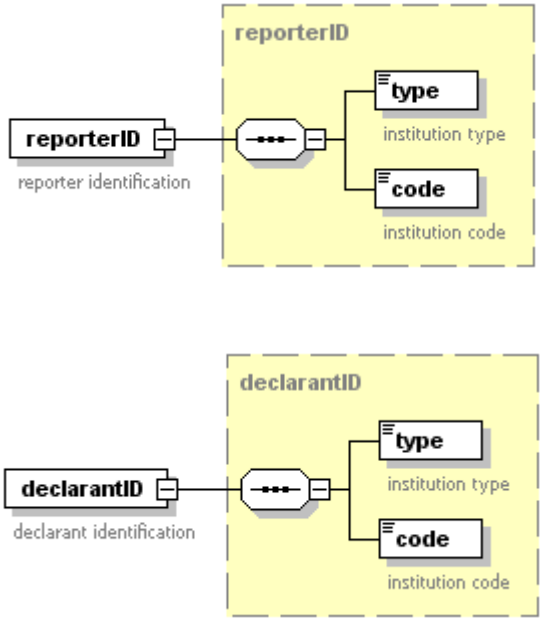
Example:

For instance, for report S 1.8 «Information on securitisation transactions launched by October 2010:

- the end of Month date is 31.10.2010
- the closure date is for instance 29.10.2010

Indeed, since 31 October 2010 is a Sunday, the data are normally established on the last working day before 31 October 2010.

The identification of the reporter (*reporterID*) and of the *declarant* (*declarantID*) include each the type of the identification number (*type*) and the identification number (*code*).



The association of number types and authorised values are:

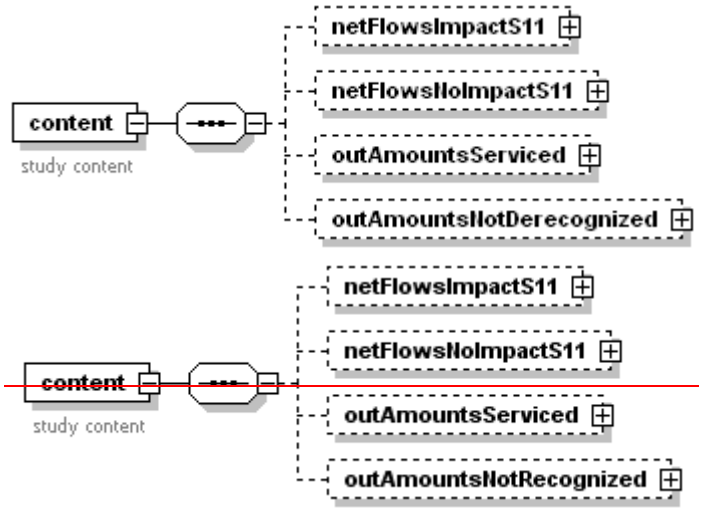
Type	Code
23	Identification number allocated by the CSSF to banks

The currency of the reporting (*reportingCurrency*) must be the accounting currency - i.e. the currency of the capital - of the securitisation vehicle.

The layout (*layout*) indicates the version number of report S 1.8. The report S 1.8 that enters into force in December 2009 will be the first version of this report which means that it will be layout «0».

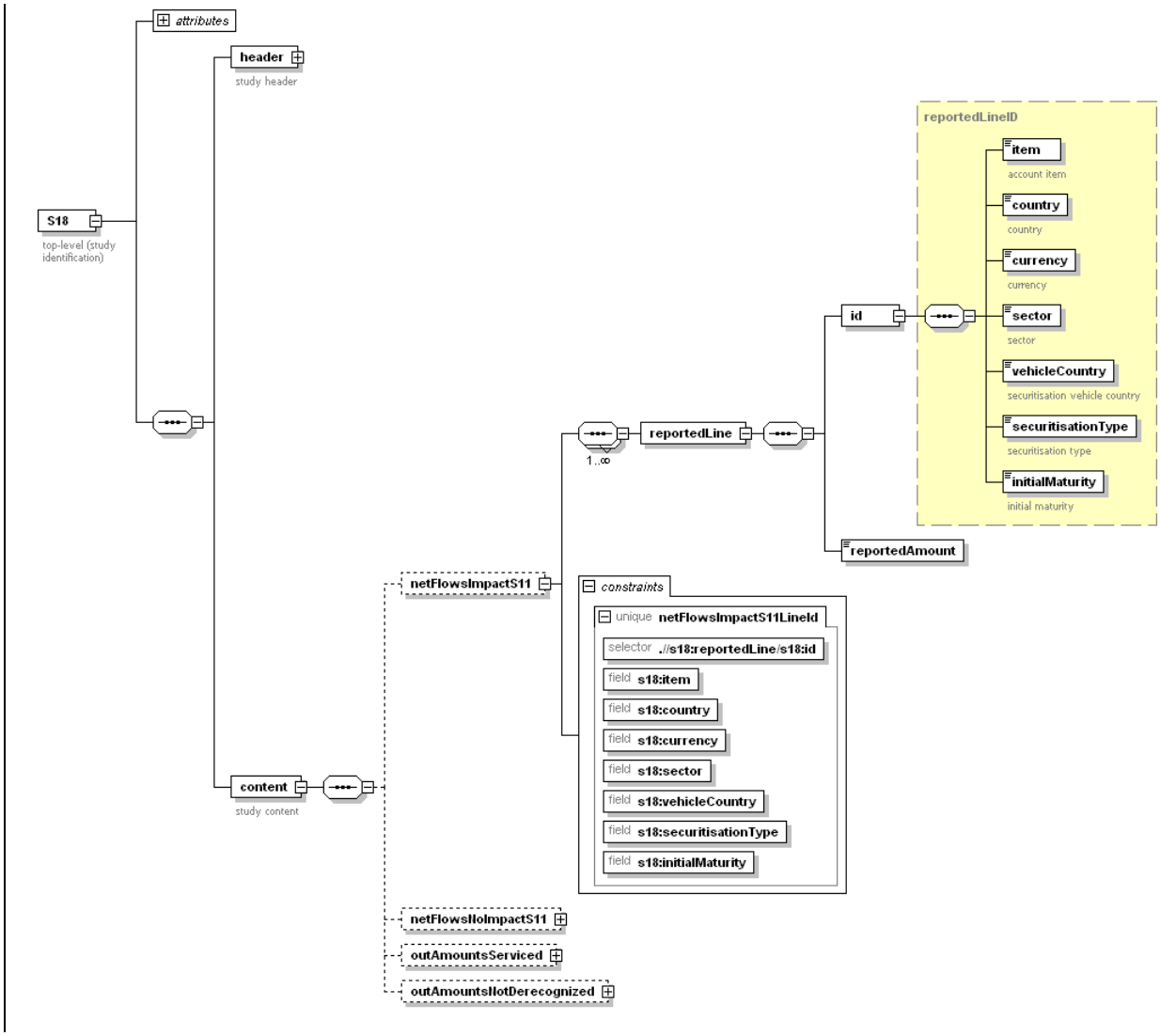
3.3 The content

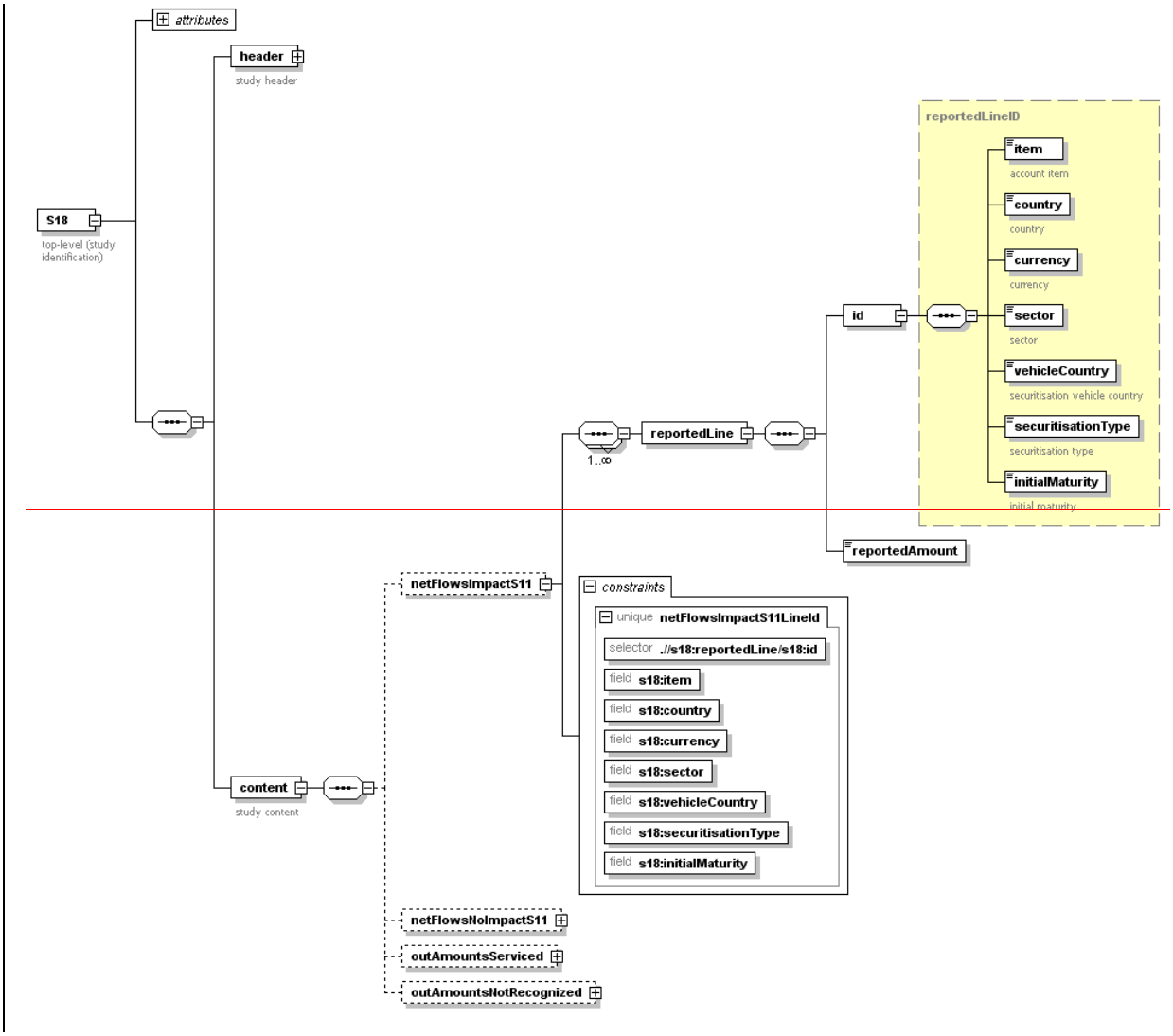
Report S 1.8 «Information on securitisation transactions launched by credits institutions» contains 4 branches.



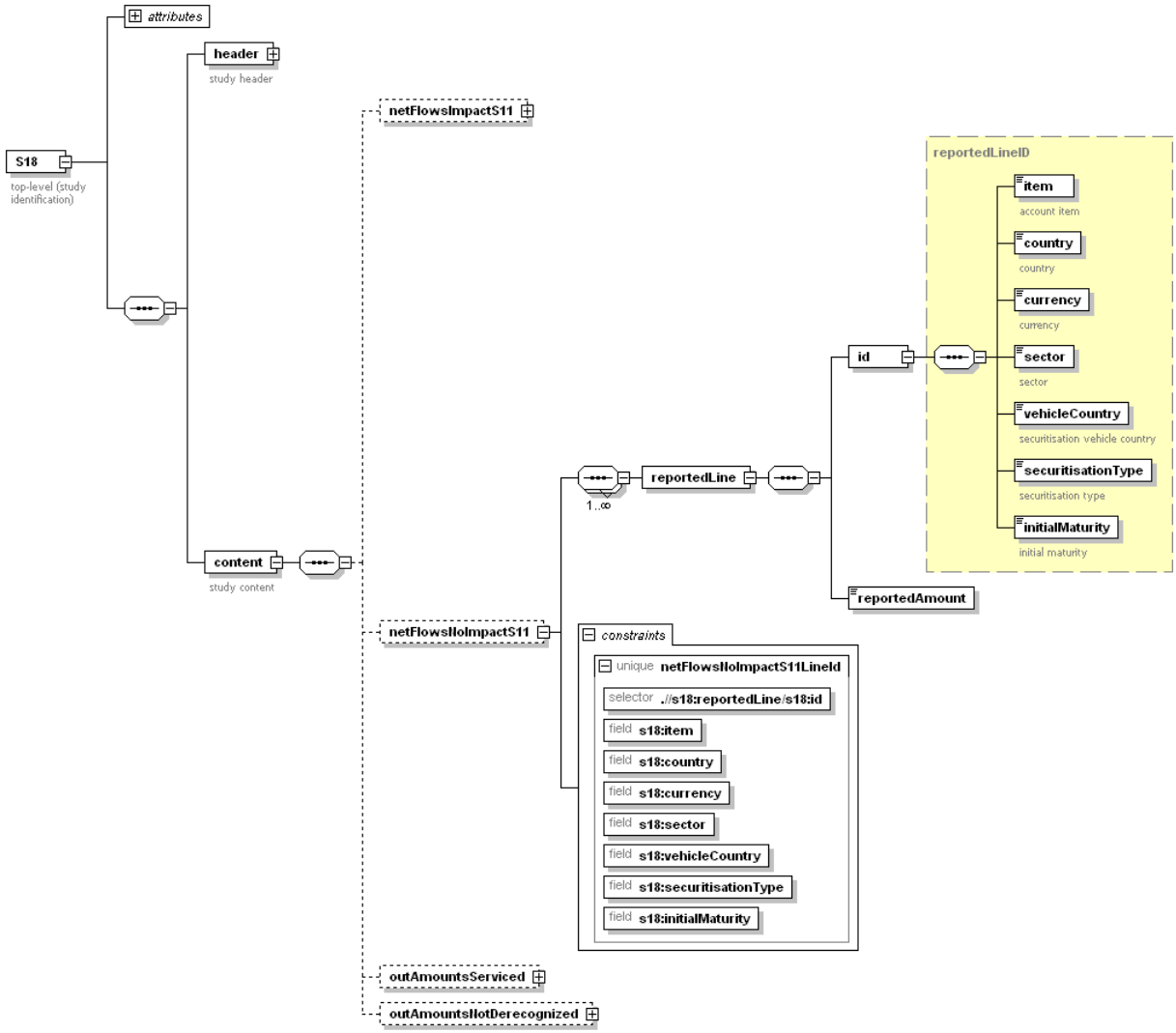
The content of each branch is shown hereafter. It should be mentioned that all 4 branches have the same structure.

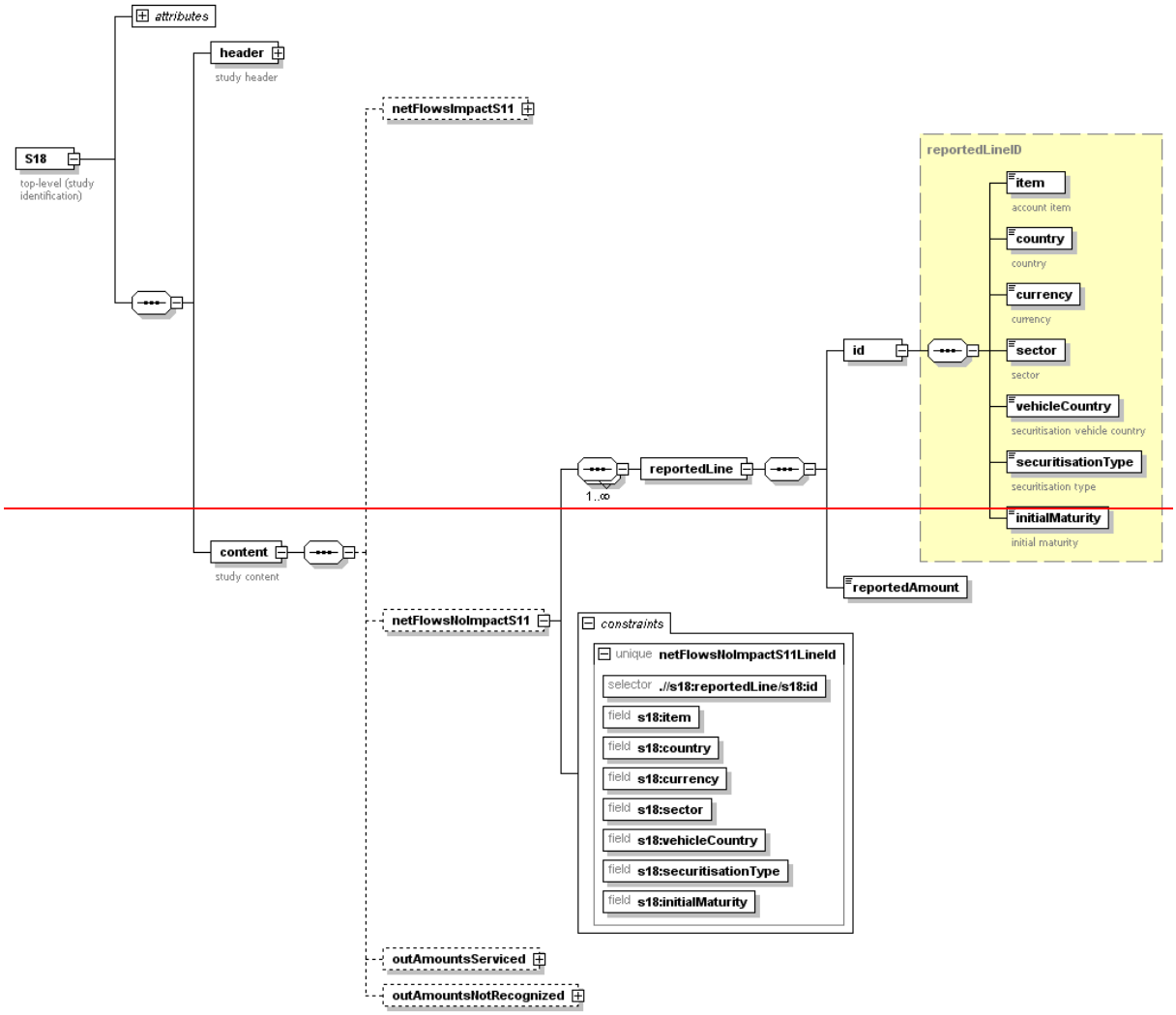
3.3.1 Net flows of loans securitised or otherwise transferred: transactions with impact on reported loan stocks calculated as disposals minus acquisitions (*netFlowsImpactS11*)



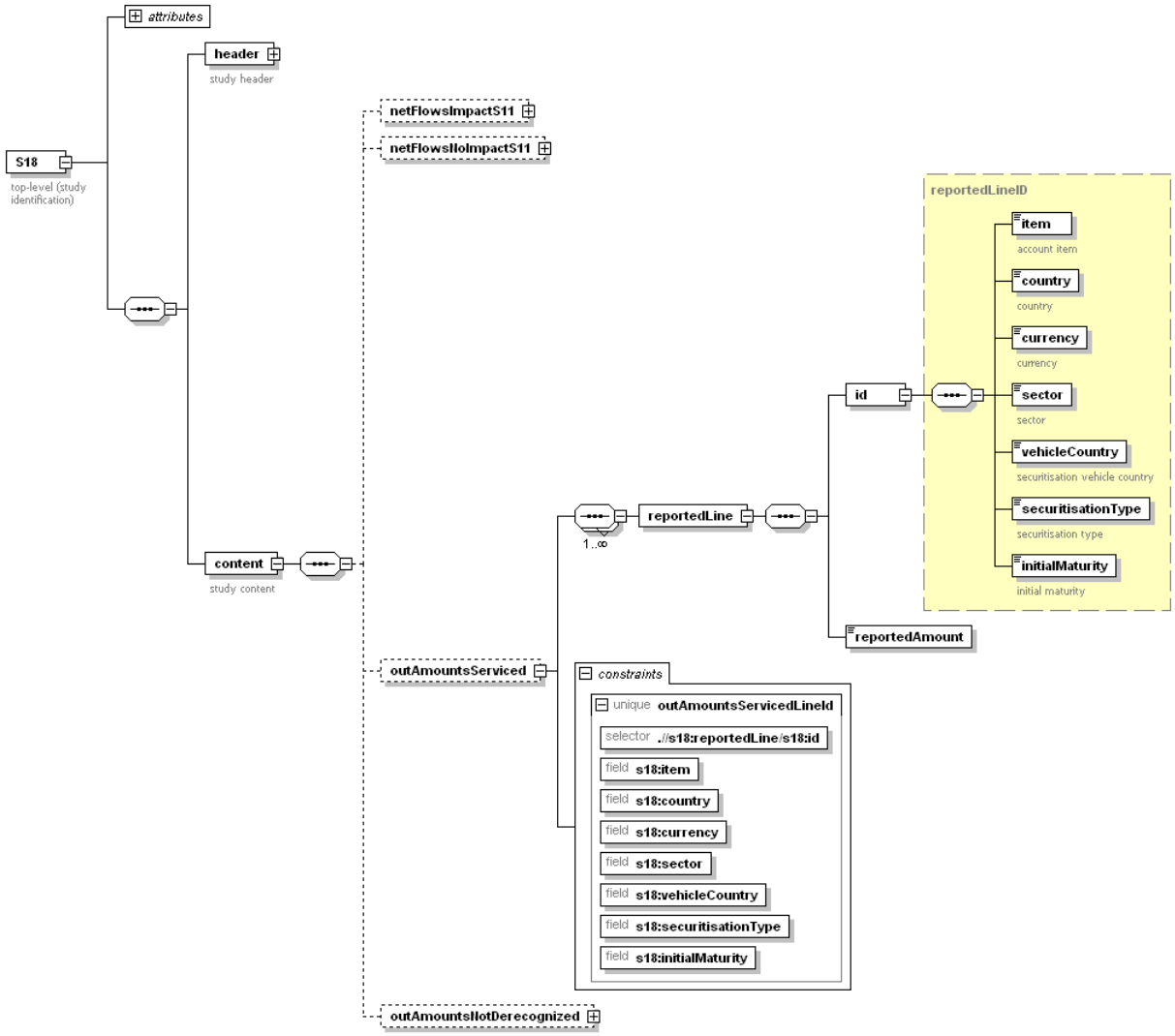

attributes
header
study header
S18
top-level (study identification)
reportedLineID
item
account item
country
country
currency
currency
sector
sector
vehicleCountry
securitisation vehicle country
securitisationType
securitisation type
initialMaturity
initial maturity
id
reportedLine
1..∞
reportedAmount
netFlowsImpactS11
constraints
unique netFlowsImpactS11LineId
selector .//s18:reportedLine/s18:id
field s18:item
field s18:country
field s18:currency
field s18:sector
field s18:vehicleCountry
field s18:securitisationType
field s18:initialMaturity
content
study content
netFlowsNoImpactS11
outAmountsServiced
outAmountsNotRecognized

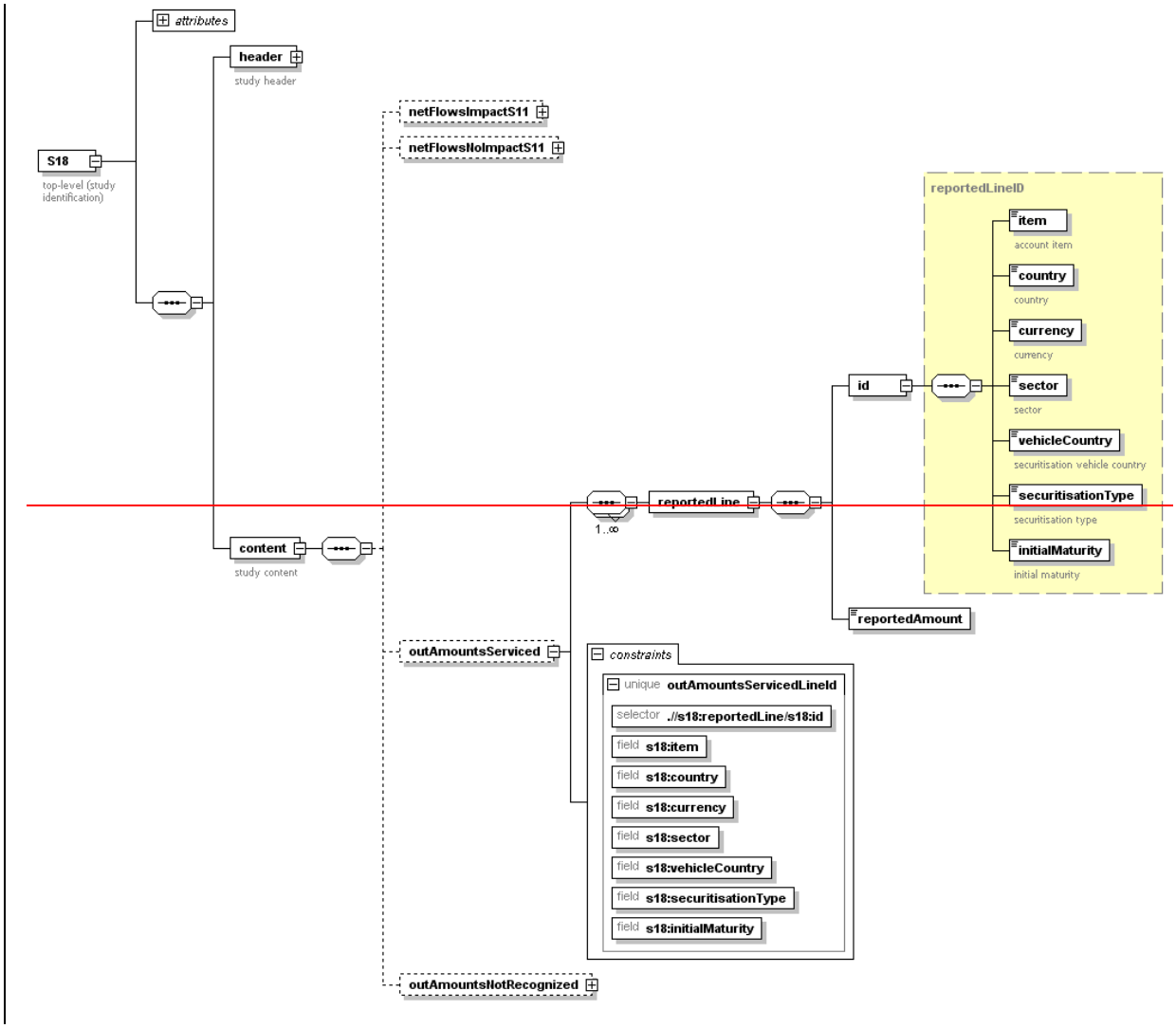
3.3.2 Net flows of loans securitised or otherwise transferred: transactions without impact on reported loan stocks calculated as disposals minus acquisitions (*netFlowsNoImpactS11*)



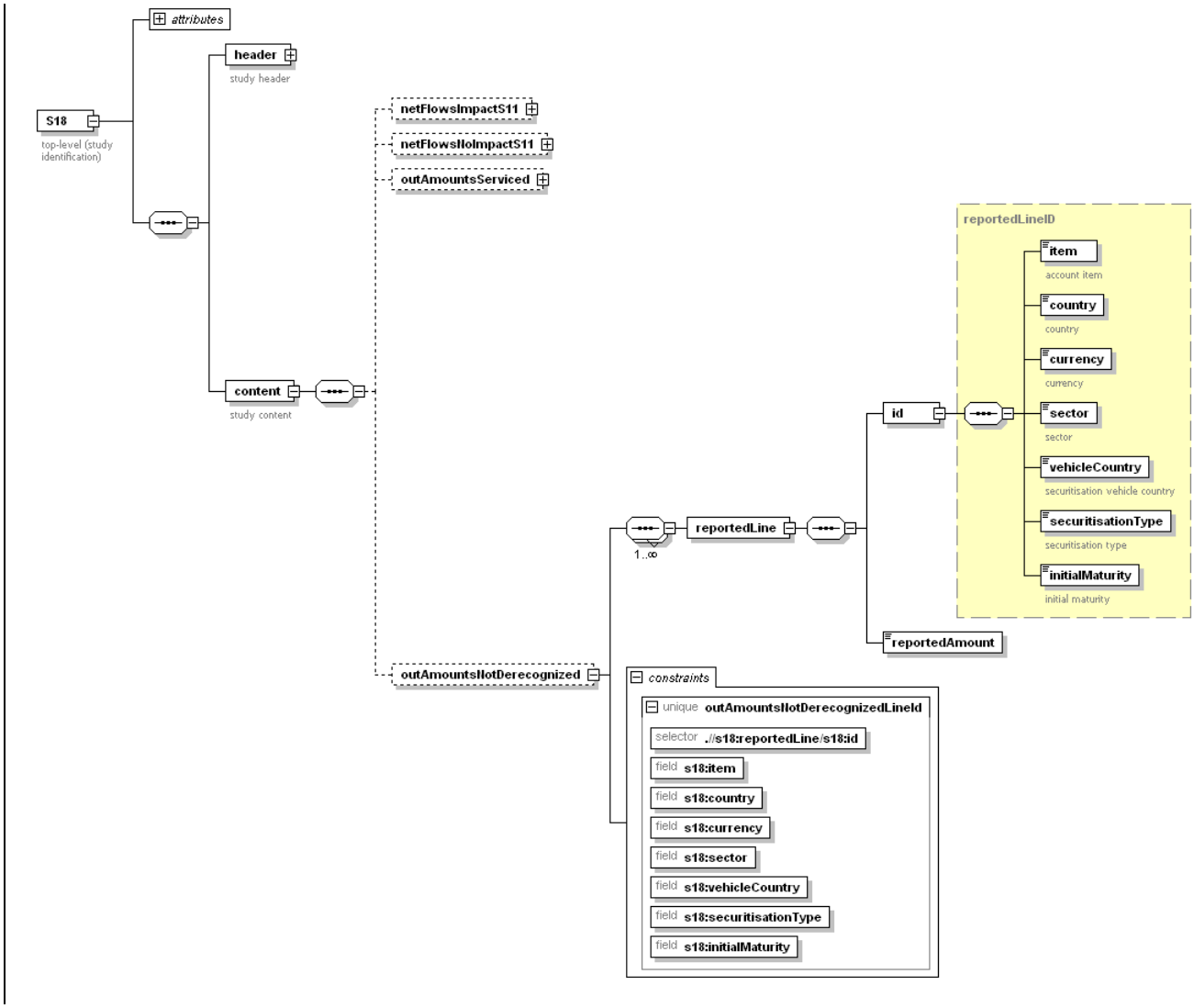

attributes
header
study header
S18
top-level (study identification)
netFlowsImpactS11
reportedLineID
item
account item
country
country
currency
currency
sector
sector
vehicleCountry
securitisation vehicle country
securitisationType
securitisation type
initialMaturity
initial maturity
id
reportedLine
1..∞
reportedAmount
content
study content
netFlowsNoImpactS11
constraints
unique netFlowsNoImpactS11LineId
selector .//s18:reportedLine/s18:id
field s18:item
field s18:country
field s18:currency
field s18:sector
field s18:vehicleCountry
field s18:securitisationType
field s18:initialMaturity
outAmountsServiced
outAmountsNotRecognized

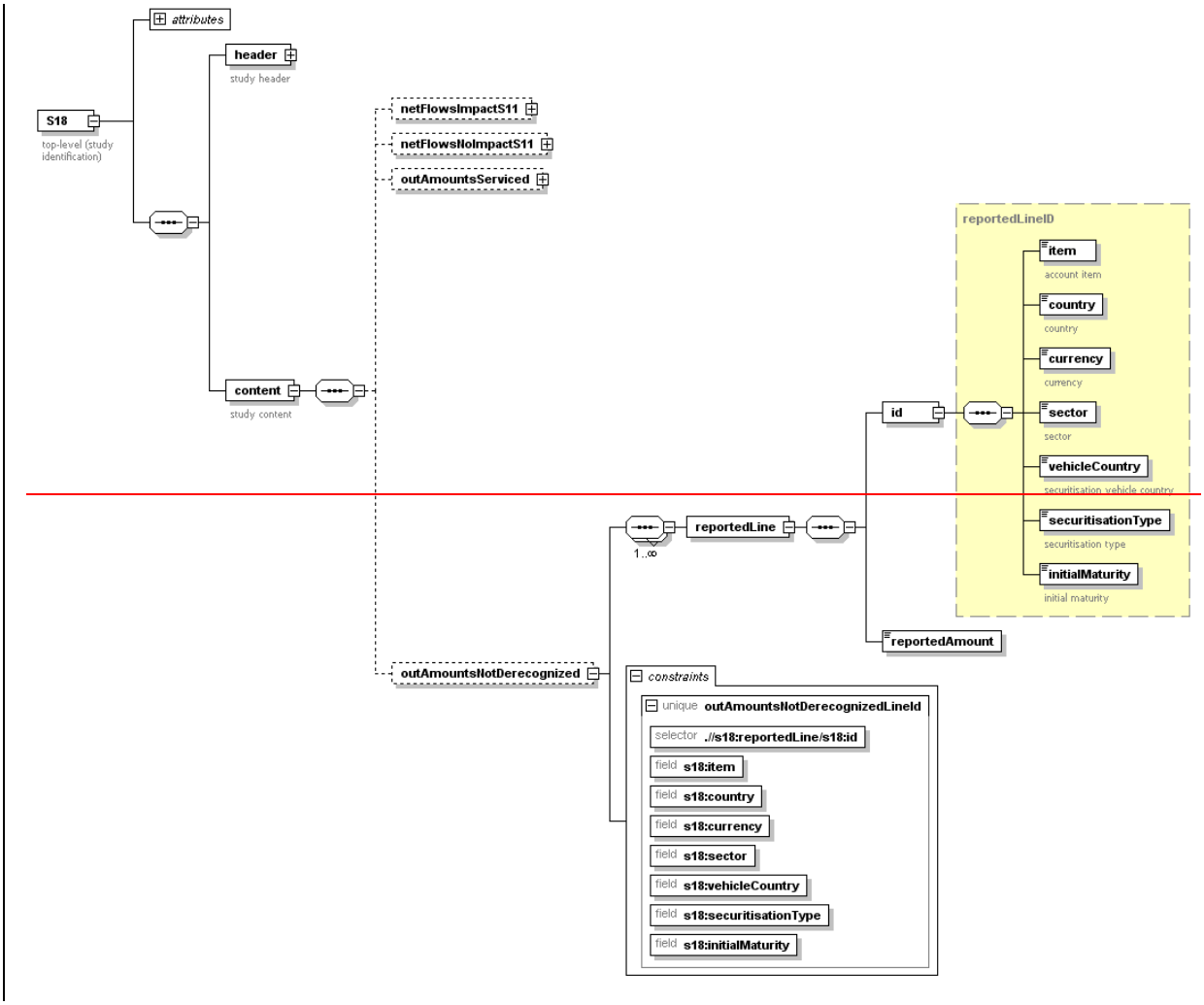
3.3.3 Outstanding amounts of loans serviced in a securitisation by the reporting credit institution (*outAmountsServiced*)




attributes
header
study header
S18
top-level (study identification)
netFlowsImpactS11
netFlowsNoImpactS11
reportedLineID
item
account item
country
country
currency
currency
sector
sector
vehicleCountry
securitisation vehicle country
securitisationType
securitisation type
initialMaturity
initial maturity
id
reportedLine
1..∞
content
study content
reportedAmount
outAmountsServiced
constraints
unique outAmountsServicedLineId
selector .//s18:reportedLine/s18:id
field s18:item
field s18:country
field s18:currency
field s18:sector
field s18:vehicleCountry
field s18:securitisationType
field s18:initialMaturity
outAmountsNotRecognized

3.3.4 Outstanding amounts of not derecognised securitised loans (*outAmountsNotDerecognized*)




attributes
header
study header
S18
top-level (study identification)
netFlowsImpactS11
netFlowsNoImpactS11
outAmountsServiced
content
study content
reportedLineID
item
account item
country
country
currency
currency
sector
sector
vehicleCountry
securitisation vehicle country
securitisationType
securitisation type
initialMaturity
initial maturity
id
reportedLine
1..∞
reportedAmount
outAmountsNotDerecognized
constraints
unique outAmountsNotDerecognizedLineId
selector .//s18:reportedLine/s18:id
field s18:item
field s18:country
field s18:currency
field s18:sector
field s18:vehicleCountry
field s18:securitisationType
field s18:initialMaturity

The balance sheet line (*reportedLine*) is identified by:

- the item (*item*)
- the country (*country*)
- the currency (*currency*)
- the sector (*sector*)
- the country of the securitisation vehicle (*vehicleCountry*)
- the type of securitisation (*securitisationType*)
- the initial maturity (*initialMaturity*).

Identification of the balance sheet line:

- the country must be coded following ISO 3166, completed by the geographical codes defined by the BCL
- the country must be coded following ISO 4217, completed by the geographical codes defined by the BCL
- the sector code follows a nomenclature defined by the BCL
- the country of the securitisation vehicle must be coded following ISO 3166, completed by the geographical codes defined by the BCL
- the type of securitisation follows a nomenclature defined by the BCL
- the initial maturity code follows a nomenclature defined by the BCL

In the XML scheme, the fact that one is located in a specific branch restricts the choice of the type of securitisation (*securitisationType*).
The value taken by the type of securitisation (*securitisationType*) must be:

- «AISB» for Net flows of loans securitised or otherwise transferred: transactions with impact on reported loan stocks calculated as disposals minus acquisitions (*netFlowsImpactS11*)
- «SISB» for net flows of loans securitised or otherwise transferred: transactions without impact on reported loan stocks calculated as disposals minus acquisitions (*netFlowsNoImpactS11*)
- «CTAR» for outstanding amounts of loans serviced in a securitisation by the reporting credit institution (*outAmountsServiced*)

- «CTND» for outstanding amounts of not derecognised securitised loans (*outAmountsNotDerecognized*)

Reporting agents must refer to the reporting instructions of report S 1.8 «Information on securitisation transactions launched by credits institutions» in order to report only the accounting items as well as the country, currency, sector and initial maturity codes that are requested by the reporting instructions of report S 1.8 «Information on securitisation transactions launched by credits institutions».

The amount reported (*reportedAmount*) corresponds to the amount reported in the balance sheet under the same line identifier. It is expressed in the currency of the balance sheet (*reportingCurrency*).

4 Format of variables in the XML file

Variables	format xml	Maximum	Pattern	Example
creationDateTime	datetime		*YYYY-MM-DDThh:mm:ss*	2010-10-29T23:59:59
endMonthDate	date		*YYYY-MM-DD*	2010-10-31
closingDate	date		*YYYY-MM-DD*	2010-10-29
reporterID/type	string	2 characters	[0-9]{2}	23
reporterID/code	string			999
declarantID/type	string	2 characters	[0-9]{2}	23
declarantID/code	string			999
reportingCurrency	string	3 characters	[A-Z]{3}	EUR
item	string	5 characters	[1-3]-[0-9A-Z]{3}	1-020
country	string	2 characters	[A-Z]{2} or X[AZ0-9]	LU or X4
currency	string	3 characters	[A-Z]{3} or XX[A-Z0-9]	EUR or XX2
sector	string	5 characters	[0-9]{5}	00000
vehicleCountry	string	2 characters	[A-Z]{2} ou X[AZ0-9]	LU ou X4
securitisationType	string	4 characters	[A-Z]{4}	AISB

Variables	format xml	Maximum	Pattern	Example
initialMaturity	string	3 characters	[A-Z]{3}	BRB
reportedAmount	decimal	5 decimal		562485.256

- The *datetime* format is used to specify a date and a time: YYYY-MM-DDThh:mm:ss
  where:
  YYYY indicates the year, MM indicates the month, DD indicates the day
  T indicates the start of the required time section
  hh indicates the hour, mm indicates the minute, ss indicates the second

- The *date* format is used to specify a date: YYYY-MM-DD
  where:
  YYYY indicates the year, MM indicates the month, DD indicates the day

Detailed information on xml standard is available on the web site under the following address: http://www.w3schools.com/