

Usage of the Pointer Mechanism

Pointer mechanism

- Response messages
 - Error
 - Amendment
- The eTIR data model features a mechanism using a class called Pointer
- The Pointer class is used to identify a specific attribute in the data model
- The Pointer is always used in combination with, for example, an Error or Amendment code

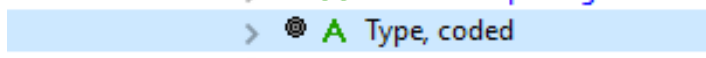
Pointer mechanism

E9-Advanced Cargo Information

Error in the "Package type description code"

- ▼ C Declaration
- ▼ C Subclass of "Message"
- > ● A Message function, coded
- > ● A Functional reference
- > ● A Message reference number
- > ● A Issuing date
- > ● A Type, coded
- > ● A Version
- > ● A Total gross weight
- > ● C AdditionalInformation
- > ● C Agent
- > ● C Amendment
- > ● C SubContractor
- ▼ ● C Consignment 0..*
- > ● A Sequence number
- > ● C AttachedDocuments
- ▼ ● C ConsignmentItem 0..*
- > ● A Sequence number
- > ● C AdditionalInformation
- > ● C Goods
- > ● C Consignee
- > ● C Consignor
- > ● C DeliveryDestination
- > ● C GoodsMeasure
- ▼ ● C Packaging 1..1
- > ● A Marks and numbers
- > ● A Number of packages
- > ● A Type, coded

Code does not exist in code list



Pointer mechanism

Declaration

→ Consignment[sequence = 1]

[...]

→ **Consignment**[sequence = 2]

→ ConsignmentItem [sequence = 1]

[...]

→ ConsignmentItem [sequence = 2]

[...]

→ **ConsignmentItem** [sequence = 3]

→ Packaging

→ Marks and numbers

→ Number of packages

→ **Packages type description code**

Pointer mechanism

- ▼ ● C Error
 - > ● ✗ description
 - > ● A Error, coded
 - ▼ ● C Pointer
 - > ● A Sequence number
 - > ● A Document/message section, coded
 - > ● A Tag identifier
 - > ● ✗ Location

By using XPath.

Class names

Error		
	Error code	12 (Incorrect (code) value)
	Pointer	
	Location	Declaration / Consignment [2] / ConsignmentItem [3] / Packaging / Type

WCO Id

Error		
	Error code	12 (Incorrect (code) value)
	Pointer	
	Location	42A / 28A [2] / 29A [3] / 93A / 141

Pointer mechanism



Thank you!

Any questions?