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**e-TrustEx – Validation Query Request Specification**

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# Use Case description

This Use Case is included in UC1\_2\_1 Synchronous Service Use Case Specification.

# References

|  |  |
| --- | --- |
| Document | Location |
| UC1\_2\_1 Synchronous Service Use Case Specification | [https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001 e-TrustEx/002 Requirements/Use Case Model](https://webgate.ec.europa.eu/CITnet/svn/ETRUSTEX/trunk/001%20e-TrustEx/002%20Requirements/Use%20Case%20Model) |

# Validation for Query request

# Synchronous Validation

# XSD Validation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| RULE59 | The system checks that the message conforms to the schema.  For more details see sample Retrieve Request in section 3.5.1 Query | N/A | Hard |  |  |

# Schematron validation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Description | Element path | Severity | Category | Subcategory |
| Rule 71 | When Period element is present, Period.StartDate.Date must be present. |  | Hard | Message content check | Message logical value validation |
| Rule 72 | When Period element is present, Period.EndDate.Date must be present. |  | Hard | Message content check | Message logical value validation |
| Rule 73 | Period.EndDate.Date: The end date must be bigger or equal to the start date |  | Hard | Message content check | Message logical value validation |
| Rule 74 | Period.EndDate.Date:  The difference between Start date and End date must be smaller or equal to one year |  | Hard | Message content check | Message logical value validation |

* 1. **Asynchronous validation**

N/A

# Parent document check

N/A

# Errors

# E1: At step 3.1.1 XSD Validation, an error occurs

* System submits a SOAP Fault [6] of EC-Fault type
* A Response Code is added **"error.xsd"**
* A Description may be added
* Use Case ends.

# E2: At step 3.1.2 Schematron validation, any of the hard business rules fails

* System submits a SOAP Fault [6] of EC-Fault type
* A Response Code is added **"error.hardrule"**
* A Description may be added
* Use Case Ends

# Annex

# Query

|  |  |  |
| --- | --- | --- |
| **Element** | **Constraint** | **Xpath** |
| **Period** | *Optional* | *RequestDocumentParameter.Period* |
| **DocumentTypeCode** | *Optional* | *RequestDocumentParameter.DocumentTypeCode* |
| **ID of the Originator Document Reference** | *Optional* | *RequestDocumentParameter.OriginatorDocumentReference.ID* |
| **Retrieved Documents Indicator** | *Optional* | *RequestDocumentParameter.RetrievedDocumentsIndicator* |
| **Receiver Endpoint ID** | *Optional* | *RequestDocumentParameter.ReceiverParty.EndpointID* |
| **Sender Endpoint ID** | *Optional* | *RequestDocumentParameter.SenderParty.EndpointID* |